



Software Design Documentation

BERNAMA Portal Content Management System (PCMS)

Volume 2

1	Module: Login
2	Module: Dashboard
3	Module: User
4	Module: Roster
5	Module: Assignment

Version 1.2.2

Release Date: 22nd April 2019

Project Title:

Membekal, Menghantar, Memasang, Merekabentuk, Membangun, Mengintegrasikan, Menguji, Mentauliah, dan Menyelenggara Perkakasan dan Perisian Sistem Pengurusan Kandungan Portal (PCMS) Bernama.com dan Aplikasi Mudah Alih Telefon Pintar Bernama Mobile App bagi Platform iOS (BER/TDR/2/2016)

Document Control

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Revision History

Date	Version	Description	Author
19/09/2018	Draft 1.0	First release	SHAZMIN FATIMAH ZUHAIRI SITI NADIAH ABDUL HANAN
14/01/2019	Version 1.0	Volume 2	SITI NADIAH ABDUL HANAN
25/03/2019	Version 1.1	Update flowchart – add authentication process	SITI NADIAH ABDUL HANAN
15/04/2019	Version 1.2.1	- Account activation - Login - Forgot password - Lock screen	SITI NADIAH ABDUL HANAN
22/04/2019	Version 1.2.2	- Flowchart for module Login, Dashboard, User, Roster and Assignment - Standardize all sequence diagram - Use case description for module user - Screen layout for create user and edit user - Form parameter for add and edit company	SITI NADIAH ABDUL HANAN

Document Approval & Sign-Off

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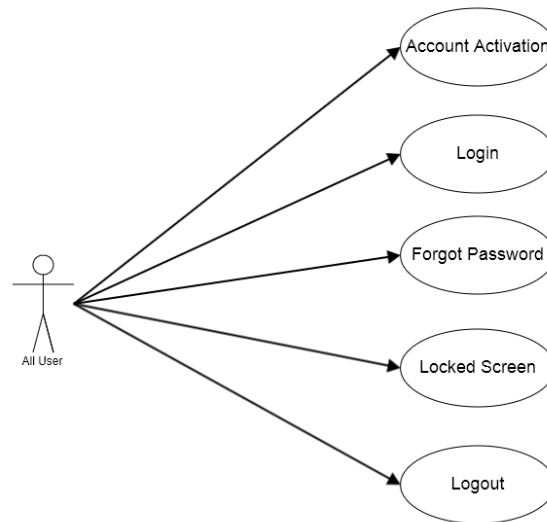
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1 Module: Login

1.1 Use Case



Use Case: Login

1.2 Description of the Use Case

For security reason, all users in PCMS need to register their account before able to access the system. User has to manually fill the registration form and submit it to the Admin of PCMS. Then, the PCMS Admin will create a new account for that particular user. The system will email the account activation link to that particular user to activate the account. Under the module Login, all user should be able to access the following submodule:

1. Account Activation

Once Admin registered user's account, the user needs to activate the account by click "Activate Account" button/link in their registered email. Admin can resend the activation link to the user by clicking the "Resend activation link" in Active User page. Once the user account activated, the 'Resend Activation Code' function will be unavailable.

2. Login

User is required to insert username and password in the provided fields.

3. Forgot Password

User is required to insert the registered email address in the provided field. The system will email the "Reset Password" link to user and user is require creating a new password.

4. Locked Screen

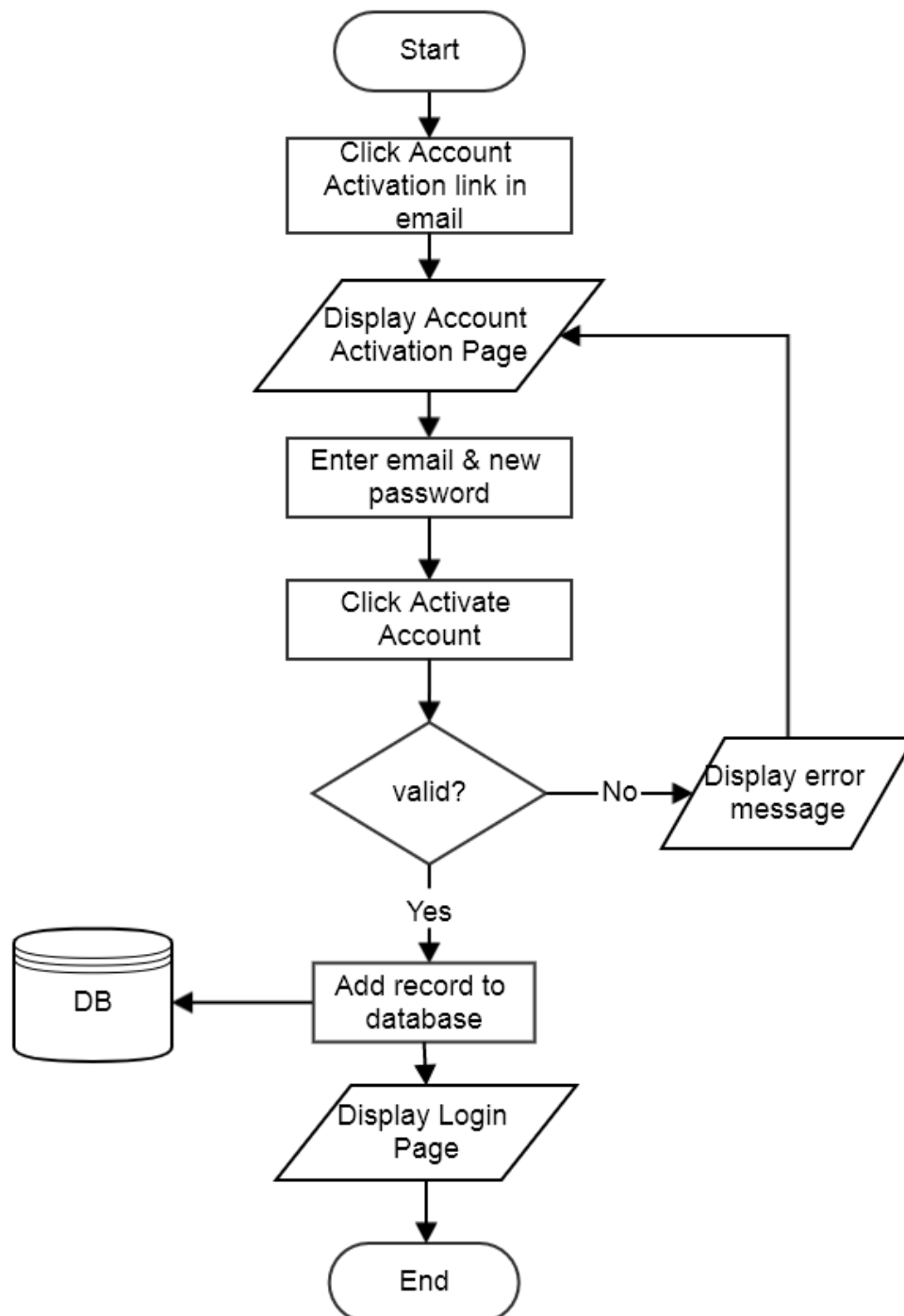
To add extra security precaution, the user can lock the current page they currently working on simply by pressing 'Ctrl' + 'L' button on the keyboard. To unlock the page, the user has to enter their password.

5. Sign Out

User shall log out the system simply by clicking the "Sign out" button.

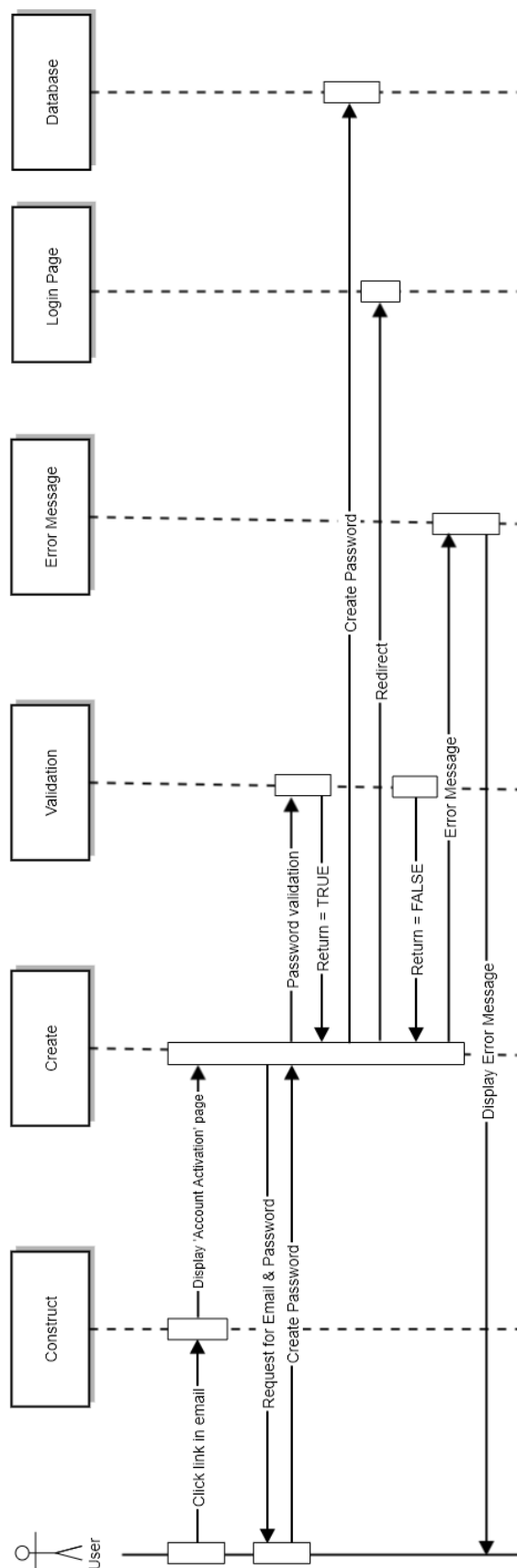
1.3 Account Activation

1.3.1 Flowchart



Flowchart: Account Activation

1.3.2 Sequence Diagram



Sequence Diagram: Account Activation

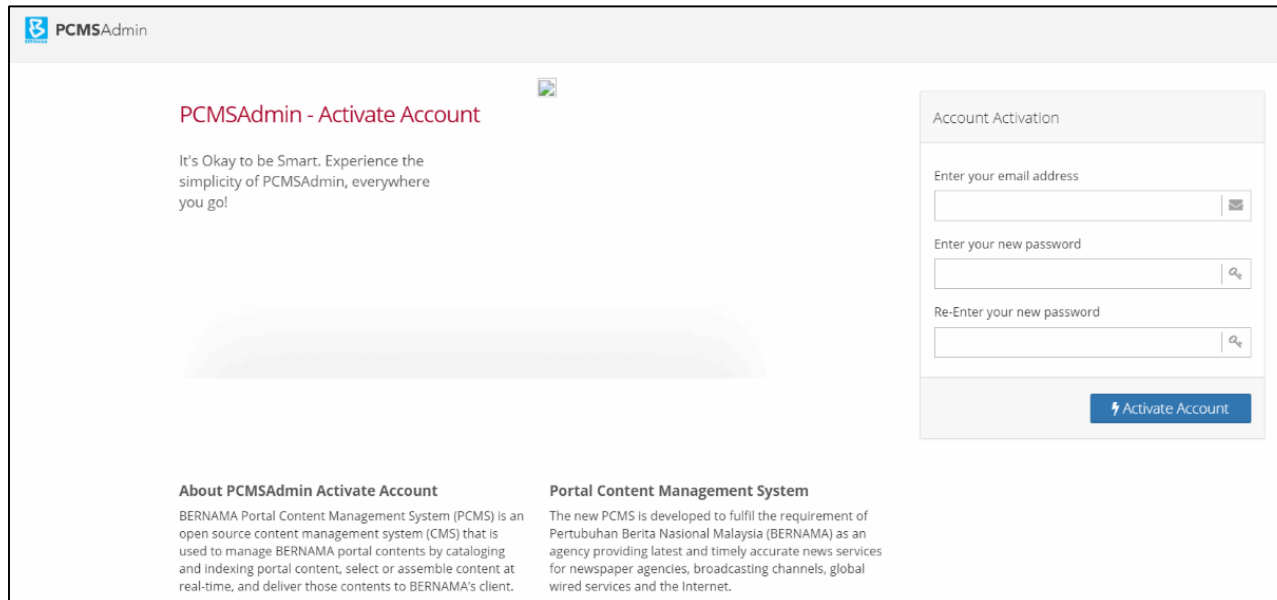
1.3.3 Form Parameter

Request Parameter	Description	Type	Default	Required
Email address	Registered email address	Email	N/A	Yes
New password	Create a new password	Password	N/A	Yes

1.3.4 Error Message

No	Message	Type	Description
1	Please include an '@' in the email address. 'XX' is missing '@'	Alert	Invalid email format
2	We can't find a user with the email address	Alert	Invalid email address
3	The email field is required	Alert	Field cannot be empty
4	The password field is required	Alert	Field cannot be empty
5	The password must be at least 8 characters	Alert	Password too short
6	Passwords must contain at least eight characters, including uppercase, lowercase letters, symbols (except for '_' and '-') and numbers.	Alert	Invalid format
7	The password confirmation does not match	Alert	Field "Re-enter your new password" cannot be empty @ not match

1.3.5 Screen Layout

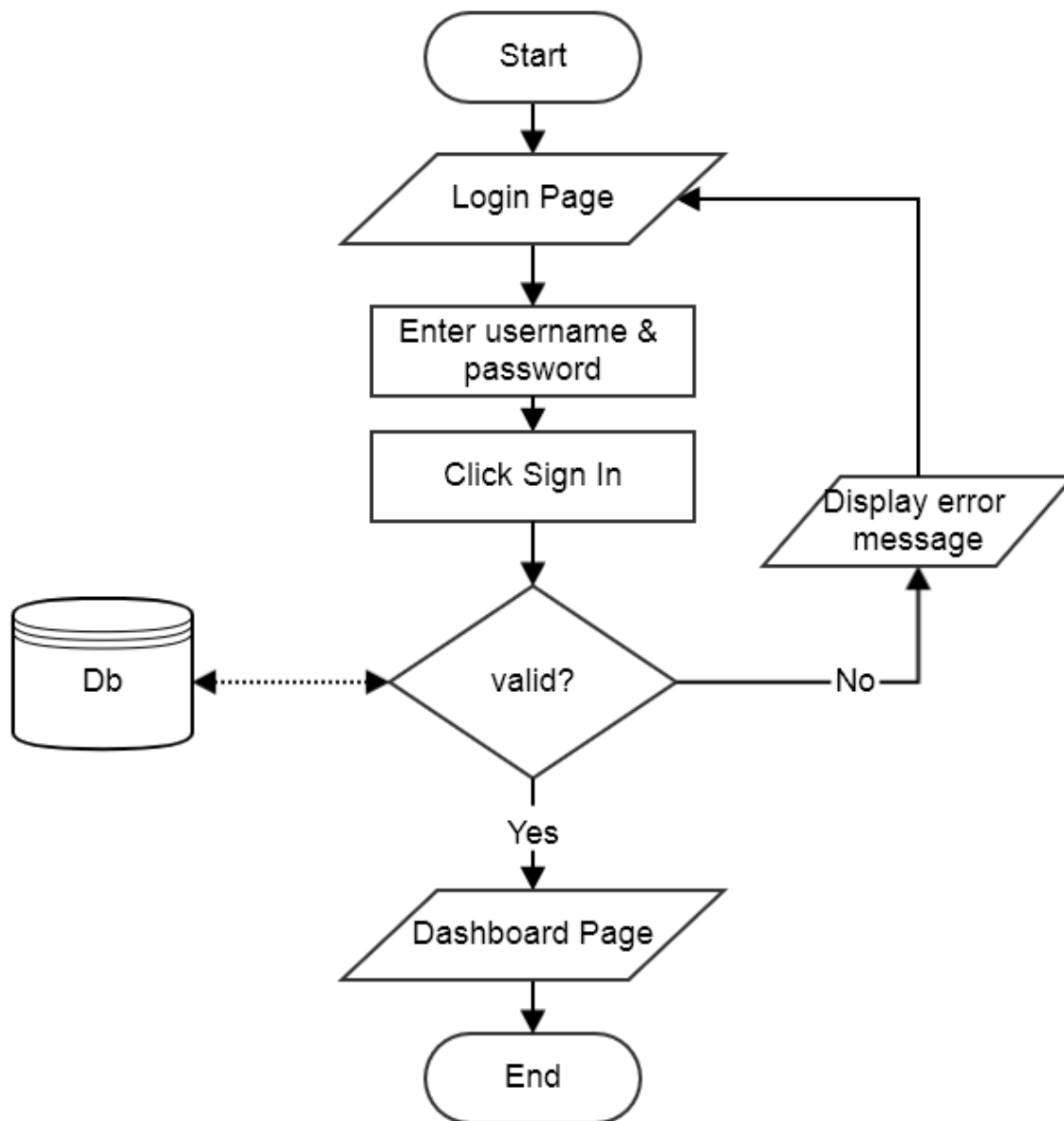


The screenshot shows the 'PCMSAdmin - Activate Account' interface. On the left, there is a message: 'It's Okay to be Smart. Experience the simplicity of PCMSAdmin, everywhere you go!'. Below this is a large, faint image of a person. On the right, there is a form titled 'Account Activation' with three input fields: 'Enter your email address', 'Enter your new password', and 'Re-Enter your new password'. Each field has a corresponding icon (email, password, and password respectively). Below the fields is a blue button labeled 'Activate Account'. At the bottom, there are two sections: 'About PCMSAdmin Activate Account' and 'Portal Content Management System'. The 'About' section describes PCMS as an open source content management system. The 'Portal Content Management System' section describes the new PCMS as developed to fulfill the requirement of Pertubuhan Berita Nasional Malaysia (BERNAMA) as an agency providing latest and timely accurate news services for newspaper agencies, broadcasting channels, global wired services and the Internet.

Screen Layout: Account Activation

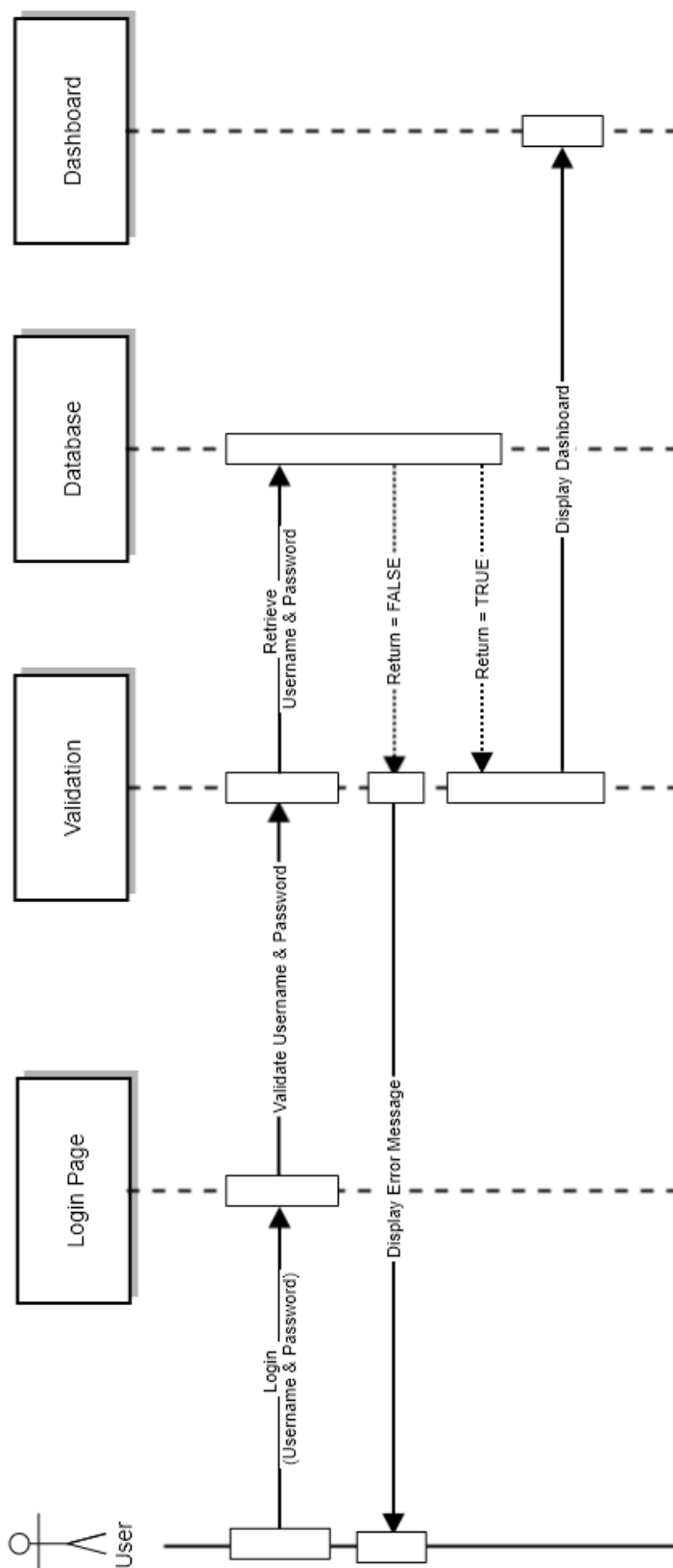
1.4 Login

1.4.1 Flowchart



Flowchart: Login

1.4.2 Sequence Diagram



Sequence Diagram: Login

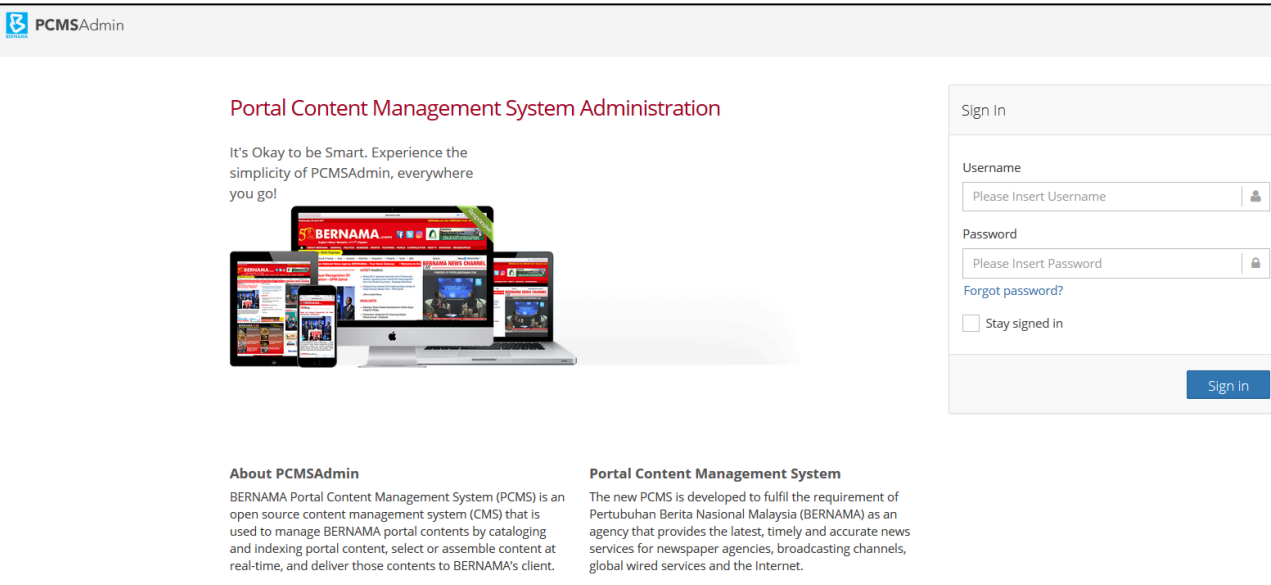
1.4.3 Form Parameter

Request Parameter	Description	Type	Default	Required
username	Registered username	Text	N/A	Yes
password	User's password	Password	N/A	Yes

1.4.4 Error Message

No	Message	Type	Description
1	Invalid username & Password	Alert	Username & Password does not match

1.4.5 Screen Layout



PCMSAdmin

Portal Content Management System Administration

It's Okay to be Smart. Experience the simplicity of PCMSAdmin, everywhere you go!

Sign In

Username
Please Insert Username

Password
Please Insert Password

[Forgot password?](#)

☐ Stay signed in

Sign in

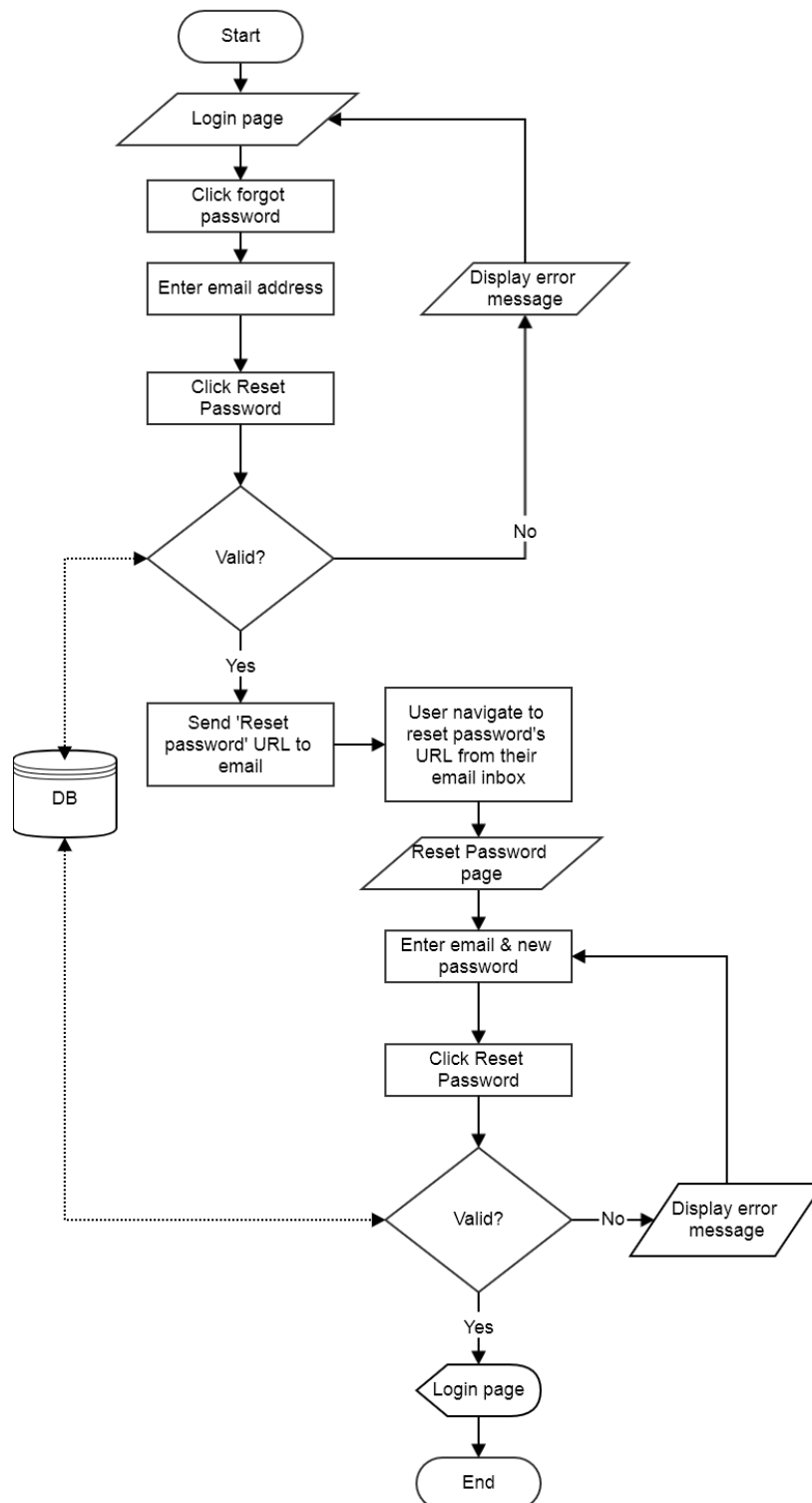
About PCMSAdmin
BERNAMA Portal Content Management System (PCMS) is an open source content management system (CMS) that is used to manage BERNAMA portal contents by cataloging and indexing portal content, select or assemble content at real-time, and deliver those contents to BERNAMA's client.

Portal Content Management System
The new PCMS is developed to fulfil the requirement of Pertubuhan Berita Nasional Malaysia (BERNAMA) as an agency that provides the latest, timely and accurate news services for newspaper agencies, broadcasting channels, global wired services and the Internet.

Screen Layout: Login

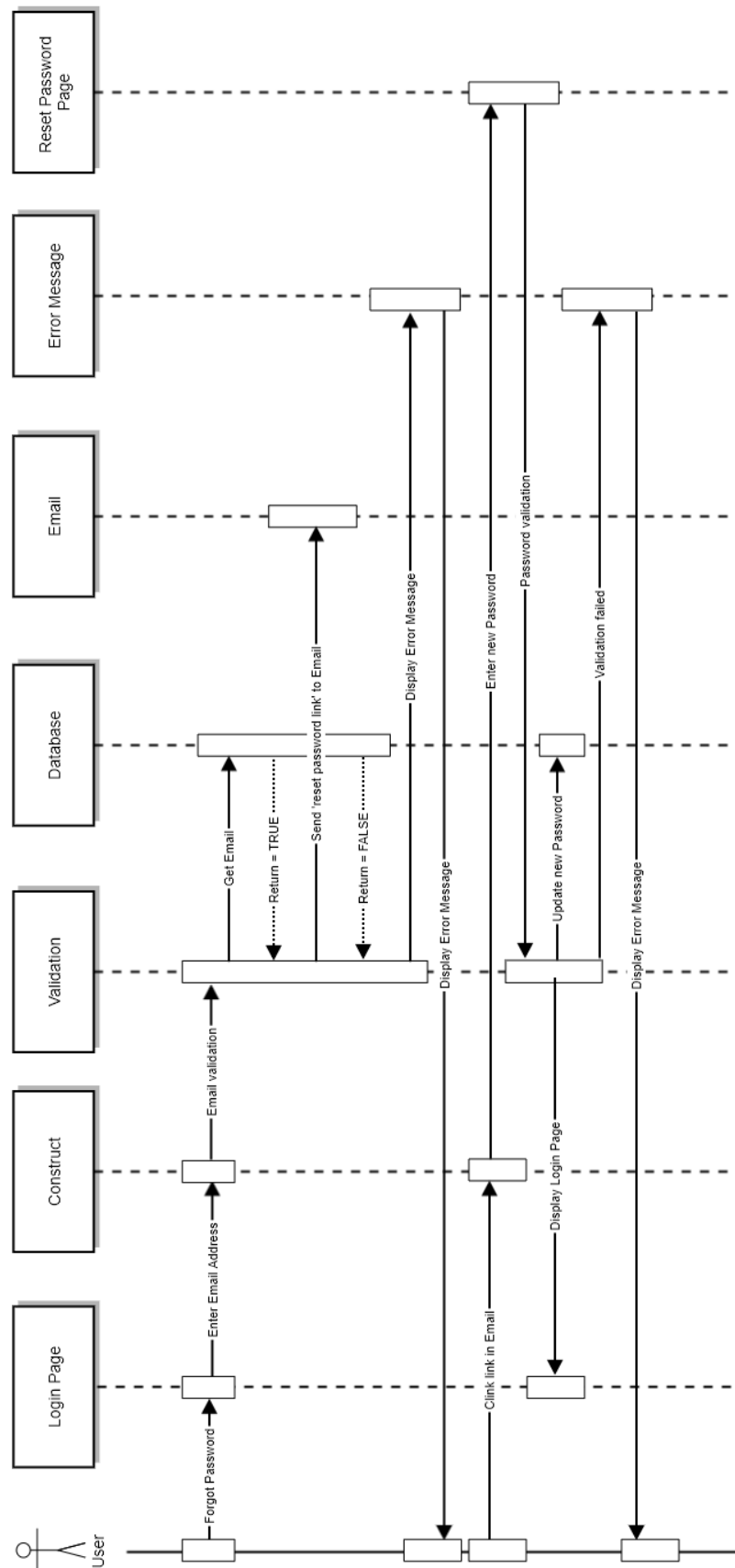
1.5 Forgot / Reset Password

1.5.1 Flowchart



Flowchart: Forgot / Reset Password

1.5.2 Sequence Diagram



Sequence Diagram: Forgot and Reset Password

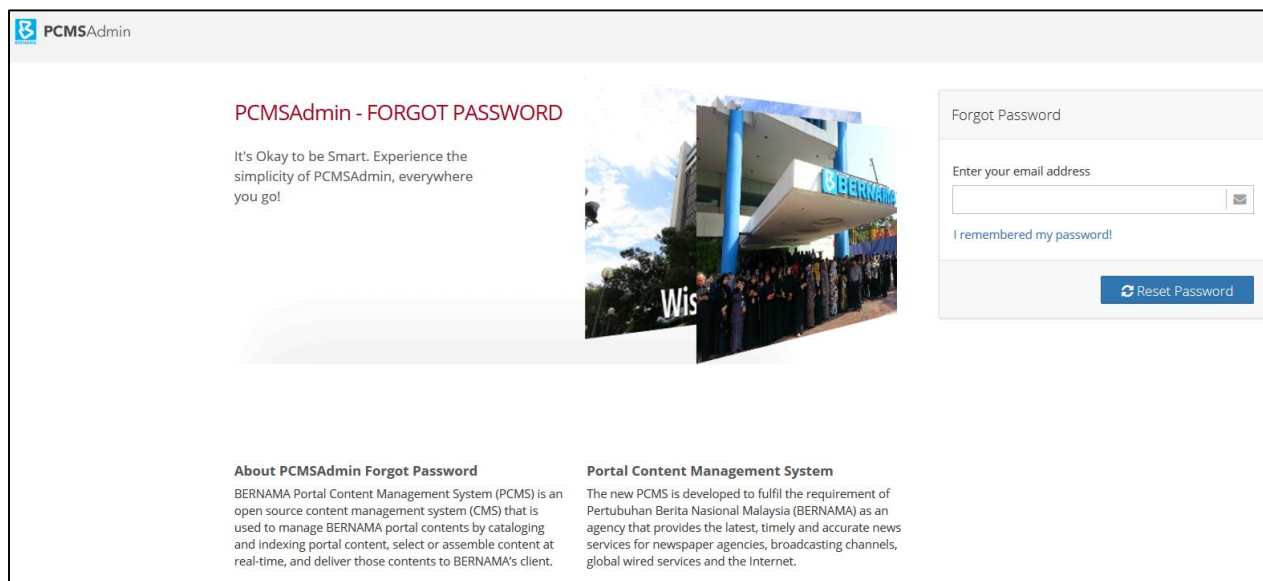
1.5.3 Form Parameter

Request Parameter	Description	Type	Default	Required
Email address	Registered email address	Email	N/A	Yes
New password	Create new password	Password	N/A	Yes

1.5.4 Error Message

No	Message	Type	Description
1	Please include an '@' in the email address. 'XX' is missing '@'	Alert	Invalid email format
2	We can't find a user with the email address	Alert	Invalid email address
3	The email field is required	Alert	Field cannot be empty
4	The password field is required	Alert	Field cannot be empty
5	The password must be at least 8 characters	Alert	Password too short
6	Passwords must contain at least eight characters, including uppercase, lowercase letters, symbols (except for '_' and '-') and numbers.	Alert	Invalid format
7	The password confirmation does not match	Alert	Field "Re-enter your new password" cannot be empty @ not match

1.5.5 Screen Layout



PCMSAdmin - FORGOT PASSWORD

It's Okay to be Smart. Experience the simplicity of PCMSAdmin, everywhere you go!

About PCMSAdmin Forgot Password

BERNAMA Portal Content Management System (PCMS) is an open source content management system (CMS) that is used to manage BERNAMA portal contents by cataloging and indexing portal content, select or assemble content at real-time, and deliver those contents to BERNAMA's client.

Portal Content Management System

The new PCMS is developed to fulfil the requirement of Pertubuhan Berita Nasional Malaysia (BERNAMA) as an agency that provides the latest, timely and accurate news services for newspaper agencies, broadcasting channels, global wired services and the Internet.

Forgot Password

Enter your email address

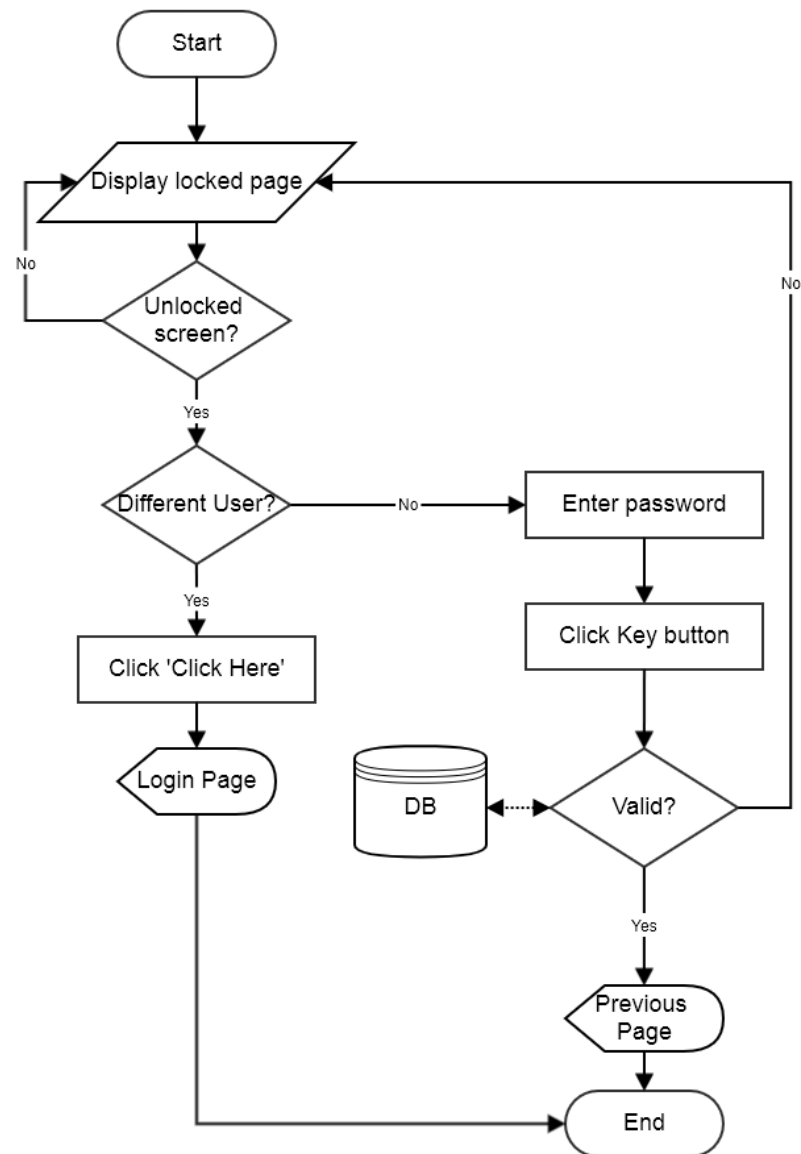
☐ I remembered my password!

[Reset Password](#)

Screen Layout: Forgot Password

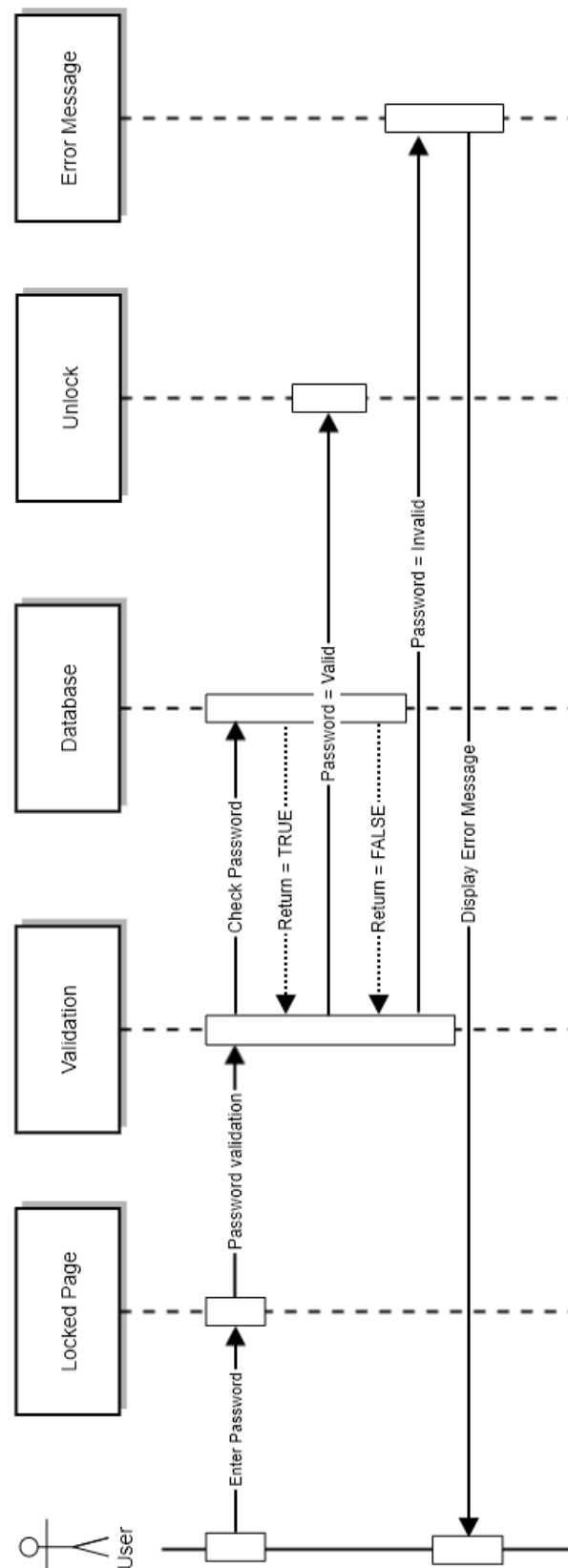
1.6 Locked and Unlock Screen

1.6.1 Flowchart



Flowchart: Locked and Unlock Screen

1.6.2 Sequence Diagram



Sequence Diagram: Locked Screen

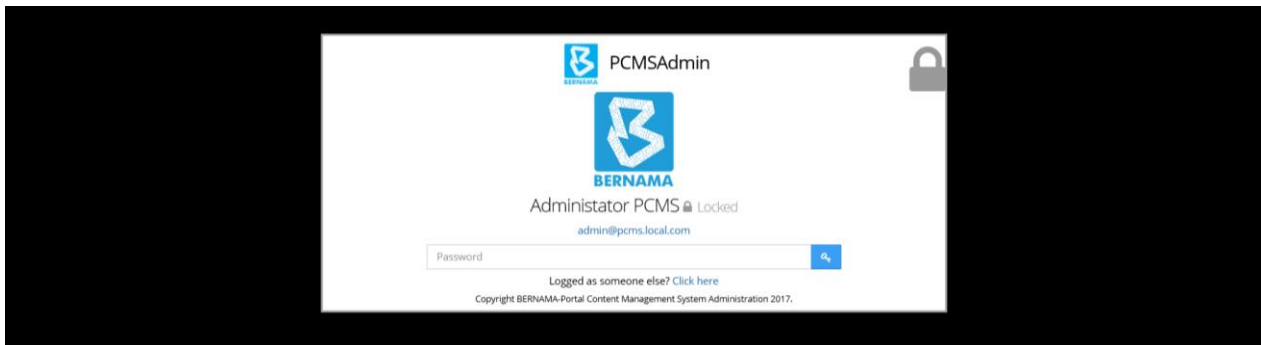
1.6.3 Form Parameter

Request Parameter	Description	Type	Default	Required
Password	Password	Password	N/A	Yes

1.6.4 Error Message

No	Message	Type	Description
1	Invalid Password	Alert	Incorrect Password

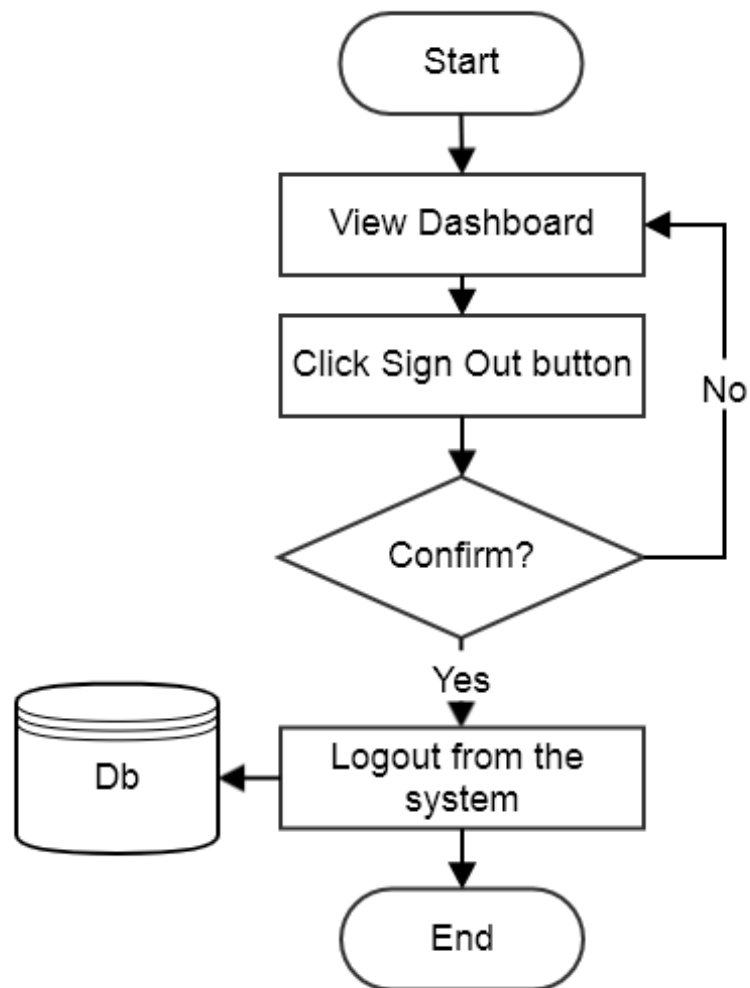
1.6.5 Screen Layout



Screen Layout: Locked Screen

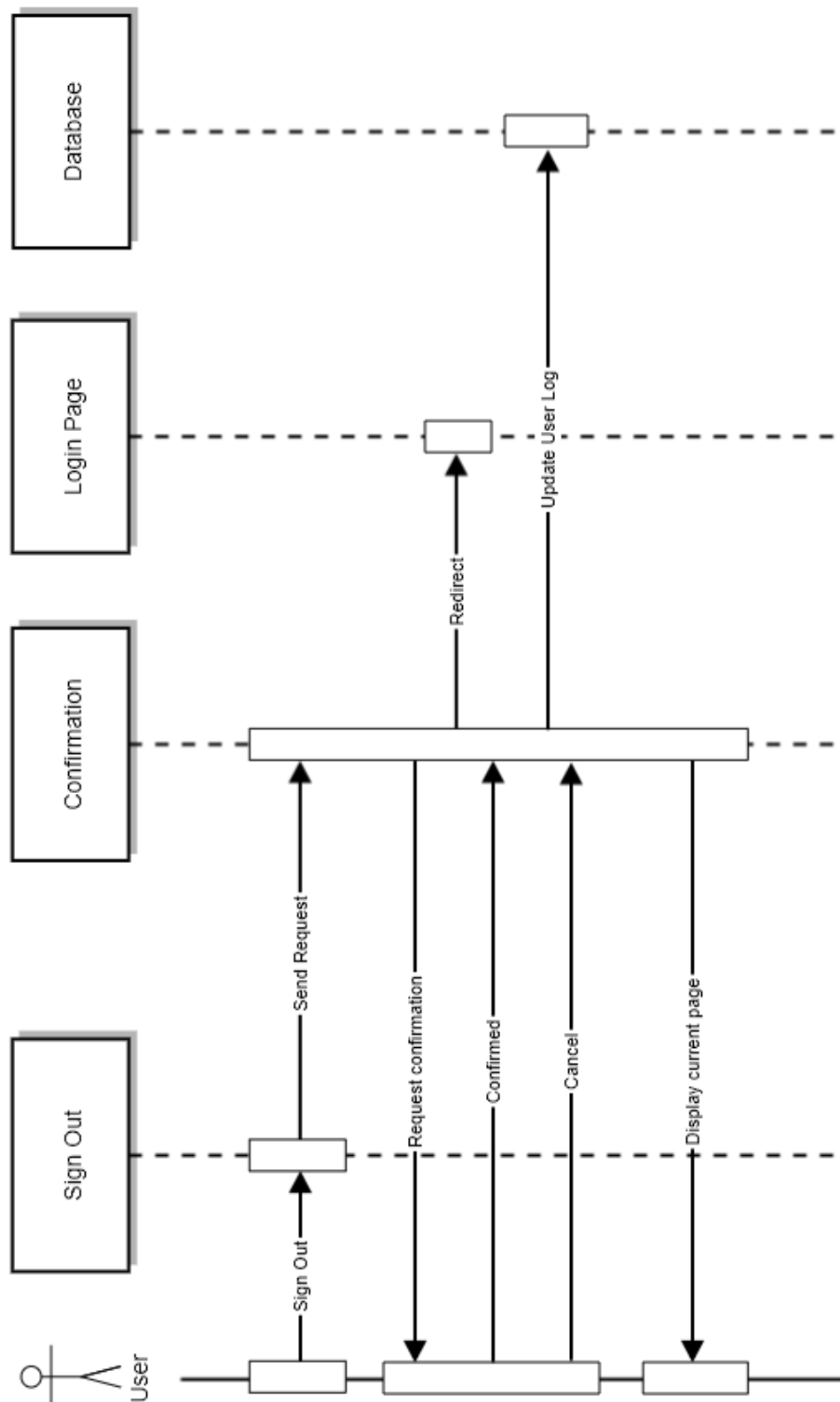
1.7 Sign Out

1.7.1 Flowchart



Flowchart: Logout

1.7.2 Sequence Diagram



Sequence Diagram: Logout

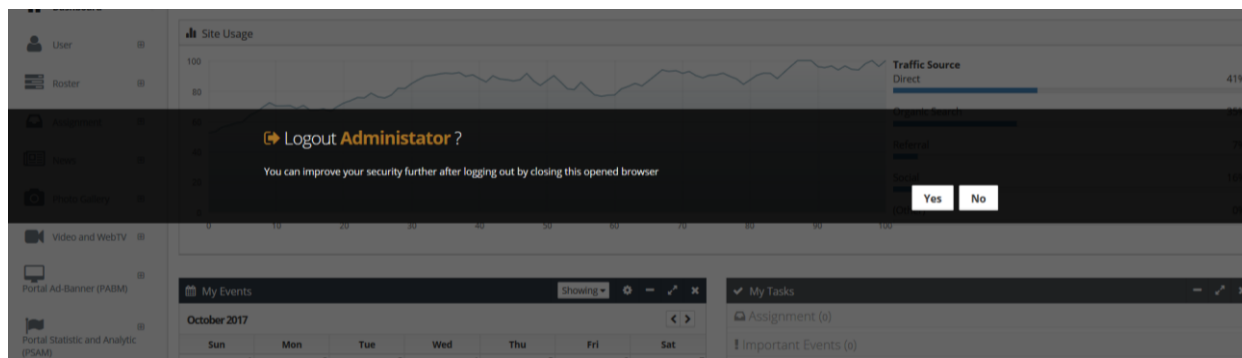
1.7.3 Form Parameter

N/A

1.7.4 Error Message

N/A

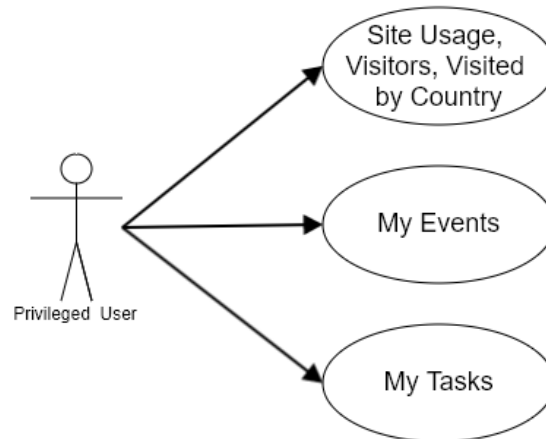
1.7.5 Screen Layout



Screen Layout: Logout

2 Module: Dashboard

2.1 Use Case



Use Case: Dashboard

2.2 Description of the Use Case

Dashboard is an index page of the control panel for PCMS that user will see after they login the system. PCMS dashboard contain data visualization of site usage, visitors, visited by country, my events, and my tasks. However, only privileged users can view the dashboard while others view their own profile once they successfully login the system. Under module Dashboard, privileged user should be able to access the following sub module:

1. Site Usage, Visitors, Visited by Country

Only users under group Admin and Customer Support/BDE/Sales/Management have privileged to view information of site usage, visitors and visited by country. Site usage reports the traffic source, the organic search, social, direct, referral and other information in the system. Visitors are the total number of browsing sessions by all users. Unique visitors are the total number of people who visited the system. Visited by country is the total number of visitors based on their country.

2. My Events

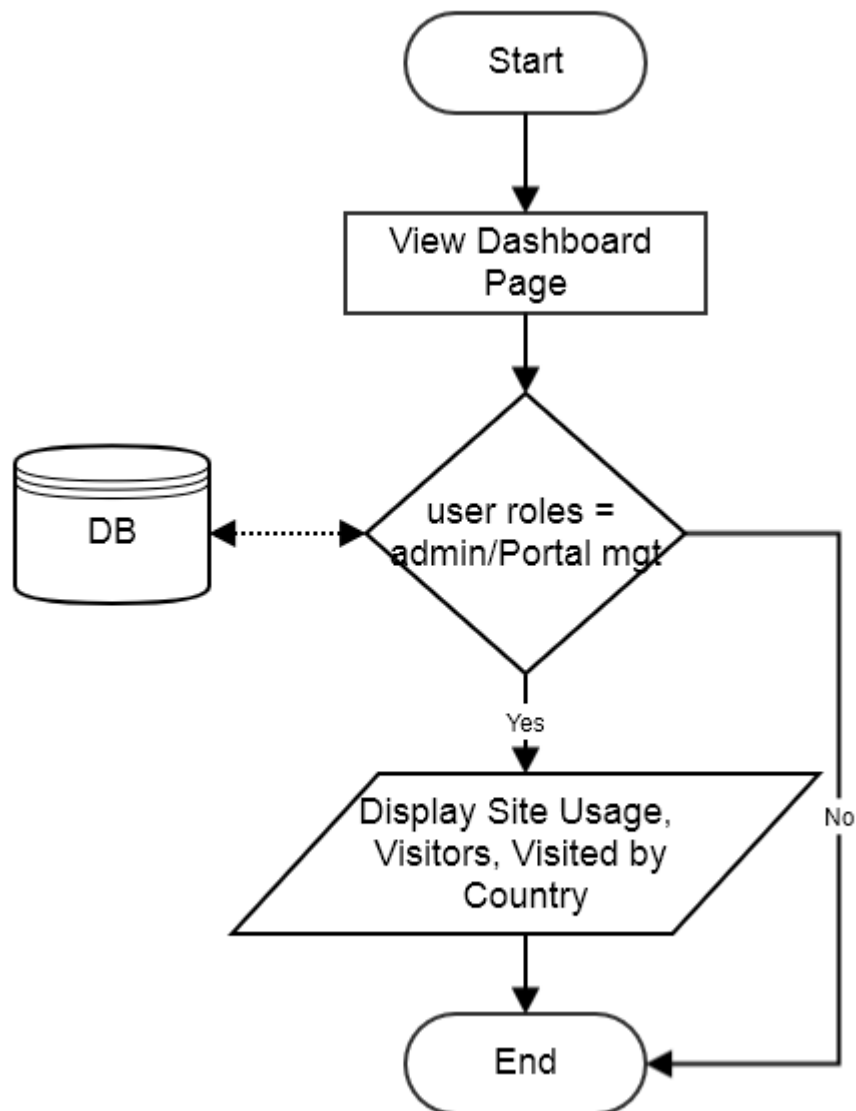
My events are display list of events and assignments that has been assigned to user in a calendar form. The event is marked with black color whereas assignment is in blue color. The purpose of my events is only to display the title of the events and information. The details is describe in the Event Calendar module and Assignment module. Only users in group Admin, Superadmin, Customer Support/BDE/Sales/Management, Web Artist, and Sub Editor Portal have the privilege to access My Events.

3. My Tasks

My tasks are display list of assignments and events that has been assigned to user in a list format. User can click the "More details" button to view the details. Only users in group Admin, Superadmin, Customer Support/BDE/Sales/Management, Web Artist, and Sub Editor Portal have the privilege to access My Tasks.

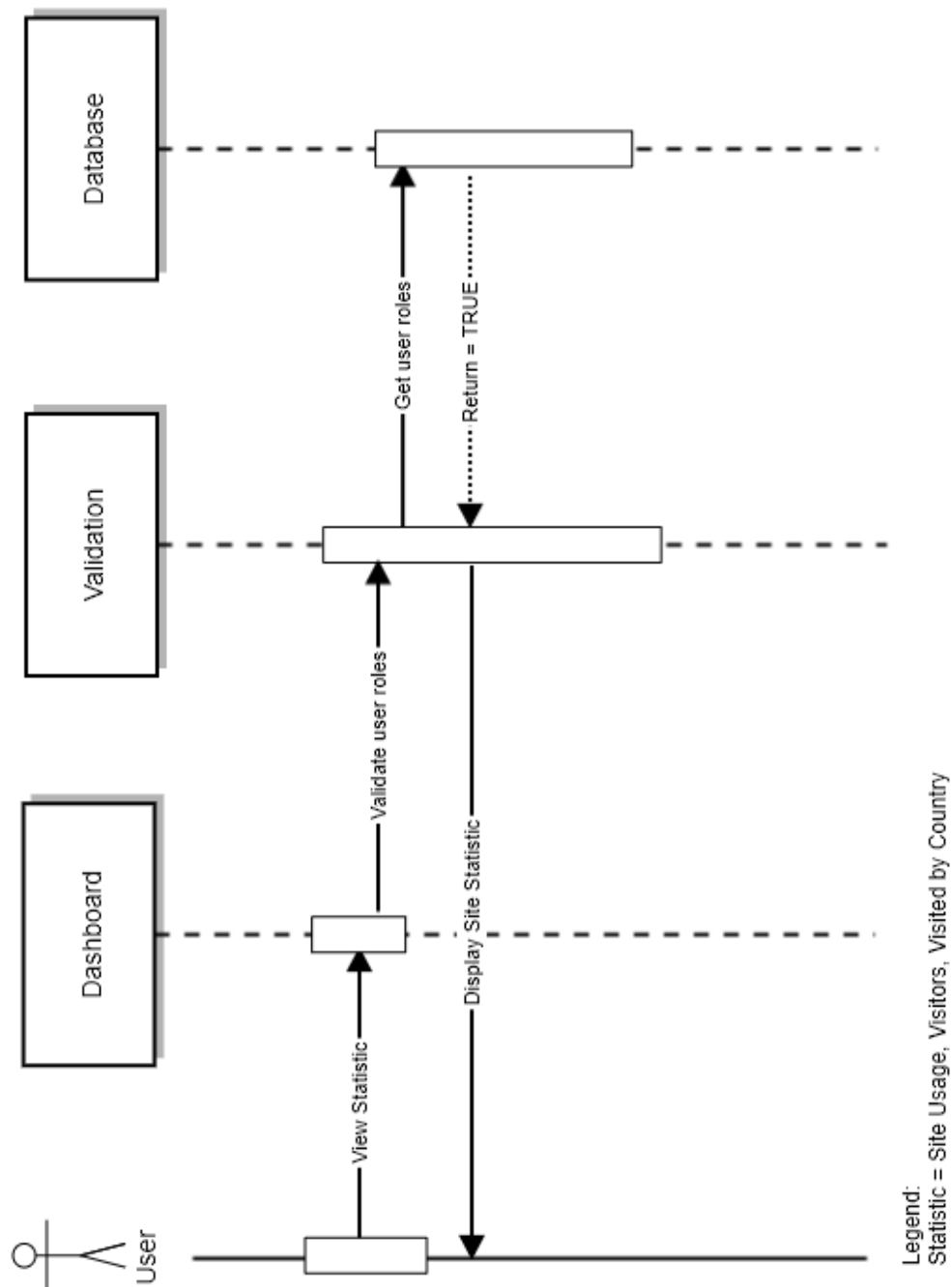
2.3 Site Usage, Visitors, Visited by Country

2.3.1 Flowchart



Flowchart: Site Usage, Visitors, Visited by Country

2.3.2 Sequence Diagram



Sequence Diagram: Site Usage, Visitors, Visited by Country

2.3.3 Form Parameter

N/A

2.3.4 Error Message

N/A

2.3.5 Screen Layout

Dashboard > My Dashboard

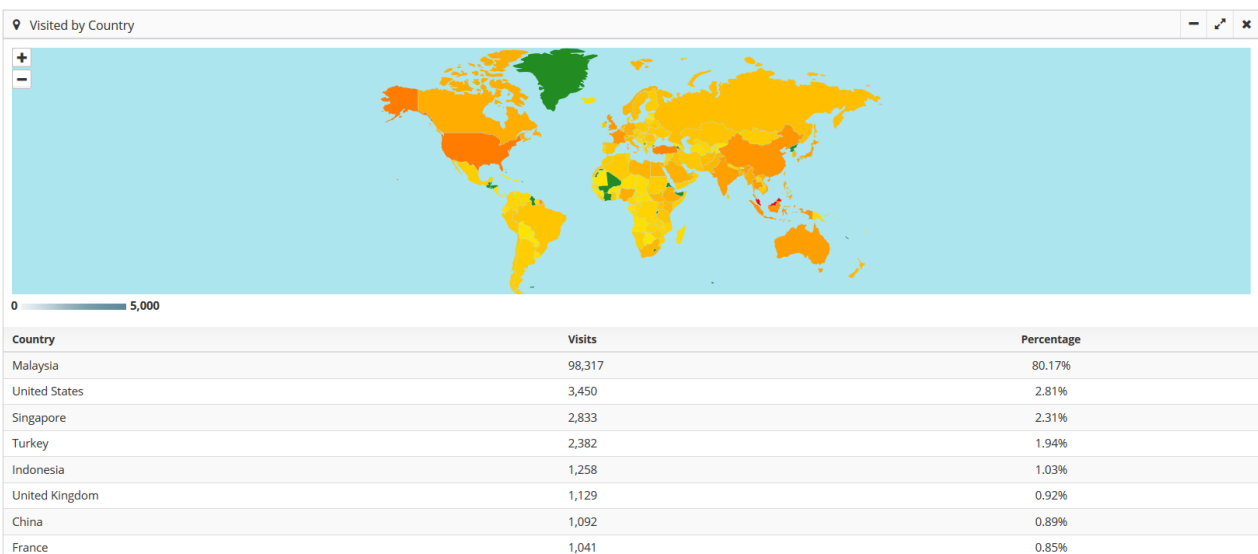
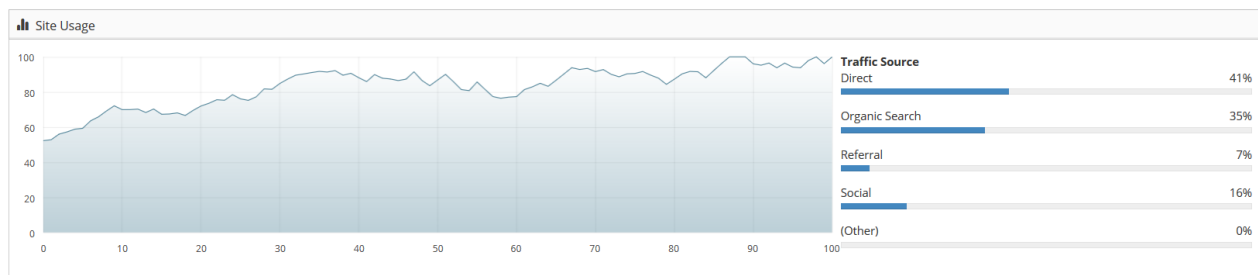
VISITORS
1,215,166



UNIQUE VISITORS
62,032



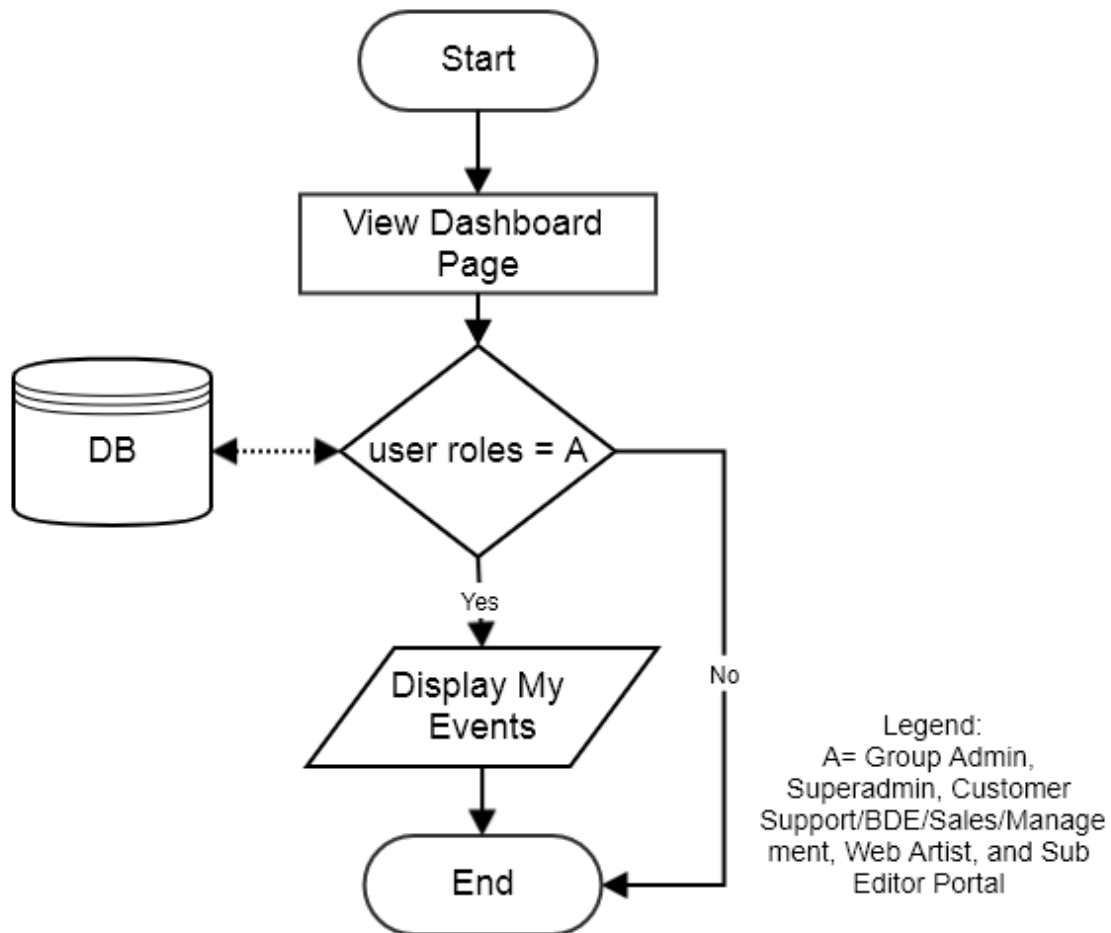
MOBILE VISITORS
63,007



Screen Layout: Site Usage, Visitors, Visited by Country

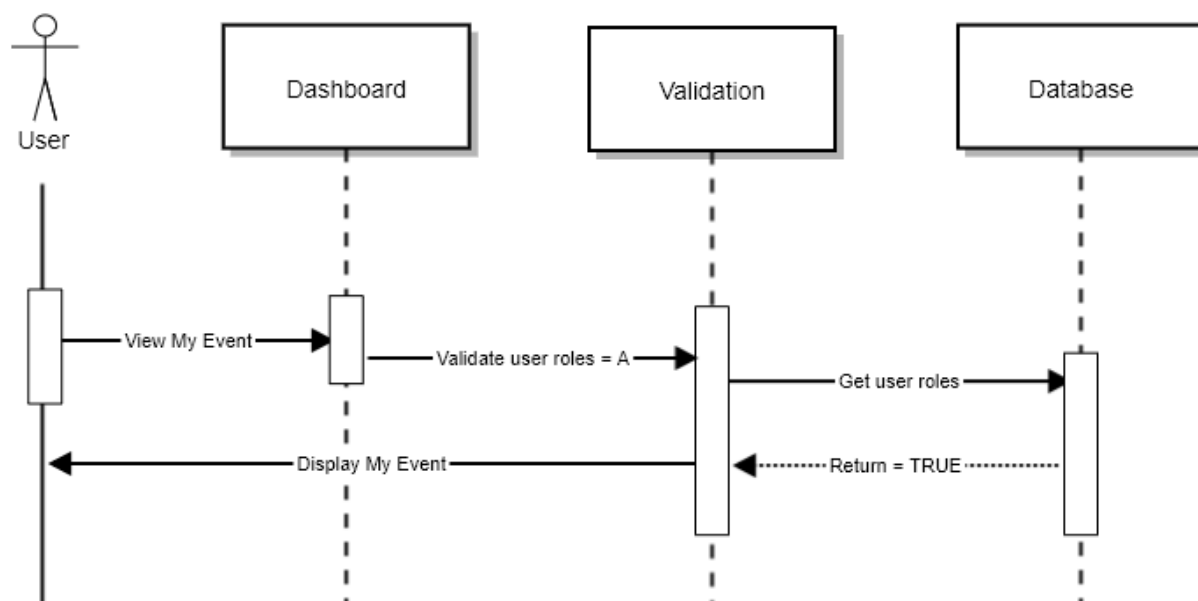
2.4 My Events

2.4.1 Flowchart



Flowchart: My Events

2.4.2 Sequence Diagram



Legend:

A = Group Admin, Super Admin, Customer Support / BDE / Sales / Management, Web Artist, and Portal Sub-Editor

Sequence Diagram: My Events

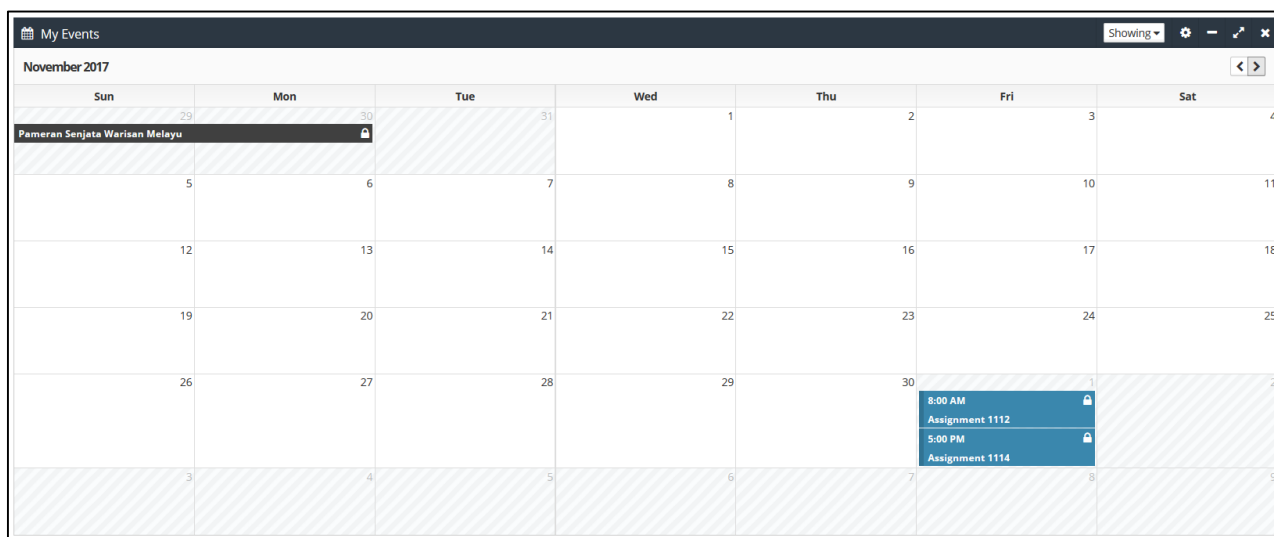
2.4.3 Form Parameter

N/A

2.4.4 Error Message

N/A

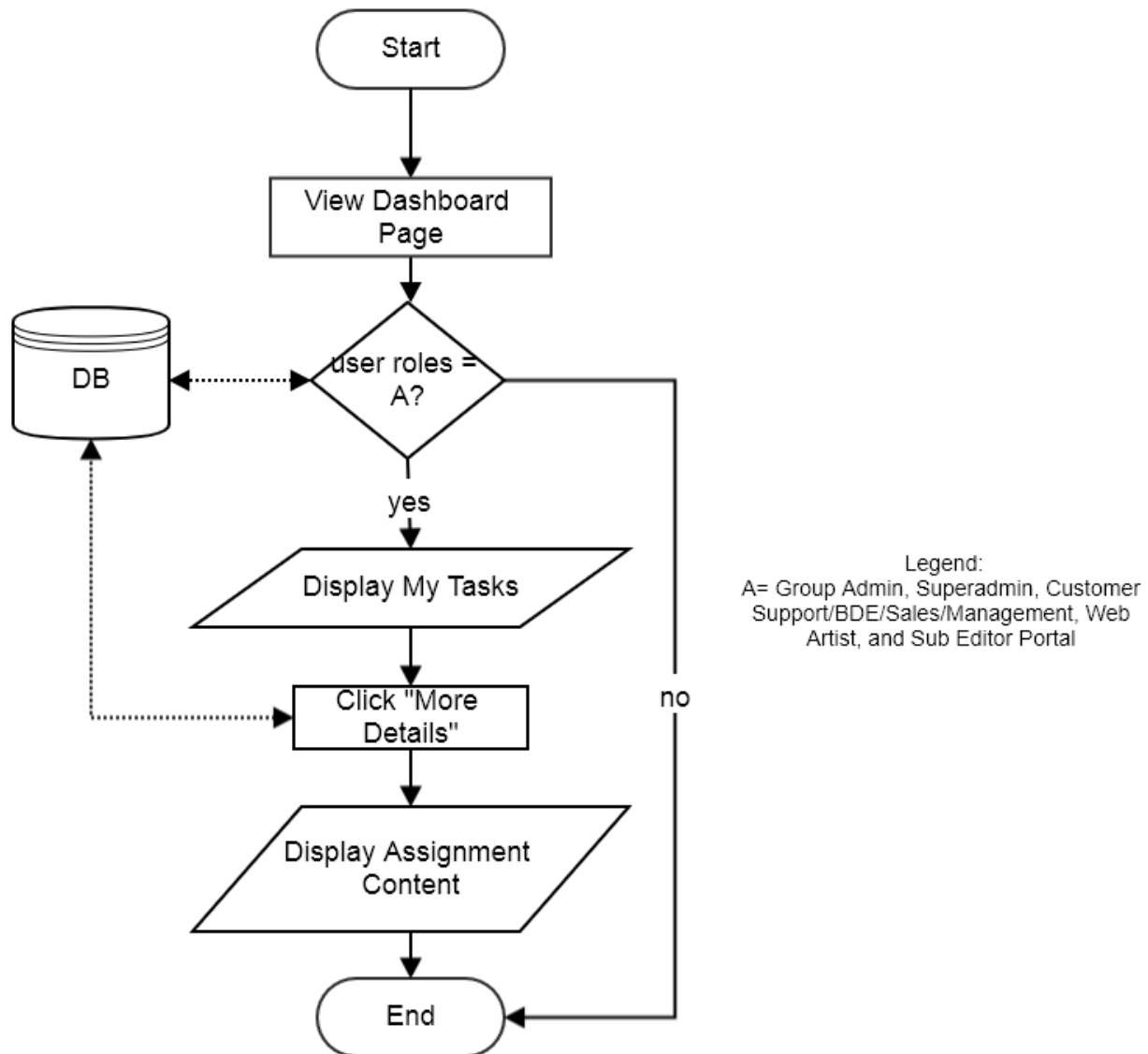
2.4.5 Screen Layout



Screen Layout: My Events

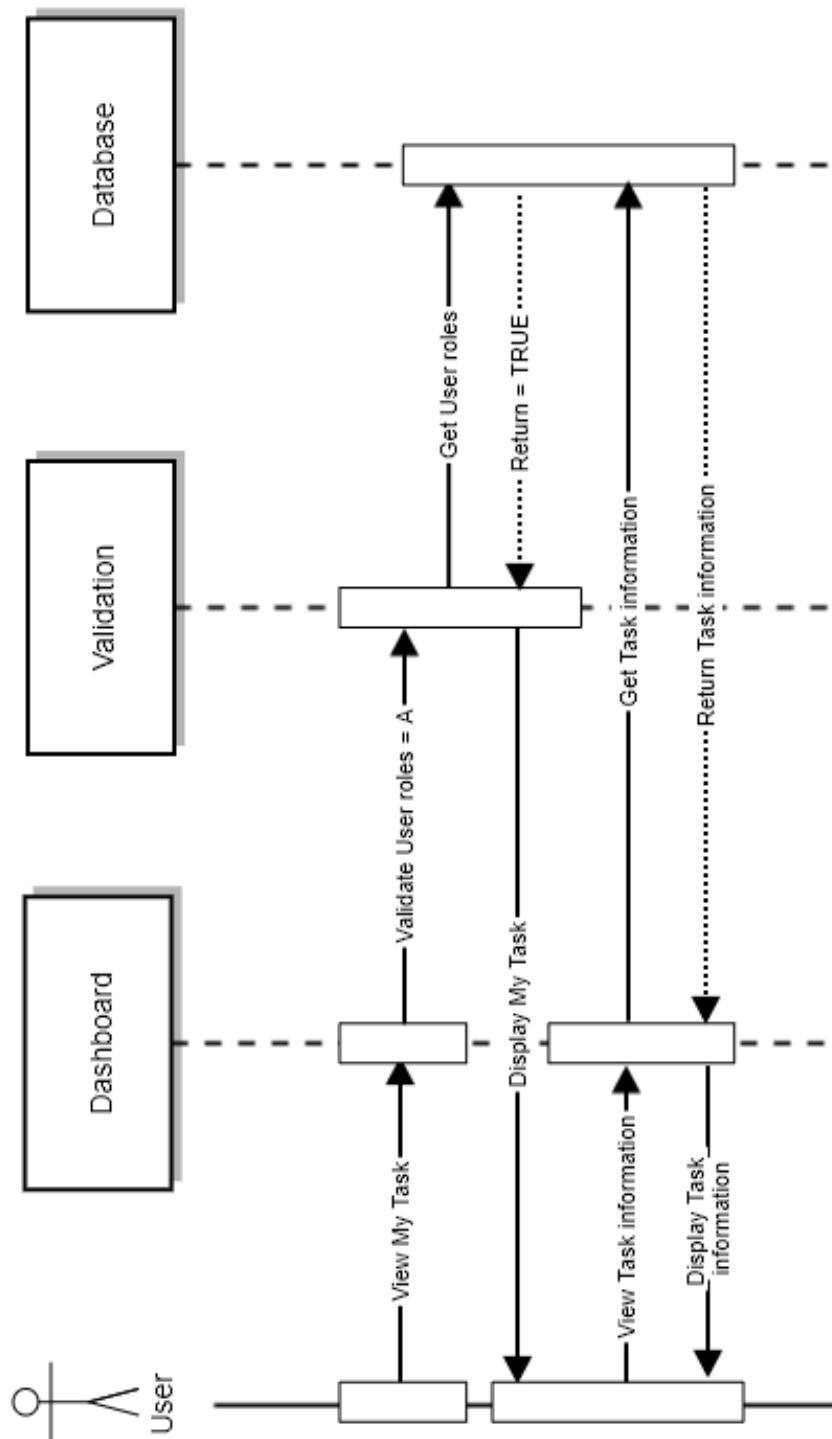
2.5 My Tasks

2.5.1 Flowchart



Flowchart: My Tasks

2.5.2 Sequence Diagram



Legend:
 A = Group Admin, Super Admin, Customer Support / BDE / Sales / Management, Web Artist, and Portal Sub-Editor

Sequence Diagram: My Task

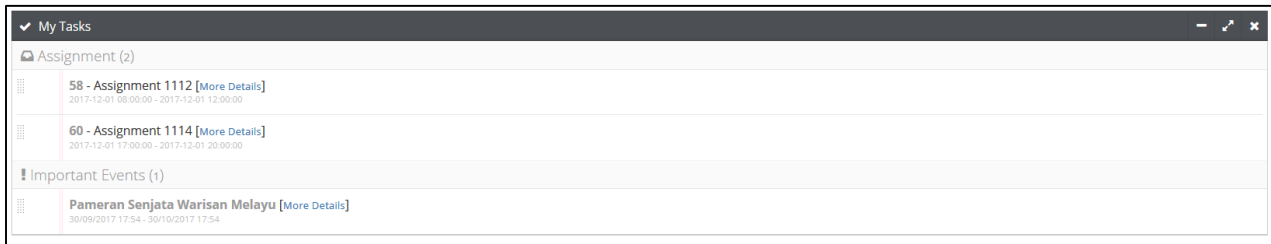
2.5.3 Form Parameter

N/A

2.5.4 Error Message

N/A

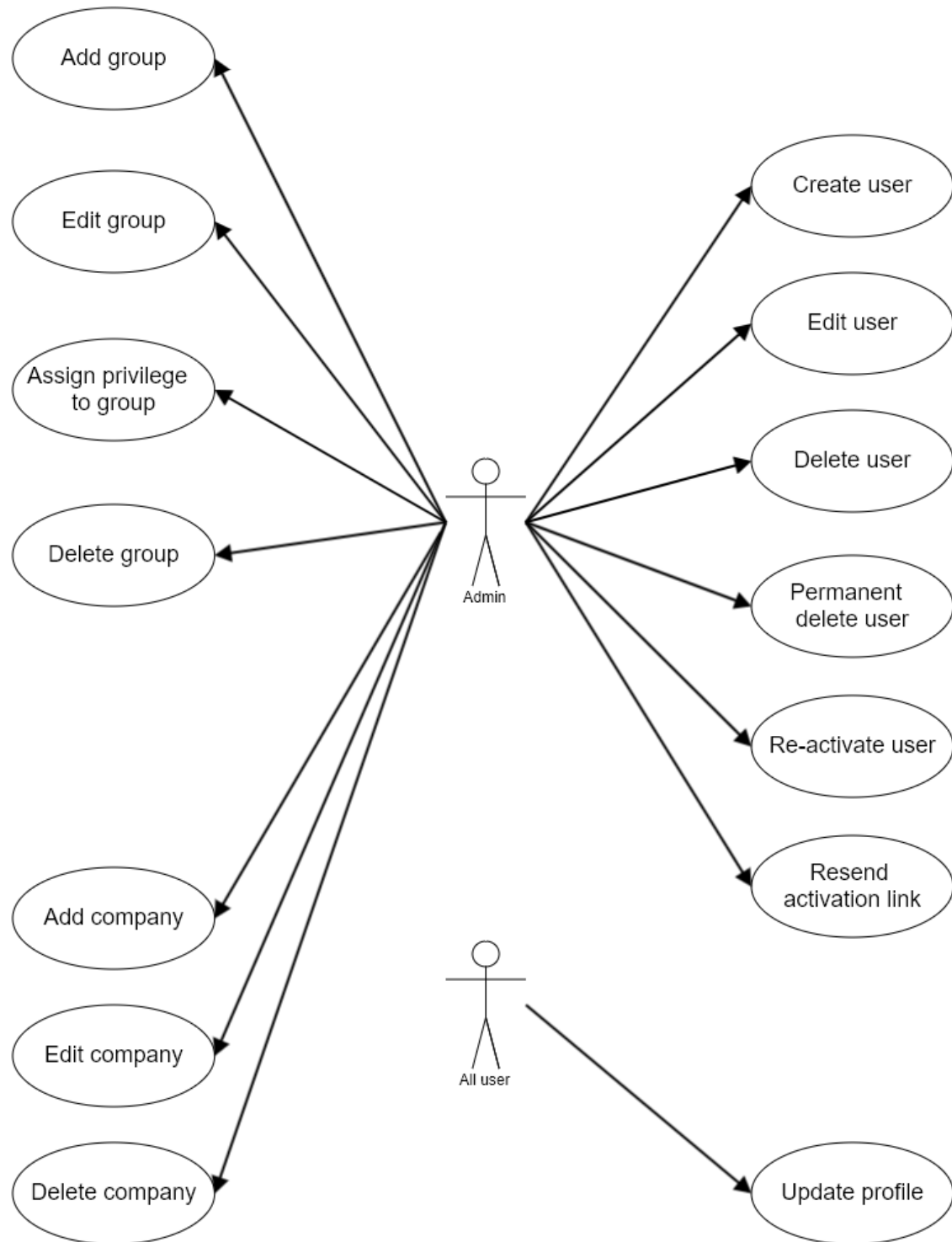
2.5.5 Screen Layout



Screen Layout: My Tasks

3 Module: User

3.1 Use Case



Use Case: User

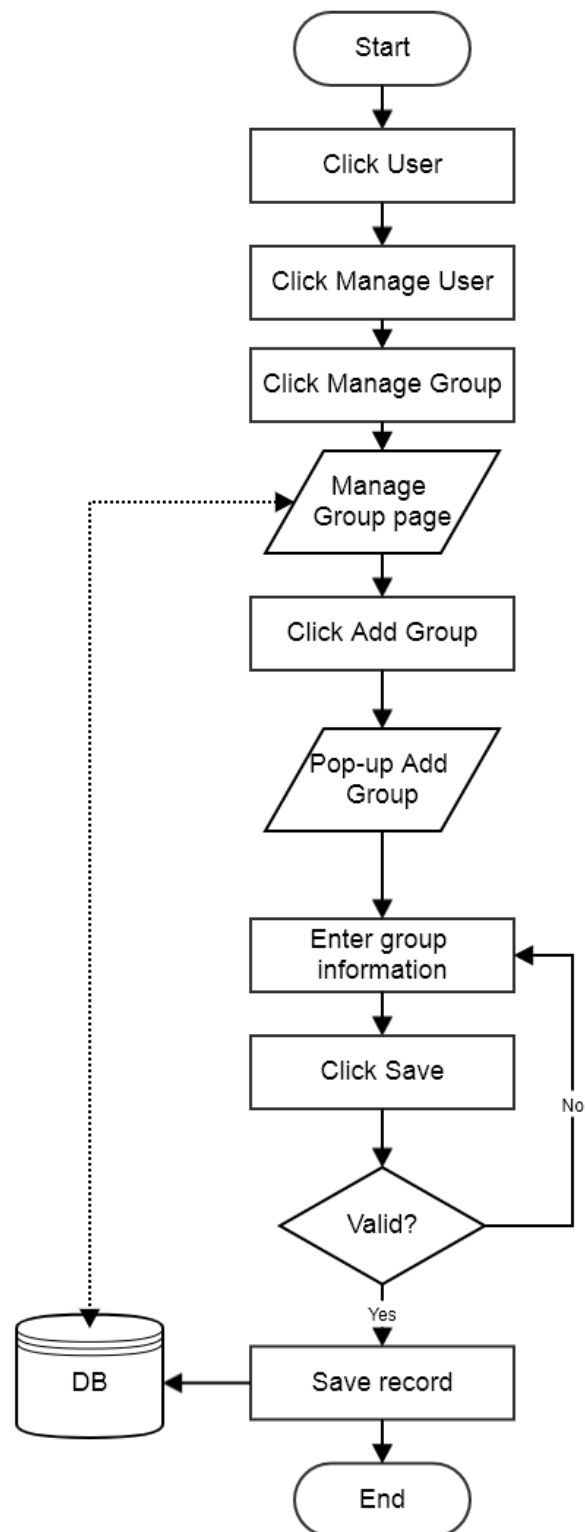
3.2 Use Case Description

Use Case	Description
Create User	- Required privilege for Actor: Menu - User, Create User. - Actor need to assign privilege(s) and group(s) to users. - Actor may enable or disable privilege within the group. - Upon completion, system will then send an activation link to user's email, except for user under Company with Client Type: Grab.
Edit User	- Required privilege for Actor: Menu - User, Edit User. - To edit User Information, Group & Privileges, and News Category subscription (applicable for Client Type: Grab only).
Delete User	- Required privilege for Actor: Menu - User, Delete User. - Soft delete (delete from application only): Delete user in Active User list. Deleted user will be moved into Inactive User list.
Permanent Delete User	- Required privilege for Actor: Menu - UserDelete User. - Hard delete (permanently delete in database): Delete user in Inactive User list. Deleted user will be deleted in database.
Re-activate User	- Required privilege for Actor: Menu - User, Edit User. - User status can be inactive by manually changed their status to inactive by admin. - This is to change status from Inactive to Active.
Resend Activation Link	- Required privilege for Actor: Menu - User, Edit User. - This is only applicable for user that did not complete the account activation process.
Add Group	- Required privilege for Actor: Menu - User, Add Group. - Group can be understood as a template with preset privileges. - One user can be assigned under one group only. - When user assigned to a specific group, that user will inherit all privileges that assigned to that group.
Edit Group	- Required privilege for Actor: Menu - User, Edit Group. - This is to edit Group Name, Group Description, and Language related with Group.

Use Case	Description
Assign Privilege to Group	- Required privilege for Actor: Menu - User, Manage User, Manage Group. - This is to assign privileges to specific group.
Delete Group	- Required privilege for Actor: Menu - User, Manage User, Manage Group. - Soft delete (delete from application only): Delete group in Manage Group list. - Allowed for empty Group only - no user assigned into that Group.
Add Company	- Required privilege for Actor: Menu - User, Manage User, Manage Company. - This is to add new Company. - Client Type - Send: User under this company will receive news that selected manually and sent (using 'Send to Client' feature) from PCMS. News selection done by authorized PCMS user. - Client Type - Grab: User under this company will receive news automatically, based on News Category subscribed during user creation (Step 3: Subscription)
Edit Company	- Required privilege for Actor: Menu - User, Manage User, Manage Company. - This is to edit existing Company.
Delete Company	- Required privilege for Actor: Menu - User, Manage User, Manage Company. - Able to be deleted: Company without staff. - Unable to be deleted: Company with staff. To enable company deletion - since 'Company' is mandatory field, user(s) under the company need to be deleted or change their Company.
Update Profile	- Actor: All users - This is for user to - view their privileges, edit user details (on certain field only)

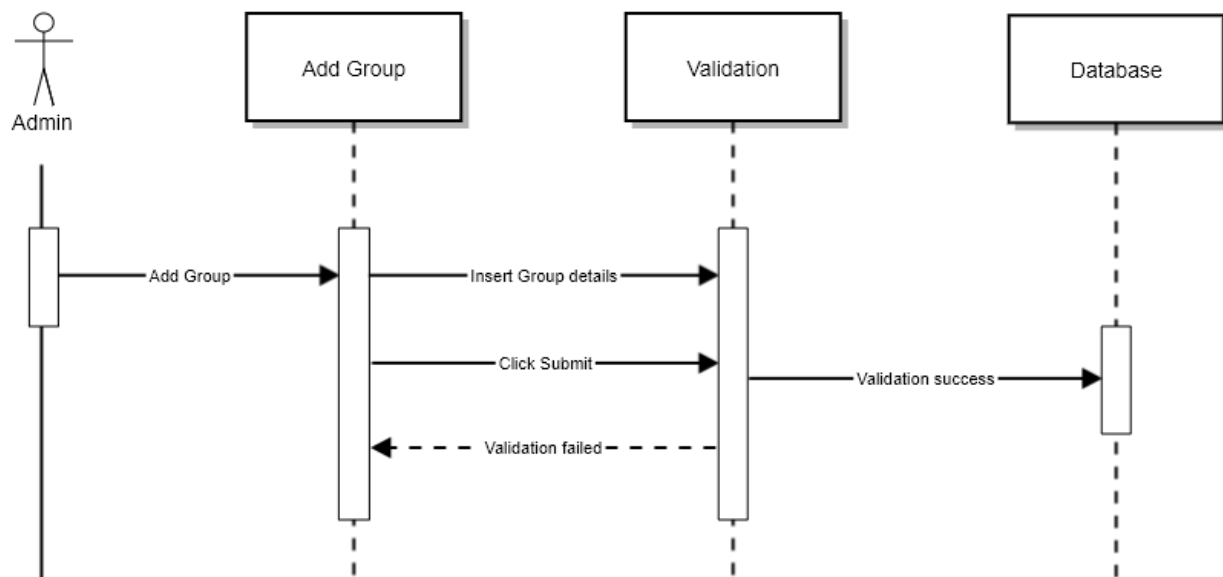
3.3 Add Group

3.3.1 Flowchart



Flowchart: Add Group

3.3.2 Sequence Diagram



Sequence Diagram: Add Group

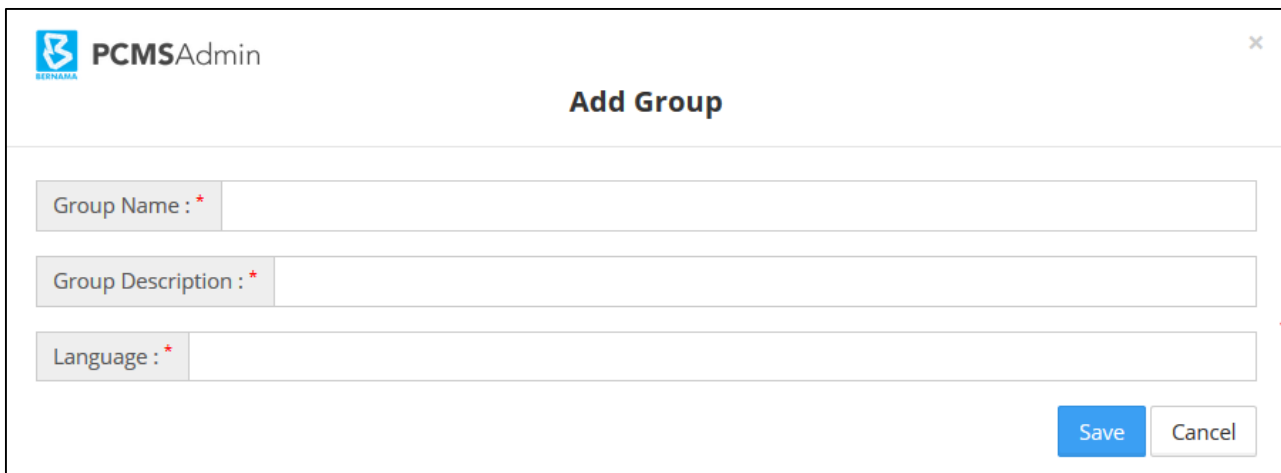
3.3.3 Form Parameter

Request Parameter	Description	Type	Default	Required
Group Name	Create new group	Text	N/A	Yes
Group Description	Description of the group	Text	N/A	Yes
Language	News language for selected group	Dropdown	N/A	Yes

3.3.4 Error Message

No	Message	Type	Description
1	The Group Name field is required	Alert	Field cannot be null
2	The Group Description field is required	Alert	Field cannot be null
3	The Language field is required	Alert	Field cannot be null
4	The name has already been taken.	Alert	Group Name is unique

3.3.5 Screen Layout



PCMSAdmin

Add Group

Group Name : *

Group Description : *

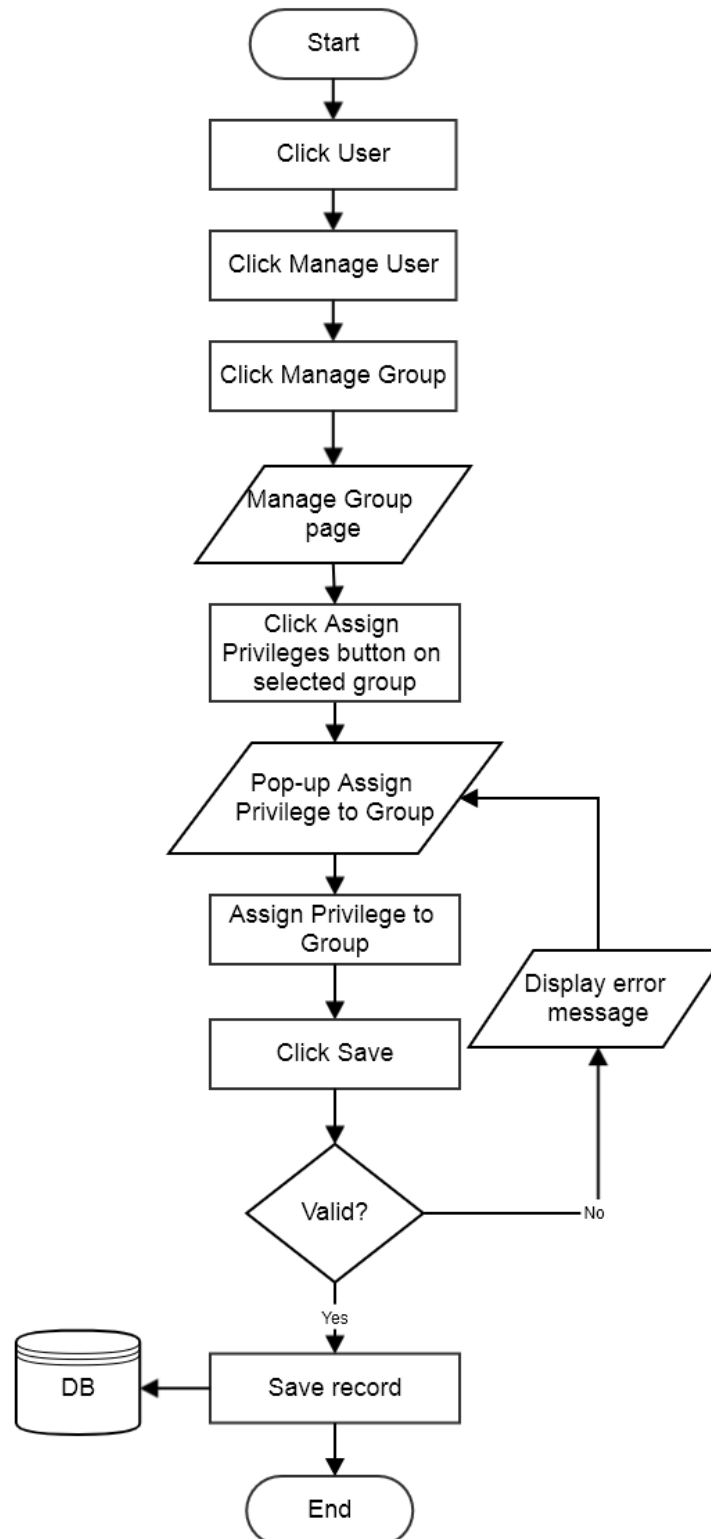
Language : *

Save Cancel

Screen Layout: Add Group

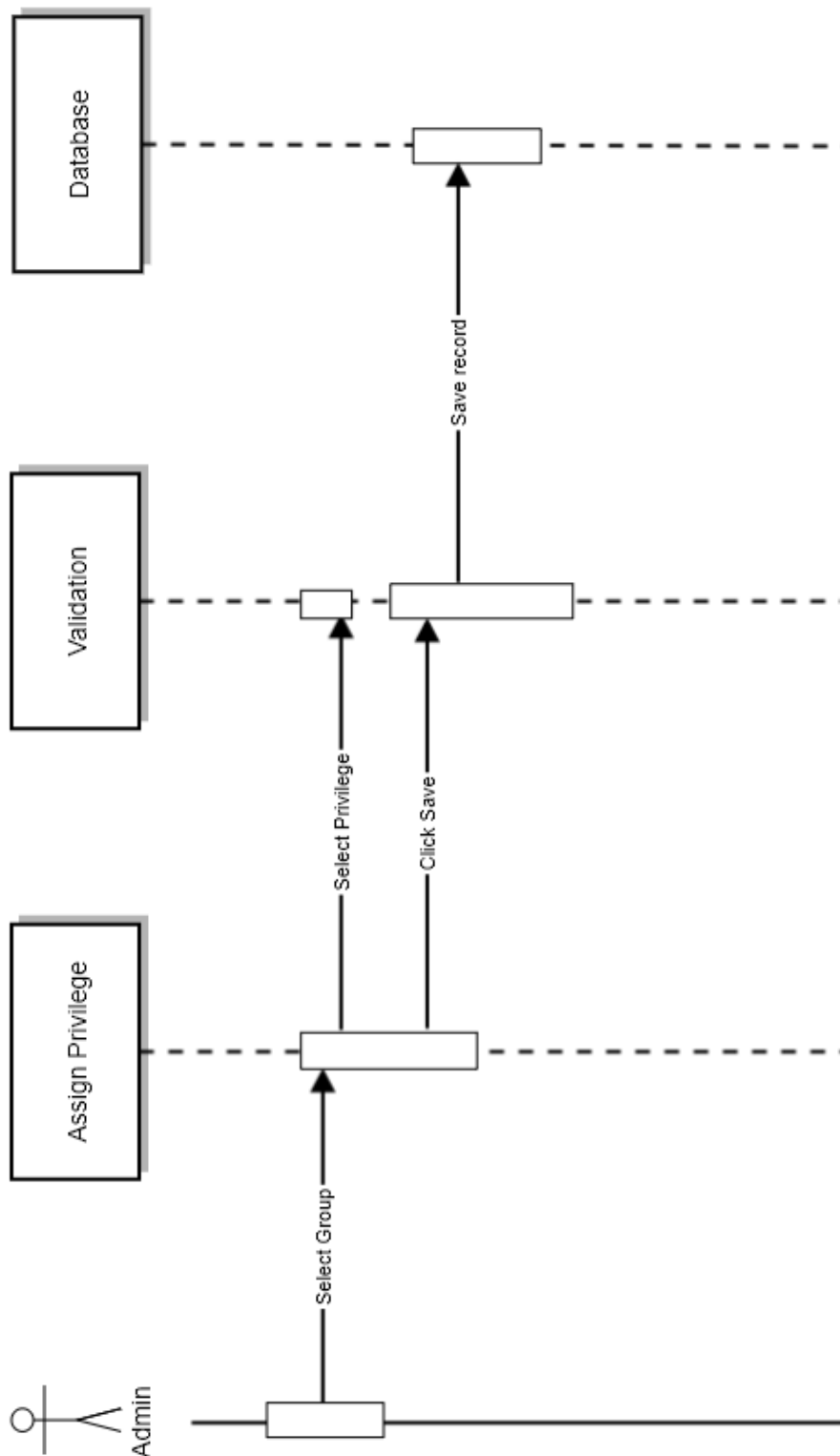
3.4 Assign Privilege to Group

3.4.1 Flowchart



Flowchart: Assign Privilege to Group

3.4.2 Sequence Diagram



Sequence Diagram: Assign Privilege to Group

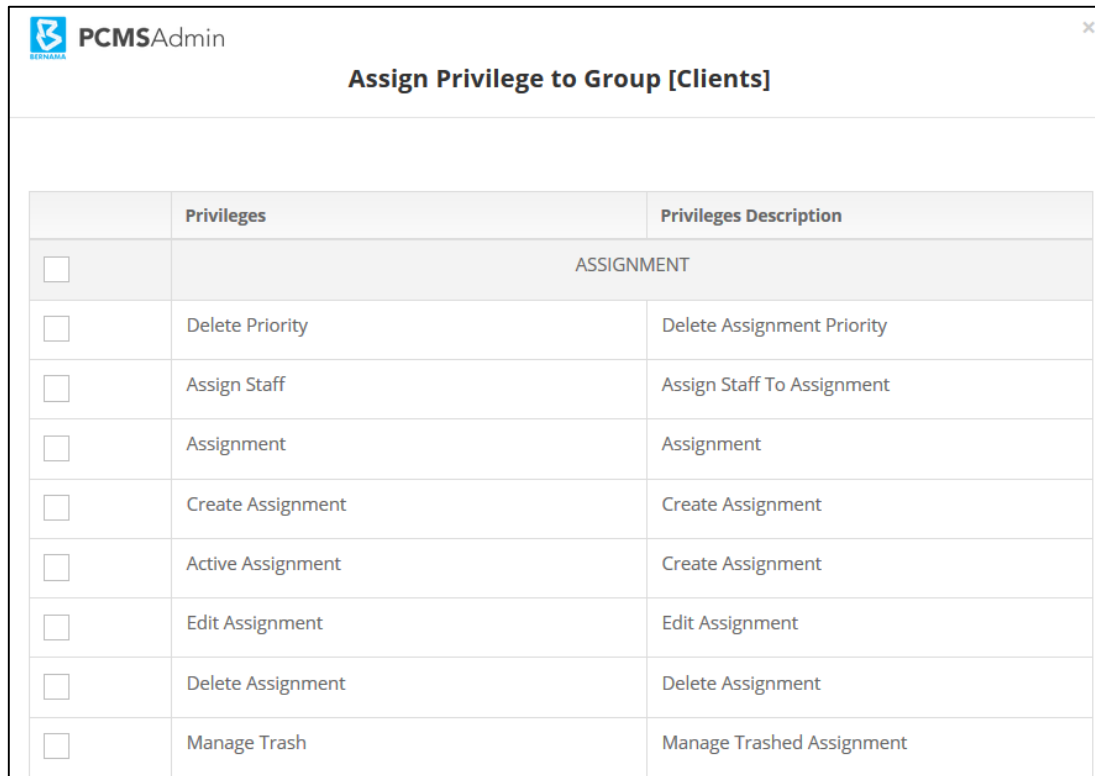
3.4.3 Form Parameter

Request Parameter	Description	Type	Default	Required
Privileges	List of privileges	Checkbox	N/A	No

3.4.4 Error Message

N/A

3.4.5 Screen Layout

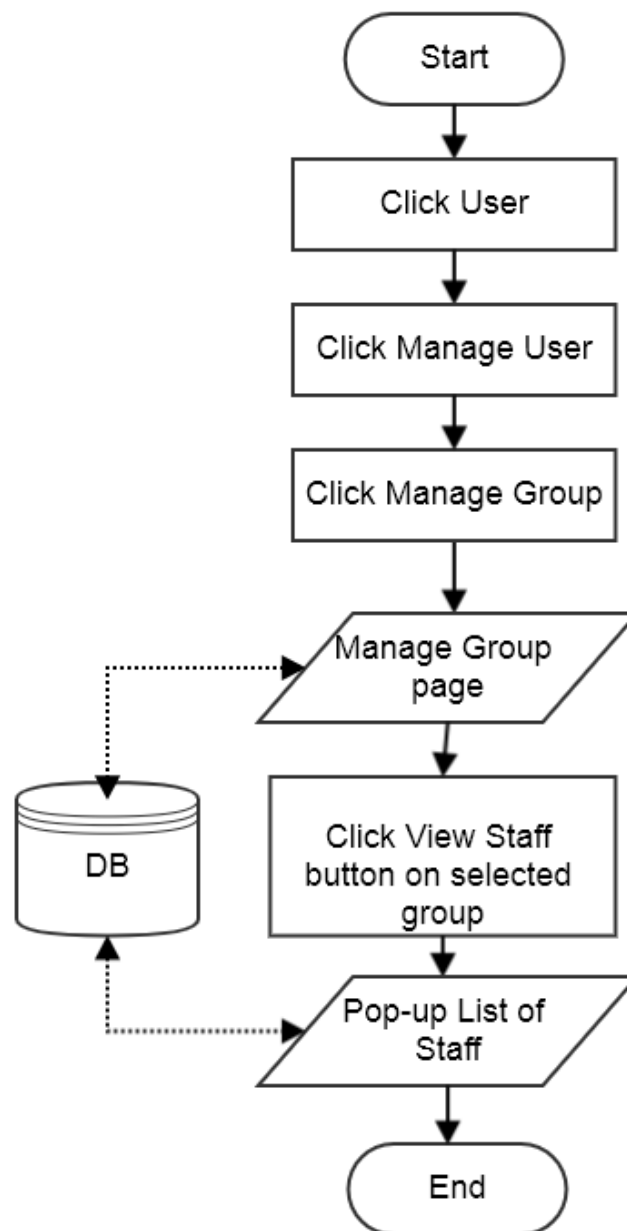


	Privileges	Privileges Description
☐	ASSIGNMENT	
☐	Delete Priority	Delete Assignment Priority
☐	Assign Staff	Assign Staff To Assignment
☐	Assignment	Assignment
☐	Create Assignment	Create Assignment
☐	Active Assignment	Create Assignment
☐	Edit Assignment	Edit Assignment
☐	Delete Assignment	Delete Assignment
☐	Manage Trash	Manage Trashed Assignment

Screen Layout: Assign Privilege to Group

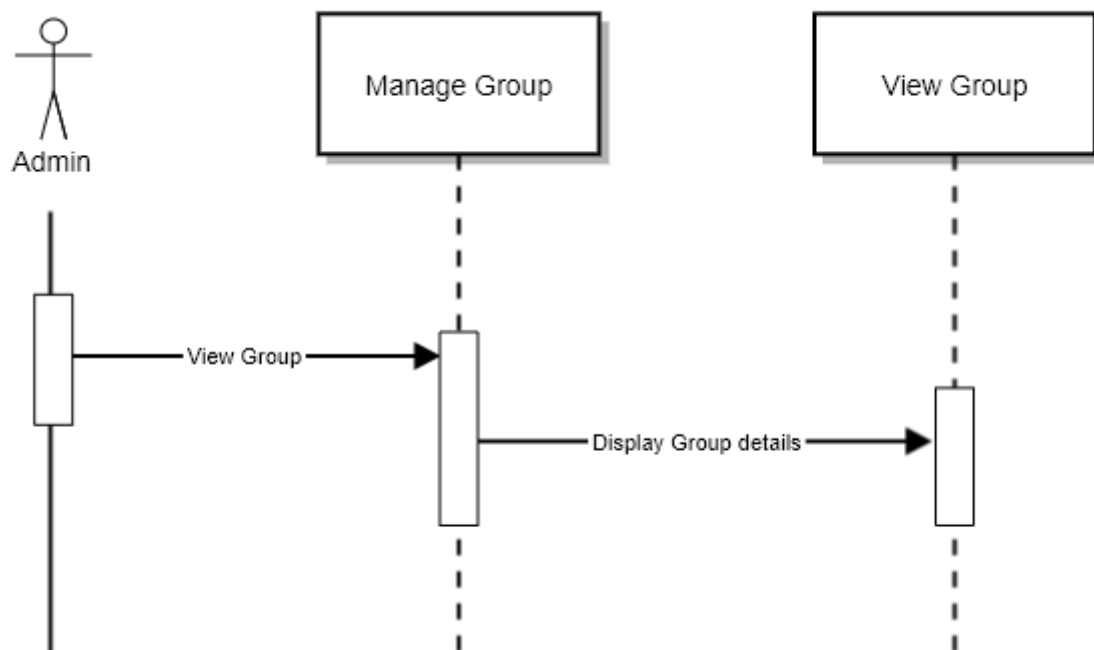
3.5 View Group

3.5.1 Flowchart



Flowchart: View Group

3.5.2 Sequence Diagram



Sequence Diagram: View Group

3.5.3 Form Parameter

N/A

3.5.4 Error Message

N/A

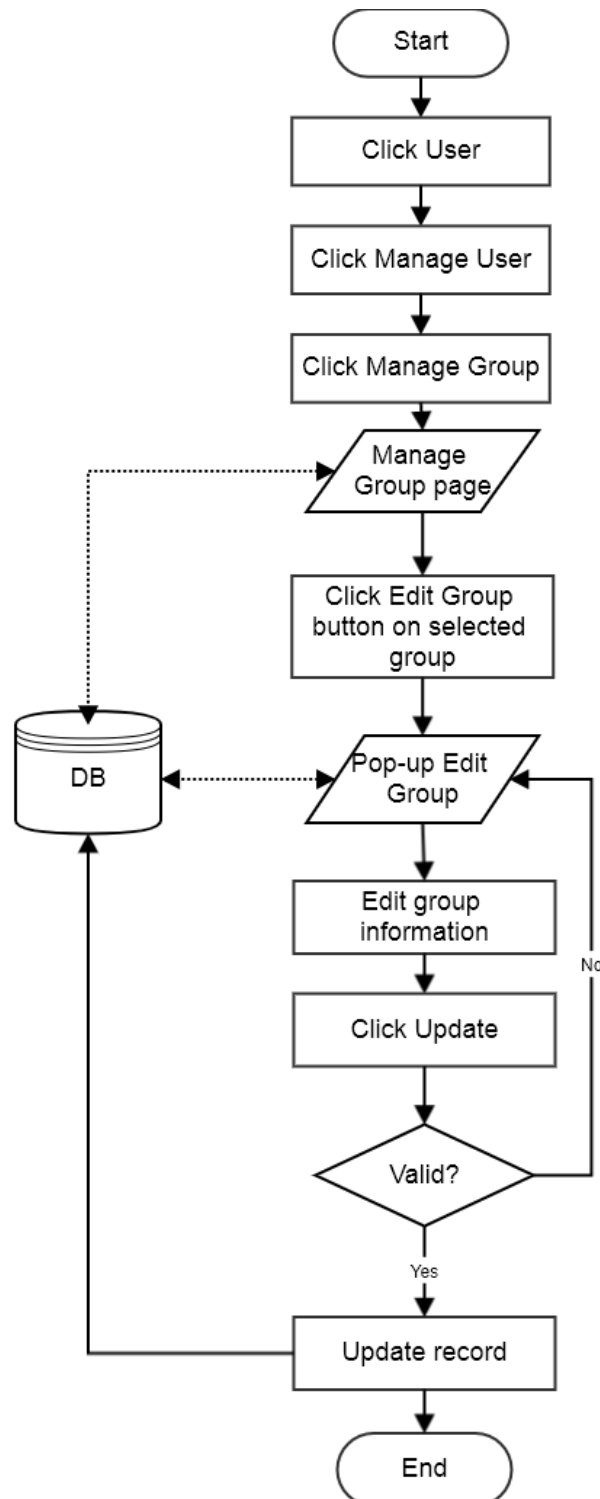
3.5.5 Screen Layout

List of Staff	
Username	Full Name
coba123	Coba 123
iproperty	Debbie Pereira
datelinemedia	Ahmad Sabri Yusof
leeuser	Leeuser Test
trbl	Dean Trbl
Close	

Screen Layout: View Group

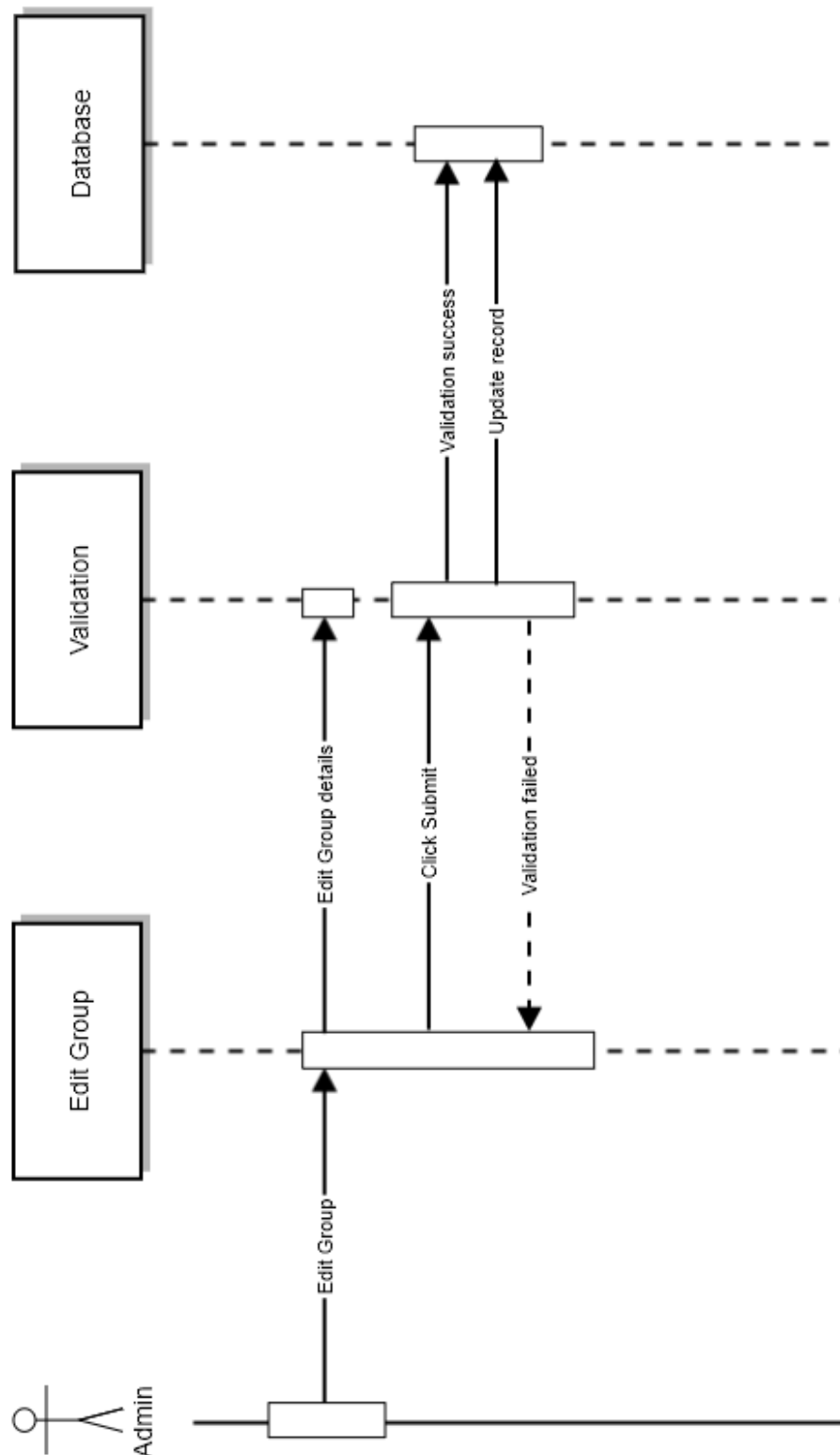
3.6 Edit Group

3.6.1 Flowchart



Flowchart: Edit Group

3.6.2 Sequence Diagram



Sequence Diagram: Edit Group

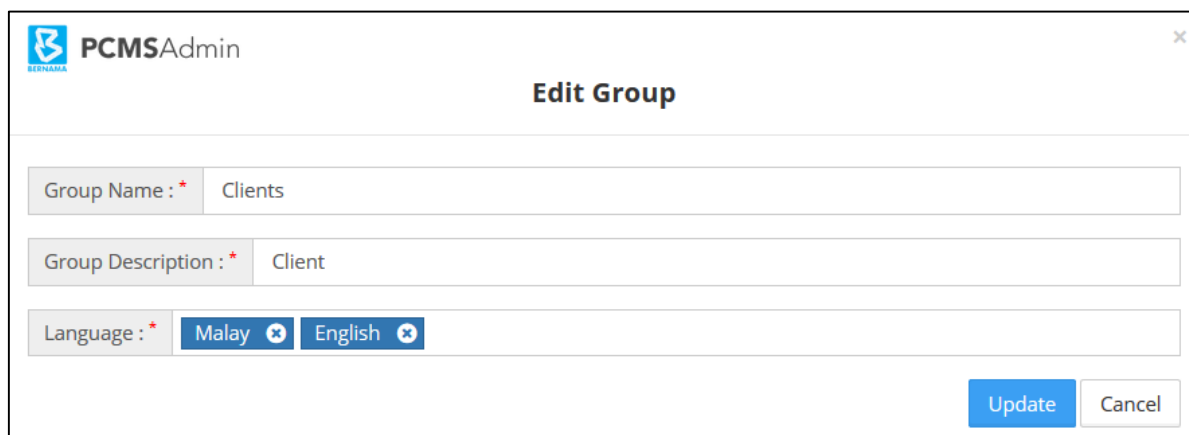
3.6.3 Form Parameter

Request Parameter	Description	Type	Default	Required
Group Name	Edit group name	Text	Previously saved data	Yes
Group Description	Description of the group	Text	Previously saved data	Yes
Language	News language for selected group	Dropdown	Previously saved data	Yes

3.6.4 Error Message

No	Message	Type	Description
1	The Group Name field is required	Alert	Field cannot be null
2	The Group Description field is required	Alert	Field cannot be null
3	The Language field is required	Alert	Field cannot be null
4	The name has already been taken.	Alert	Group Name is unique

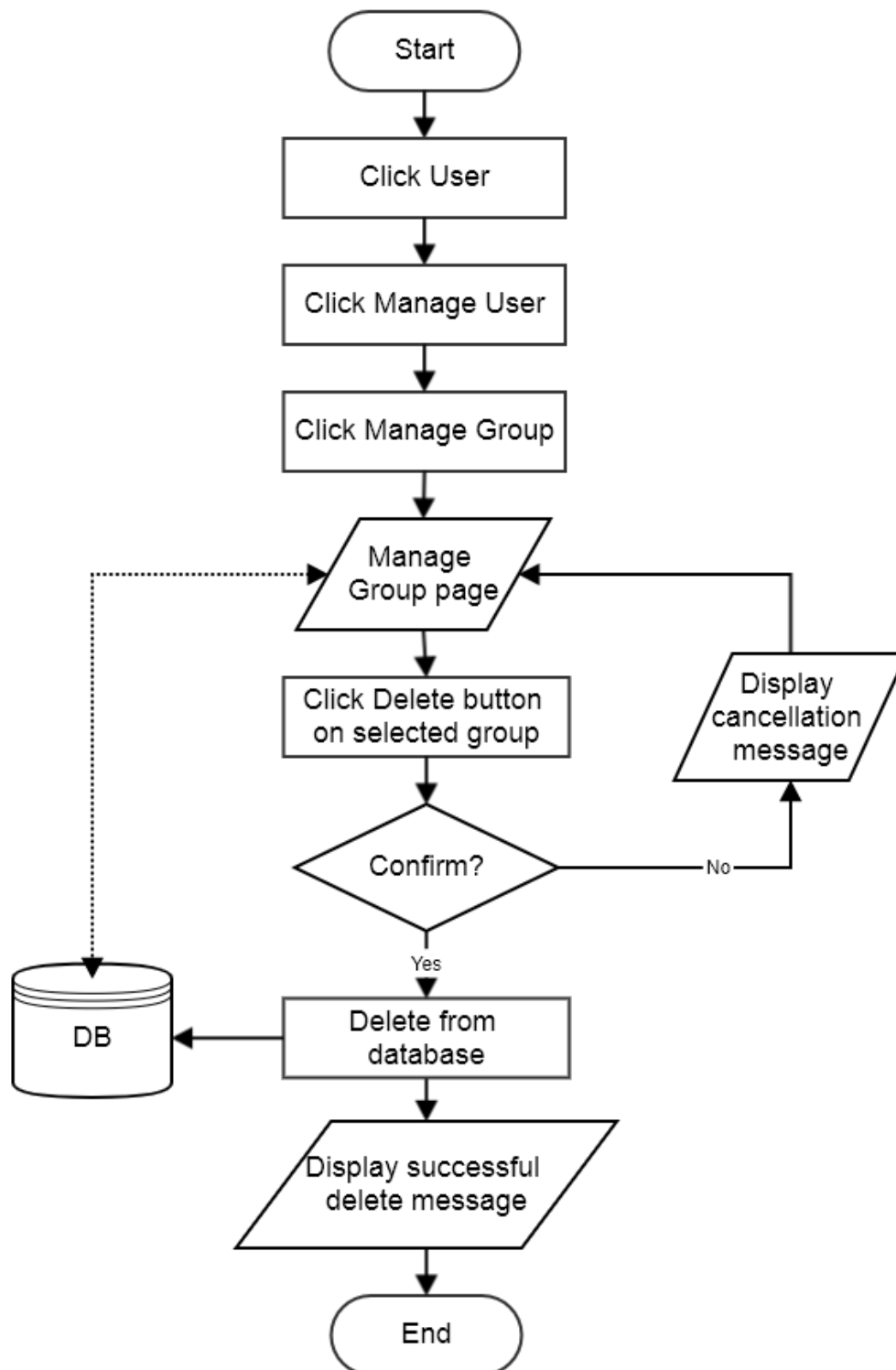
3.6.5 Screen Layout



Screen Layout: Edit Group

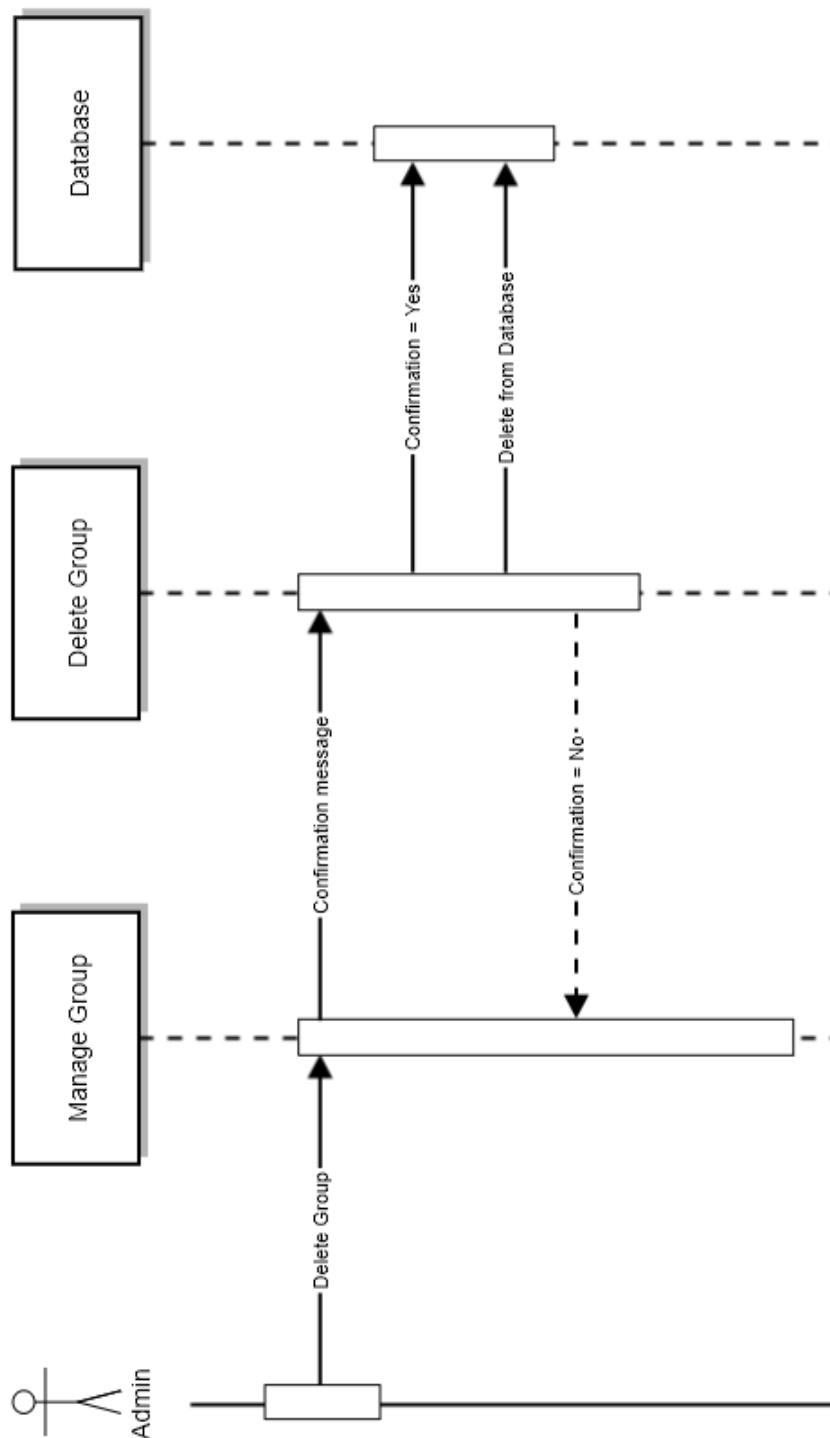
3.7 Delete Group

3.7.1 Flowchart



Flowchart: Delete Group

3.7.2 Sequence Diagram



Sequence Diagram: Delete Group

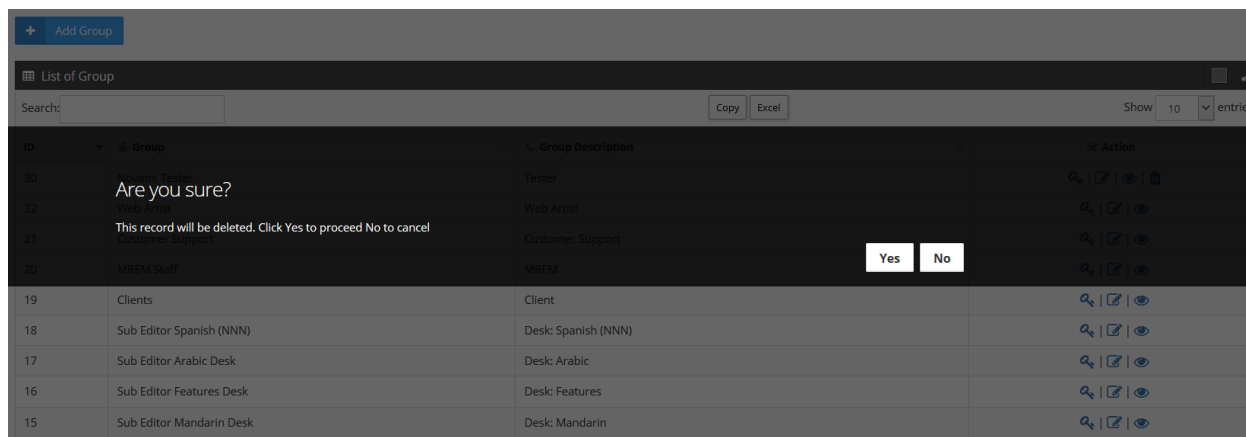
3.7.3 Form Parameter

N/A

3.7.4 Error Message

N/A

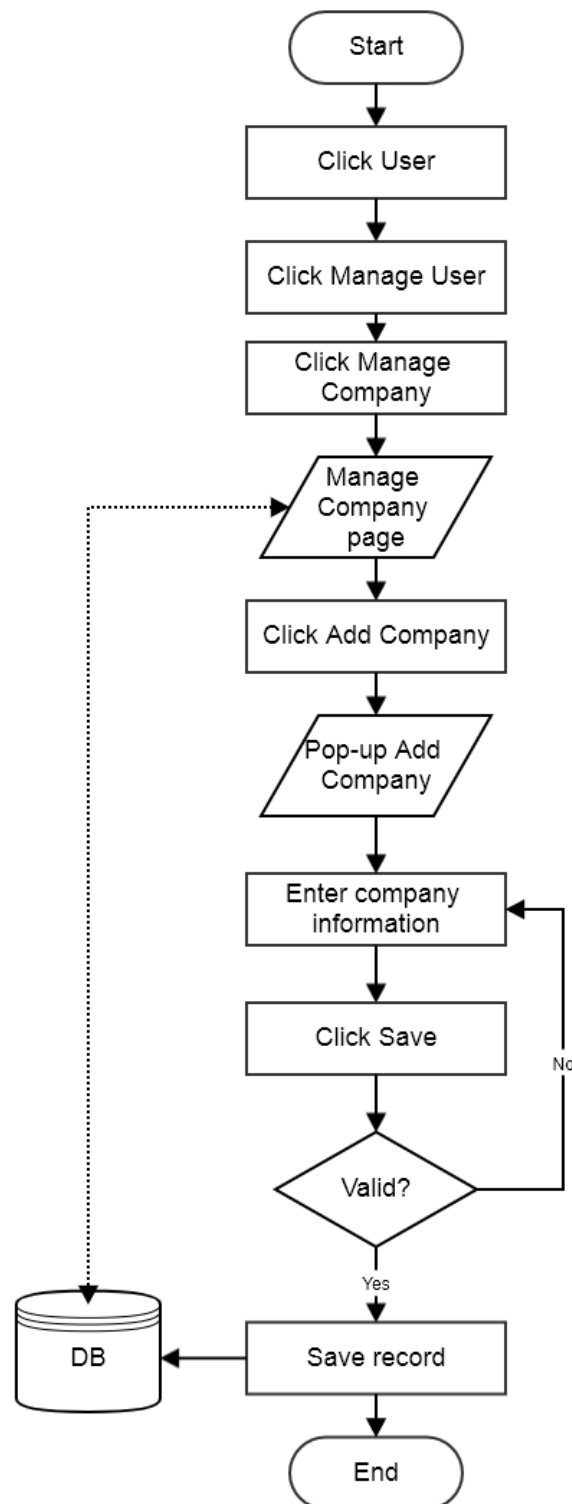
3.7.5 Screen Layout



Screen Layout: Delete Group

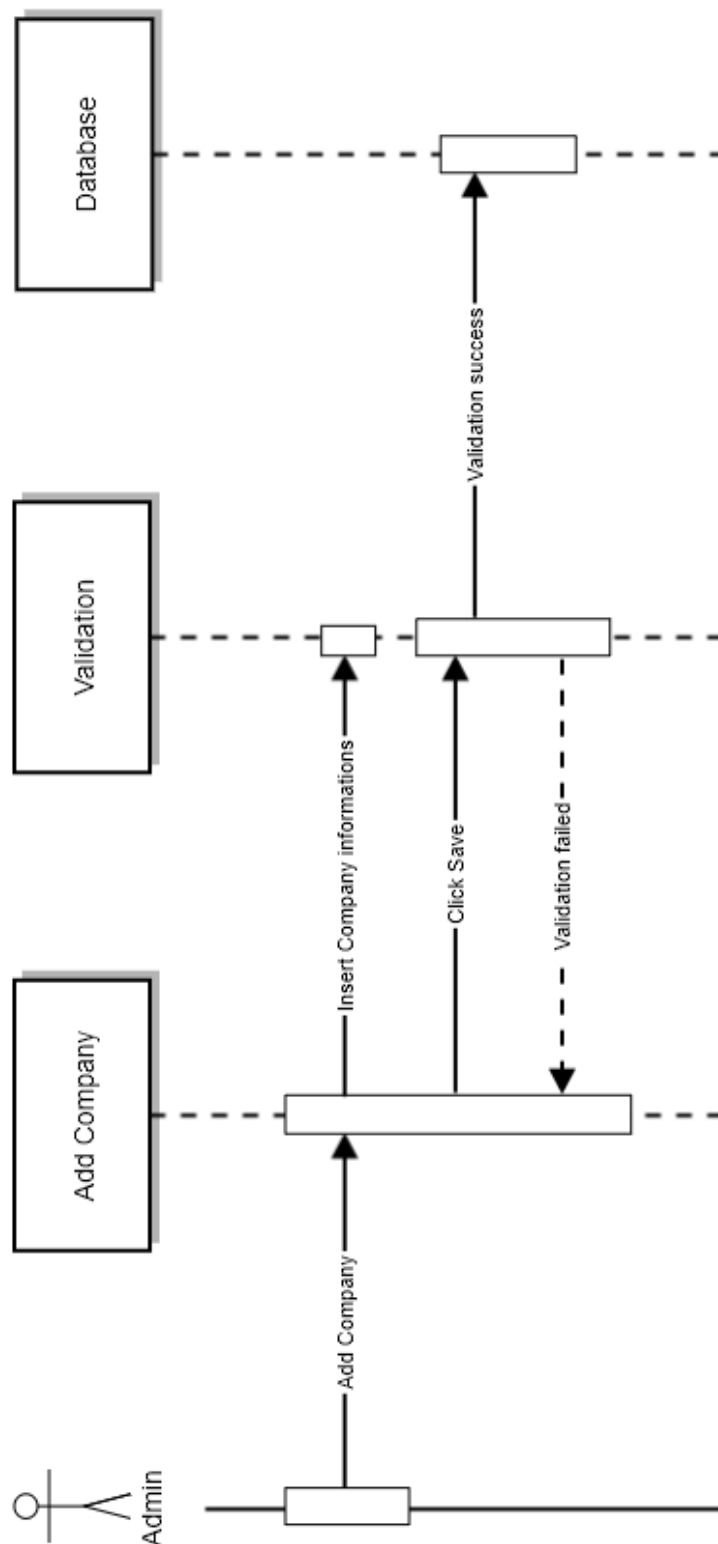
3.8 Add Company

3.8.1 Flowchart



Flowchart: Add Company

3.8.2 Sequence Diagram



Sequence Diagram: Add Company

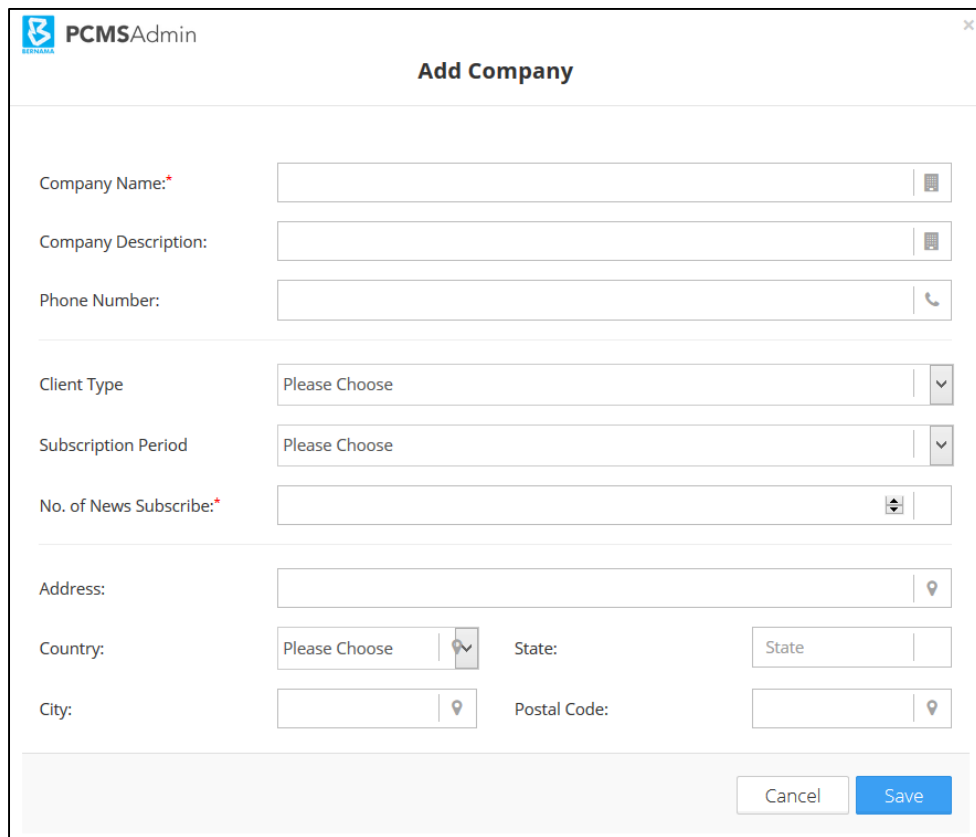
3.8.3 Form Parameter

Request Parameter	Description	Type	Default	Required
Company Name	Company name	Text	N/A	Yes
Company Description	Description of company	Text	N/A	No
Phone Number	Company's phone number	Text	N/A	No
Client Type	Type of client	Dropdown	N/A	Yes
Options	Options for send news subscription	Checkbox	Email	Yes when client type= send
Database	Source for user grab news	Dropdown	N/A	Yes when client type =grab
Subscription Period	Subscription period for company	Dropdown	N/A	No
No. of News Subscribe	Total number of news that company subscribe	Number	N/A	Yes
Address	Company's Address	Text	N/A	No
Country	Country	Dropdown	N/A	No
City	City	Text	N/A	No
State	State	Text	N/A	No
Postal Code	Postal Code	Text	N/A	No

3.8.4 Error Message

No	Message	Type	Description
1	The company name field is required	Alert	Field cannot be null
2	The company client type field is required	Alert	Field cannot be null
3	The company sub type field is required	Alert	Field cannot be null
4	The num of sub field is required	Alert	Field cannot be null
5	The company name has already taken	Alert	Company name is unique

3.8.5 Screen Layout



PCMSAdmin

Add Company

Company Name:*

Company Description:

Phone Number:

Client Type: Please Choose

Subscription Period: Please Choose

No. of News Subscribe:*

Address:

Country: Please Choose

State: State

City:

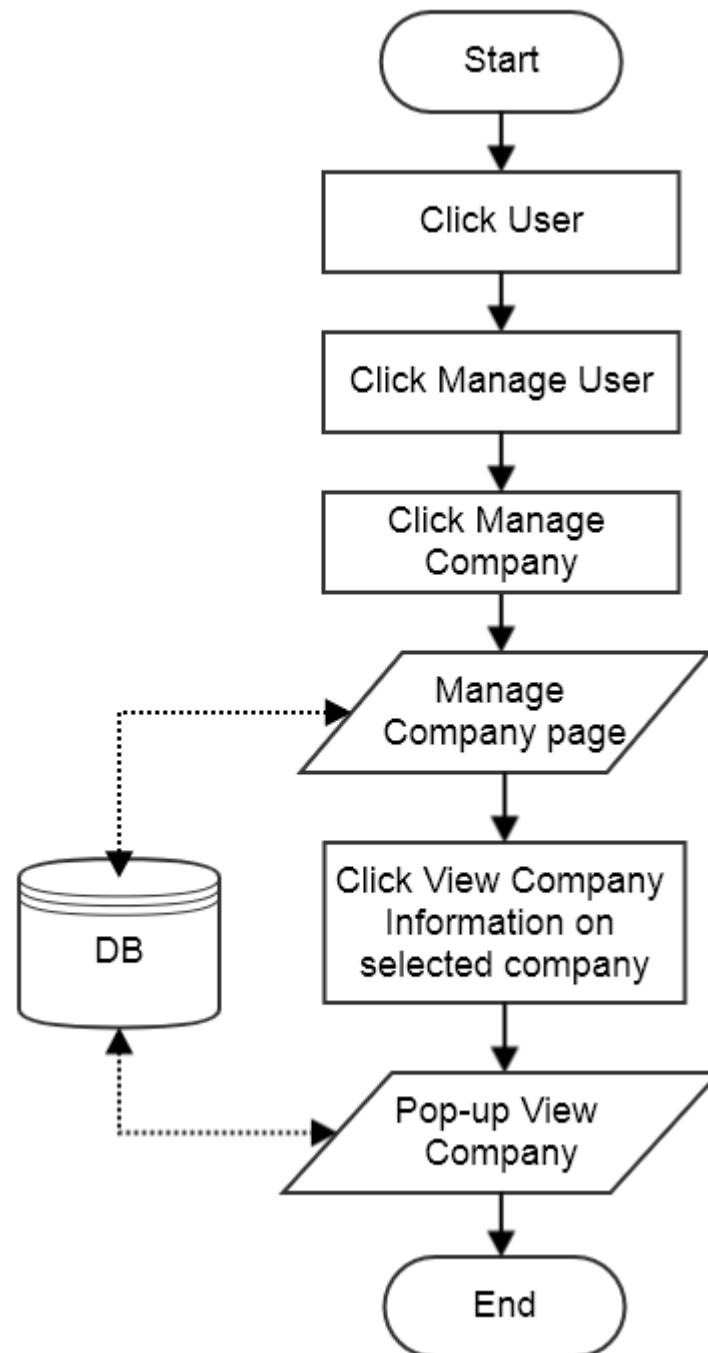
Postal Code:

Cancel Save

Screen Layout: Add Company

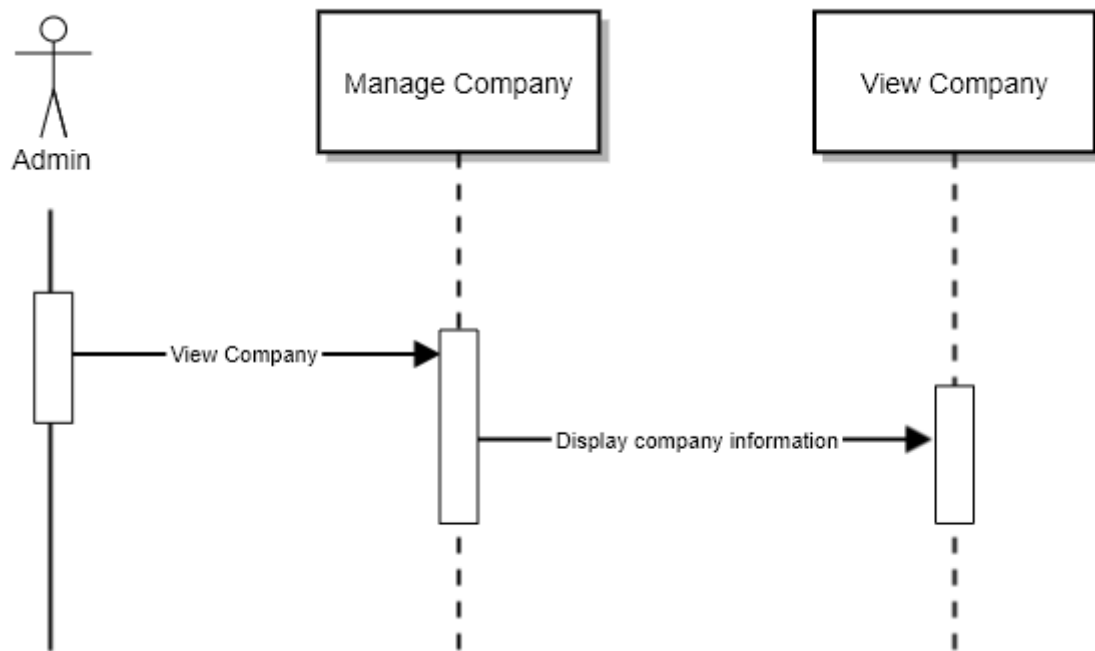
3.9 View Company

3.9.1 Flowchart



Flowchart: View Company

3.9.2 Sequence Diagram



Sequence Diagram: View Company

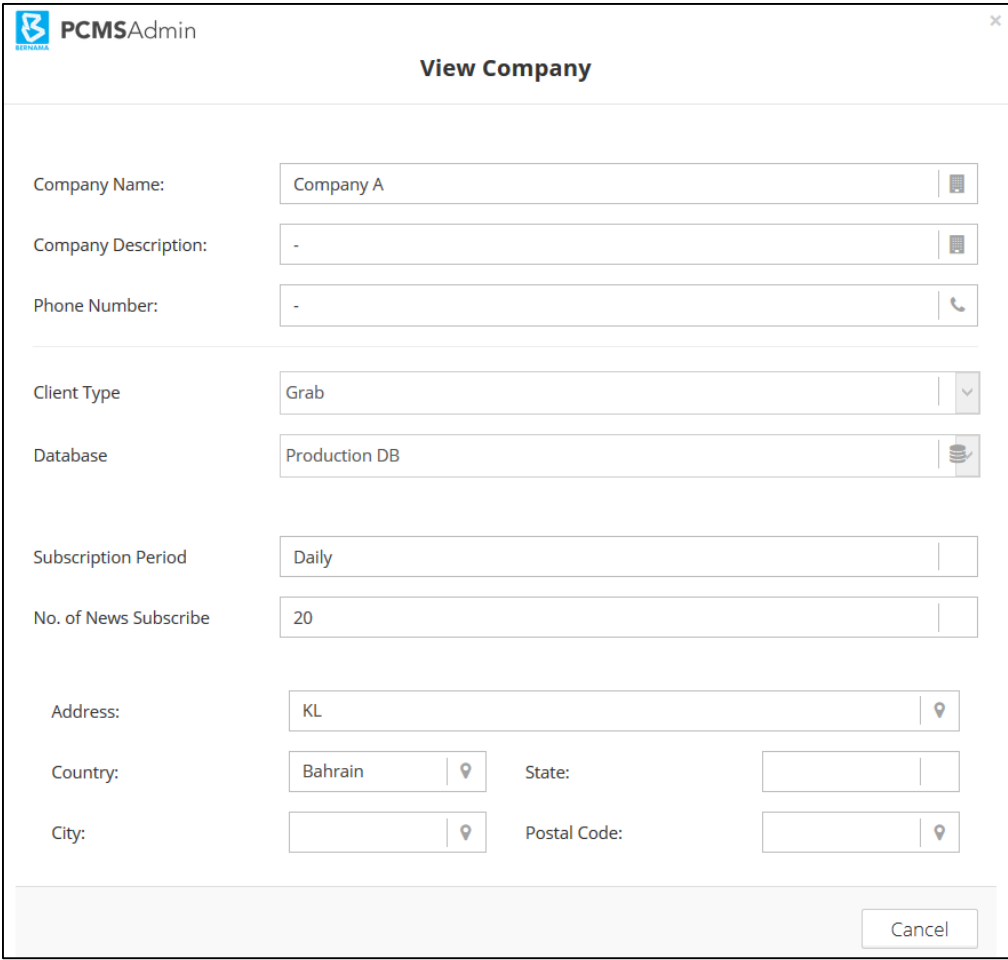
3.9.3 Form Parameter

N/A

3.9.4 Error Message

N/A

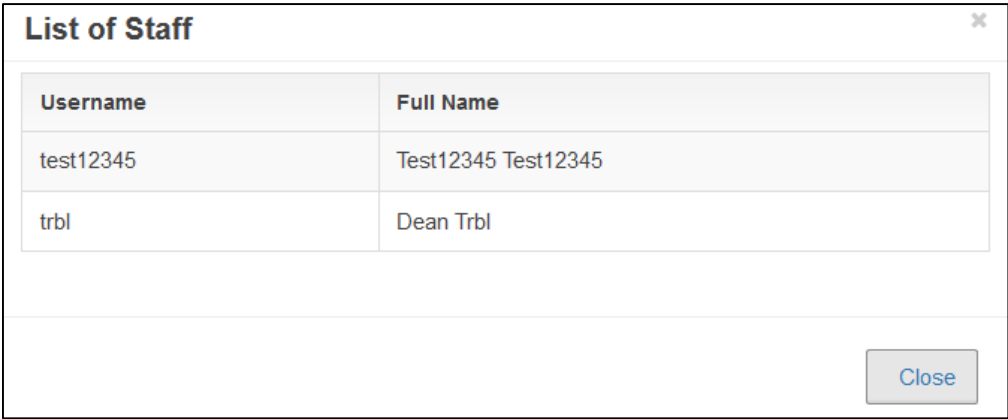
3.9.5 Screen Layout



The 'View Company' form in PCMSAdmin contains the following fields:

- Company Name: Text input with value 'Company A' and a document icon.
- Company Description: Text input with value '-' and a document icon.
- Phone Number: Text input with value '-' and a phone icon.
- Client Type: Dropdown menu with value 'Grab'.
- Database: Text input with value 'Production DB' and a database icon.
- Subscription Period: Text input with value 'Daily'.
- No. of News Subscribe: Text input with value '20'.
- Address: Text input with value 'KL' and a location pin icon.
- Country: Dropdown menu with value 'Bahrain' and a location pin icon.
- State: Text input.
- City: Text input with a location pin icon.
- Postal Code: Text input with a location pin icon.
- Cancel button at the bottom right.

Screen Layout: View Company Details



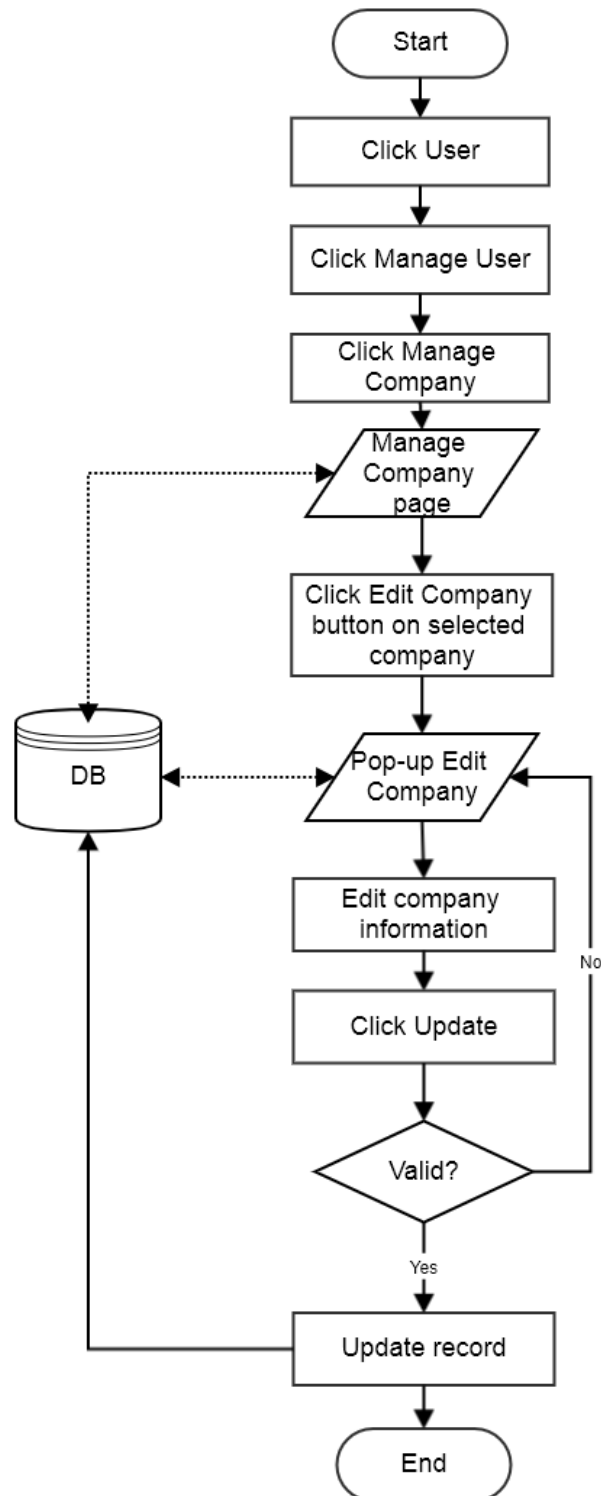
Username	Full Name
test12345	Test12345 Test12345
trbl	Dean Trbl

Close button at the bottom right.

Screen Layout: View Staff

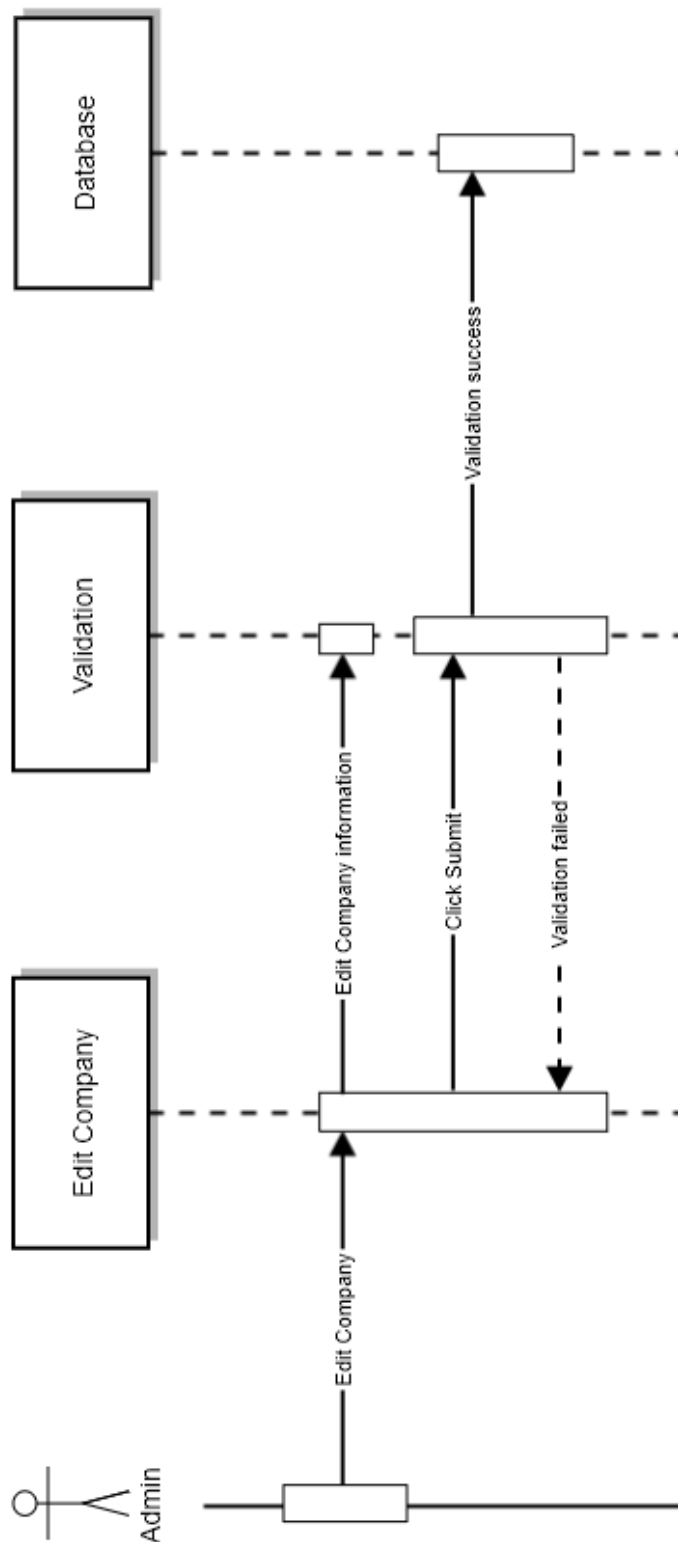
3.10 Edit Company

3.10.1 Flowchart



Flowchart: Edit Company

3.10.2 Sequence Diagram



Sequence Diagram: Edit Company

3.10.3 Form Parameter

Request Parameter	Description	Type	Default	Required
Company Name	Company name	Text	Previously saved data	Yes
Company Description	Description of company	Text	Previously saved data	No
Phone Number	Company's phone number	Text	Previously saved data	No
Client Type	Type of client	Dropdown	Previously saved data	Yes
Options	Options for send news subscription	Checkbox	Previously saved data	Yes When Client Type = Send
Database	Source for user grab news	Dropdown	Previously saved data	Yes When Client Type = Grab
Subscription Period	Subscription period for company	Dropdown	Previously saved data	No
No. of News Subscribe	Total number of news that company subscribe	Number	Previously saved data	Yes
Address	Company's Address	Text	Previously saved data	No
Country	Country	Dropdown	Previously saved data	No
City	City	Text	Previously saved data	No
State	State	Text	Previously saved data	No
Postal Code	Postal Code	Text	Previously saved data	No

3.10.4 Error Message

No	Message	Type	Description
1	The company name field is required	Alert	Field cannot be null
2	The company client type field is required	Alert	Field cannot be null
3	The company sub type field is required	Alert	Field cannot be null
4	The num of sub field is required	Alert	Field cannot be null
5	The company name has already taken	Alert	Company name is unique

3.10.5 Screen Layout

 PCMSAdmin

×

Edit Company

Company Name:^{*}

Company A

Company Description:

-

Phone Number:

-

Client Type

Grab

Database

Production DB

Subscription Period

Daily

No. of News Subscribe:^{*}

20

Address:

KL

Country:

Bahrain

State:

State

City:

Company City

Postal Code:

Postal Code

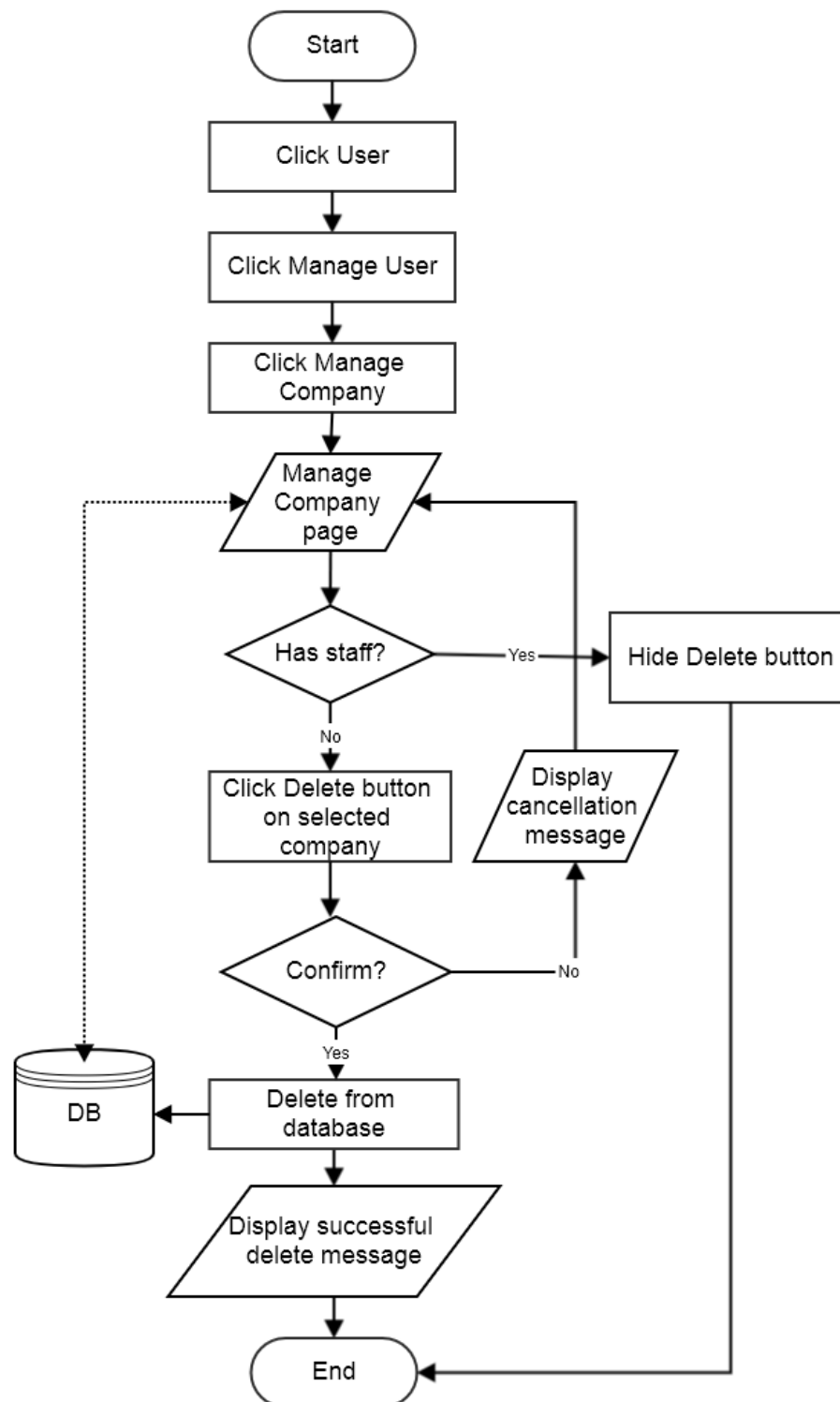
Cancel

Update

Screen Layout: Edit Company

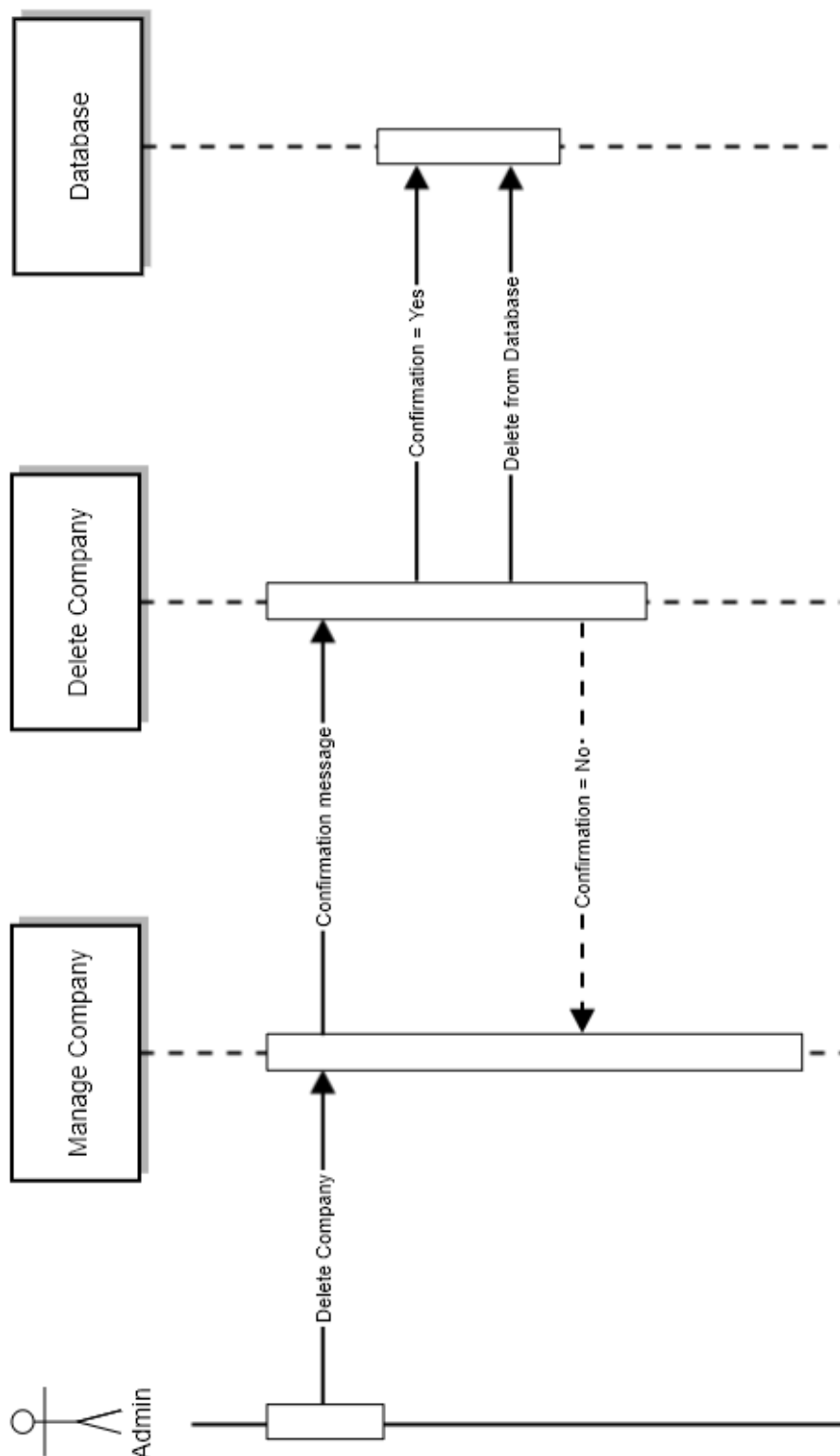
3.11 Delete Company

3.11.1 Flowchart



Flowchart: Delete Company

3.11.2 Sequence Diagram



Sequence Diagram: Delete Company

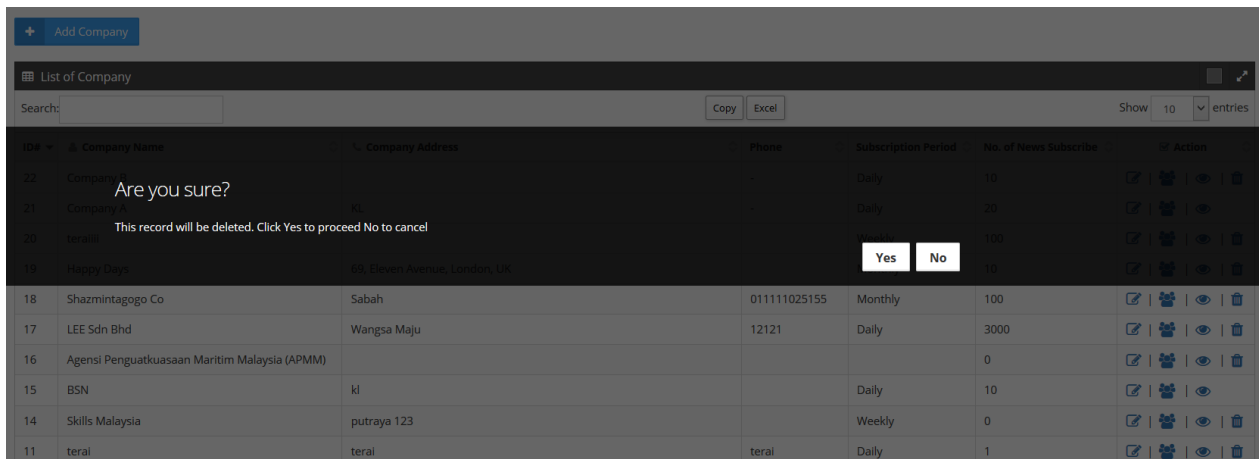
3.11.3 Form Parameter

N/A

3.11.4 Error Message

N/A

3.11.5 Screen Layout



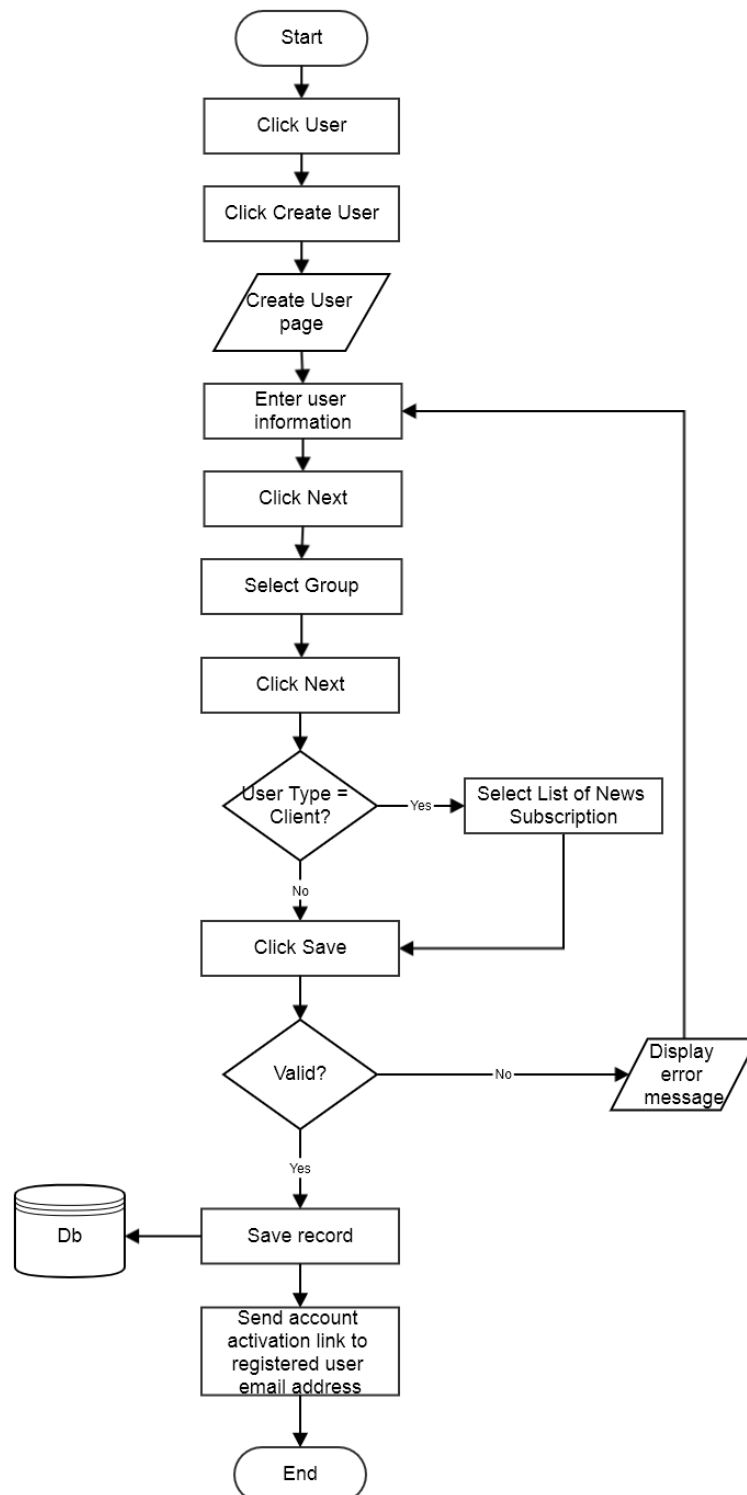
The screenshot shows a web application interface for managing a list of companies. At the top, there is a '+ Add Company' button. Below it is a 'List of Company' header with a search bar and 'Copy' and 'Excel' buttons. The table below has columns: ID#, Company Name, Company Address, Phone, Subscription Period, No. of News Subscribe, and Action. A confirmation dialog is overlaid on the table, asking 'Are you sure?' and stating 'This record will be deleted. Click Yes to proceed No to cancel'. The dialog has 'Yes' and 'No' buttons. The table data is as follows:

ID#	Company Name	Company Address	Phone	Subscription Period	No. of News Subscribe	Action
22	Company A			Daily	10	[Edit] [Add] [View] [Delete]
21	Company A	KI		Daily	20	[Edit] [Add] [View] [Delete]
20	terai			Monthly	100	[Edit] [Add] [View] [Delete]
19	Happy Days	89, Eleven Avenue, London, UK			10	[Edit] [Add] [View] [Delete]
18	Shazmintagogo Co	Sabah	011111025155	Monthly	100	[Edit] [Add] [View] [Delete]
17	LEE Sdn Bhd	Wangsa Maju	12121	Daily	3000	[Edit] [Add] [View] [Delete]
16	Agensi Penguatkuasaan Maritim Malaysia (APMM)				0	[Edit] [Add] [View] [Delete]
15	BSN	KI		Daily	10	[Edit] [Add] [View] [Delete]
14	Skills Malaysia	putraya 123		Weekly	0	[Edit] [Add] [View] [Delete]
11	terai	terai	terai	Daily	1	[Edit] [Add] [View] [Delete]

Screen Layout: Delete Company

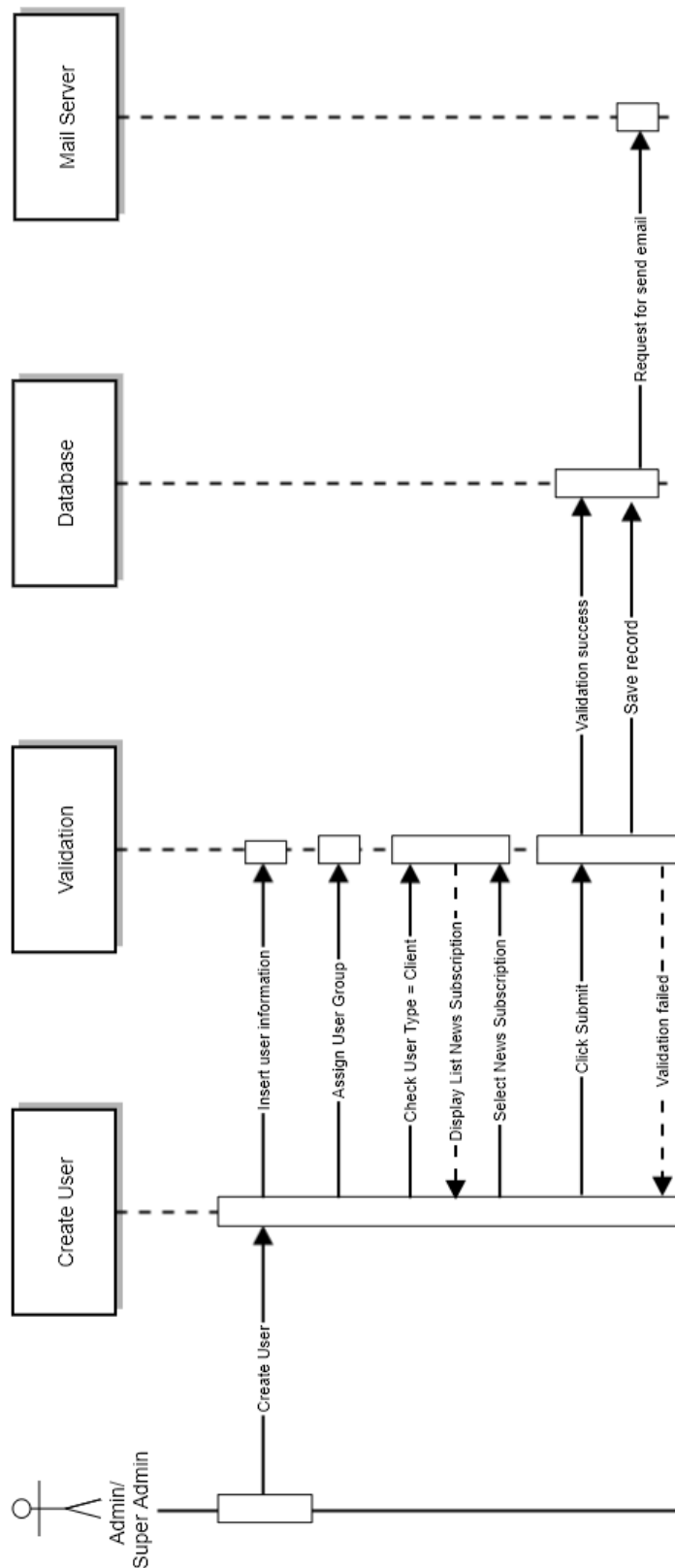
3.12 Create User

3.12.1 Flowchart



Flowchart: Create User

3.12.2 Sequence Diagram



Sequence Diagram: Create Use

3.12.3 Form Parameter

Request Parameter	Description	Type	Default	Required
First Name	User's first name	Text	N/A	Yes
Last Name	User's last name	Text	N/A	Yes
Email	Email address	Email	N/A	Yes
Phone	Phone number	Text	N/A	No
Birthdate	User's birthdate	Date	N/A	Yes
Gender	User's gender	Dropdown	N/A	Yes
Address	User's address	Text	N/A	No
Country	Country	Dropdown	N/A	Yes
State	State	Text	N/A	Yes
City	City	Text	N/A	No
Postal Code	Postal Code	Text	N/A	No
Username	Username	Text	N/A	Yes
Status	User's status	Dropdown	N/A	Yes
User Type	User type in the system	Dropdown	N/A	Yes
Company	Company	Dropdown	N/A	Yes
Designation	User's designation	Text	N/A	No
Company Email	User's second email	Text	N/A	No
Select Group	User's group	Dropdown	N/A	No

3.12.4 Error Message

No	Message	Type	Description
1	The email must be a valid email address	Alert	Invalid format
2	The user first name field is required	Alert	Field cannot be null
3	The user last name field is required	Alert	Field cannot be null
4	The email field is required	Alert	Field cannot be null
5	The user DOB field is required	Alert	Field cannot be null
6	The user gender field is required	Alert	Field cannot be null
7	The user state field is required	Alert	Field cannot be null
8	The Username field is required	Alert	Field cannot be null
9	The user status field is required	Alert	Field cannot be null
10	The user type field us required	Alert	Field cannot be null
11	The company id field is required	Alert	Field cannot be null
12	The username has already been taken	Alert	Username is unique
13	The email has already been taken	Alert	Email is unique

3.12.5 Screen Layout

User Information

 Create User

✓ Create New User

1

User information

2

Assign Group

3

Subscription (for Client Type: Grab only)

1. User Information

First Name:  *

First Name

Last name:  *

Last Name

Email:  *

Email

Phone:  +60

Birthdate:  *

Gender:  *

Please Choose

Address: Address

Country:  *

Please Choose

State:  *

State

City:  City

Postal Code:  Postal Code

System Information

Username:  *

Username

Status:  *

Please Choose

User Type:  *

Please Choose

Company Information

Company:  *

 Please Choose

Designation:  Designation

Company Email:  Company Email

Address: Address

Country:  Country

State:  State

City:  City

Postal Code:  Postal Code

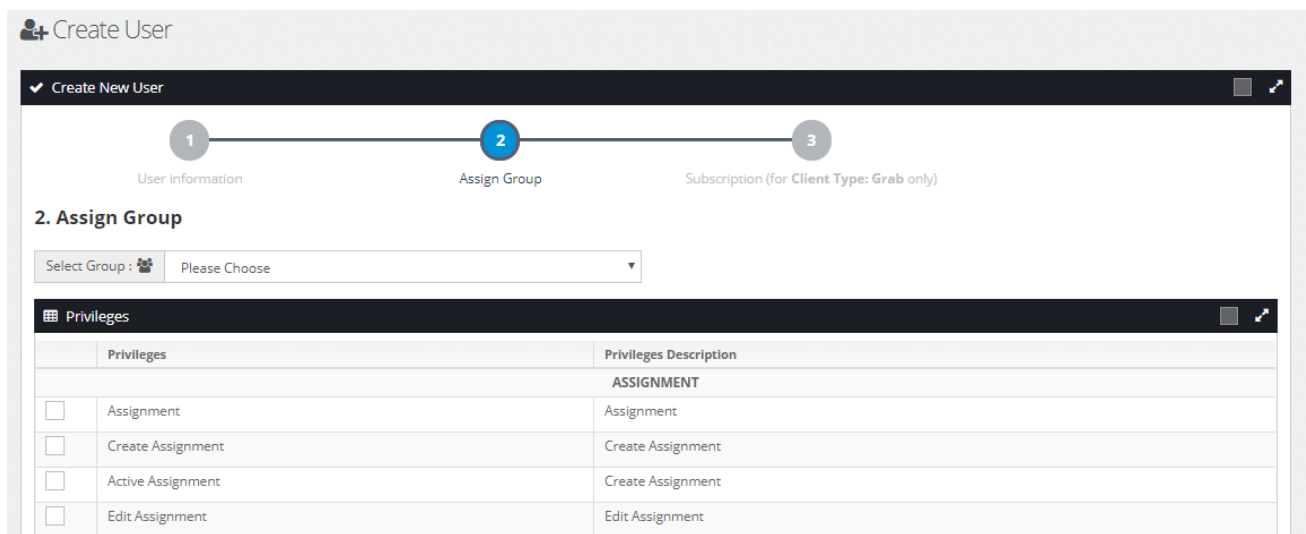
Previous

Next

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Assign Group



Create User

✓ Create New User

1 User information 2 Assign Group 3 Subscription (for Client Type: Grab only)

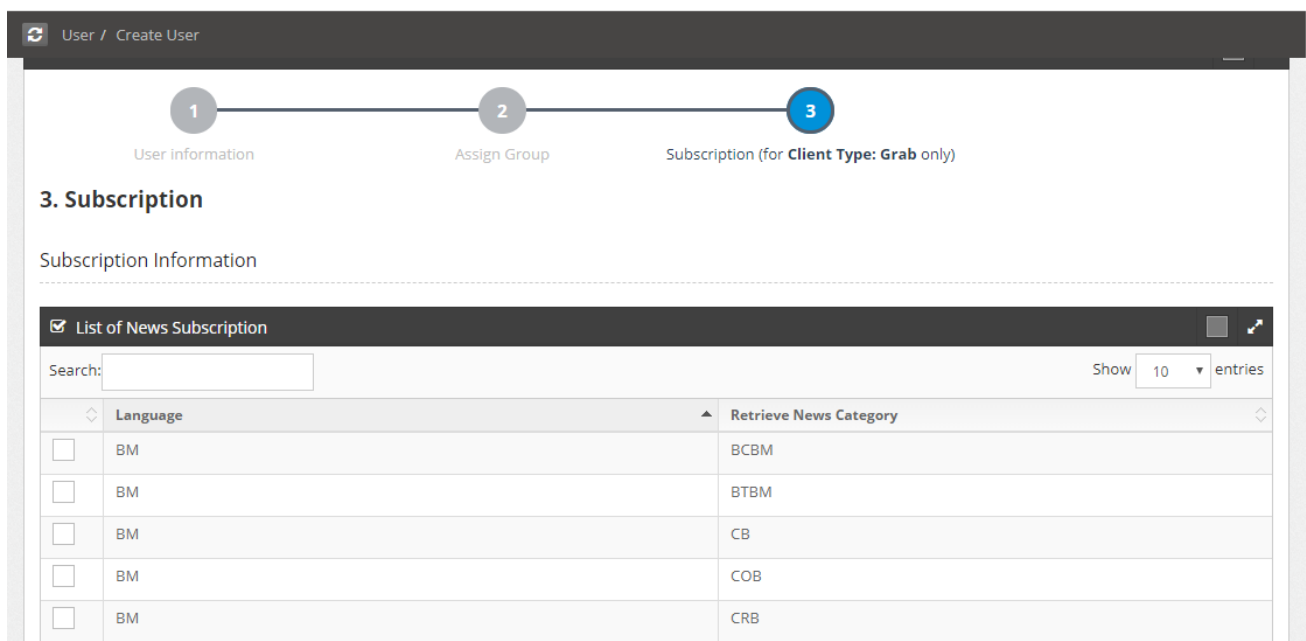
2. Assign Group

Select Group :  Please Choose ▼

Privileges

Privileges	Privileges Description
ASSIGNMENT	
☐ Assignment	Assignment
☐ Create Assignment	Create Assignment
☐ Active Assignment	Create Assignment
☐ Edit Assignment	Edit Assignment

Subscription (for Client Type: Grab only)



User / Create User

1 User information 2 Assign Group 3 Subscription (for Client Type: Grab only)

3. Subscription

Subscription Information

✓ List of News Subscription

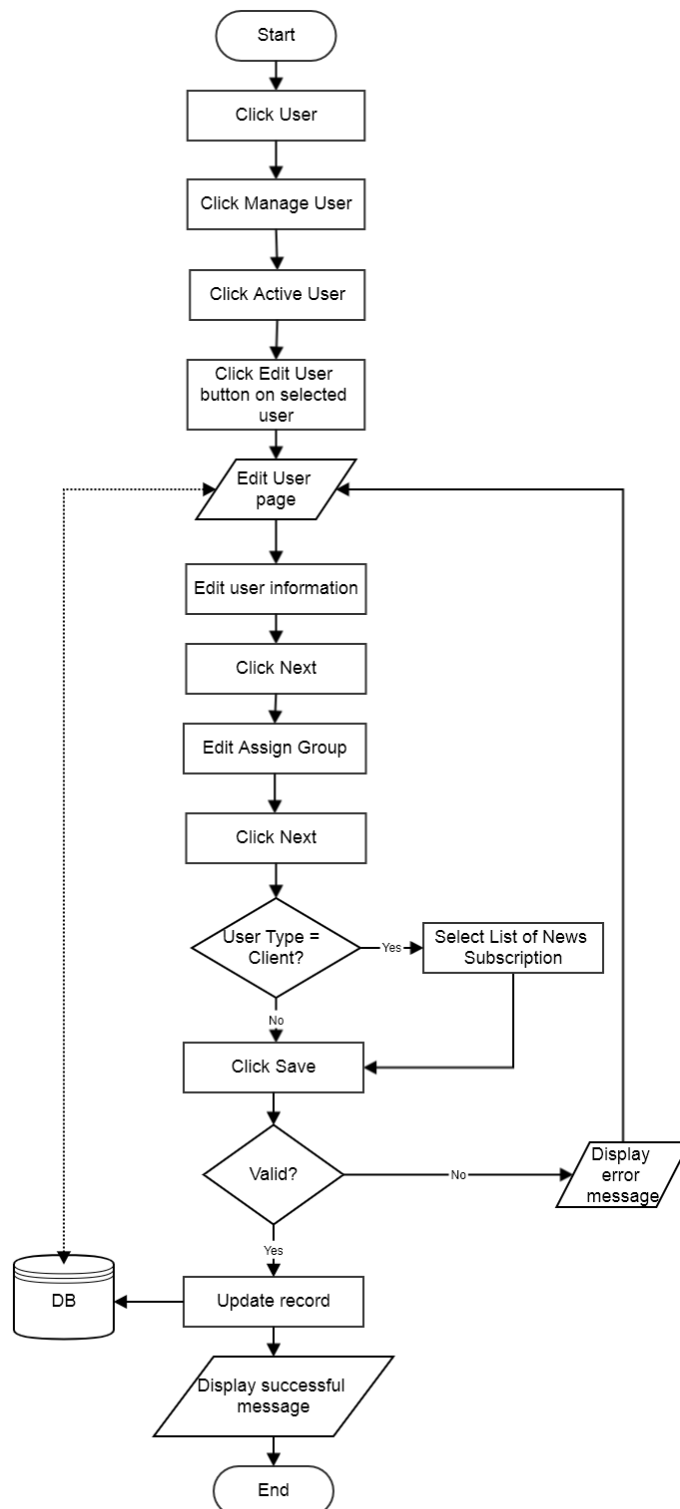
Search: Show 10 entries

Language	Retrieve News Category
☐ BM	BCBM
☐ BM	BTBM
☐ BM	CB
☐ BM	COB
☐ BM	CRB

Screen Layout: Create User

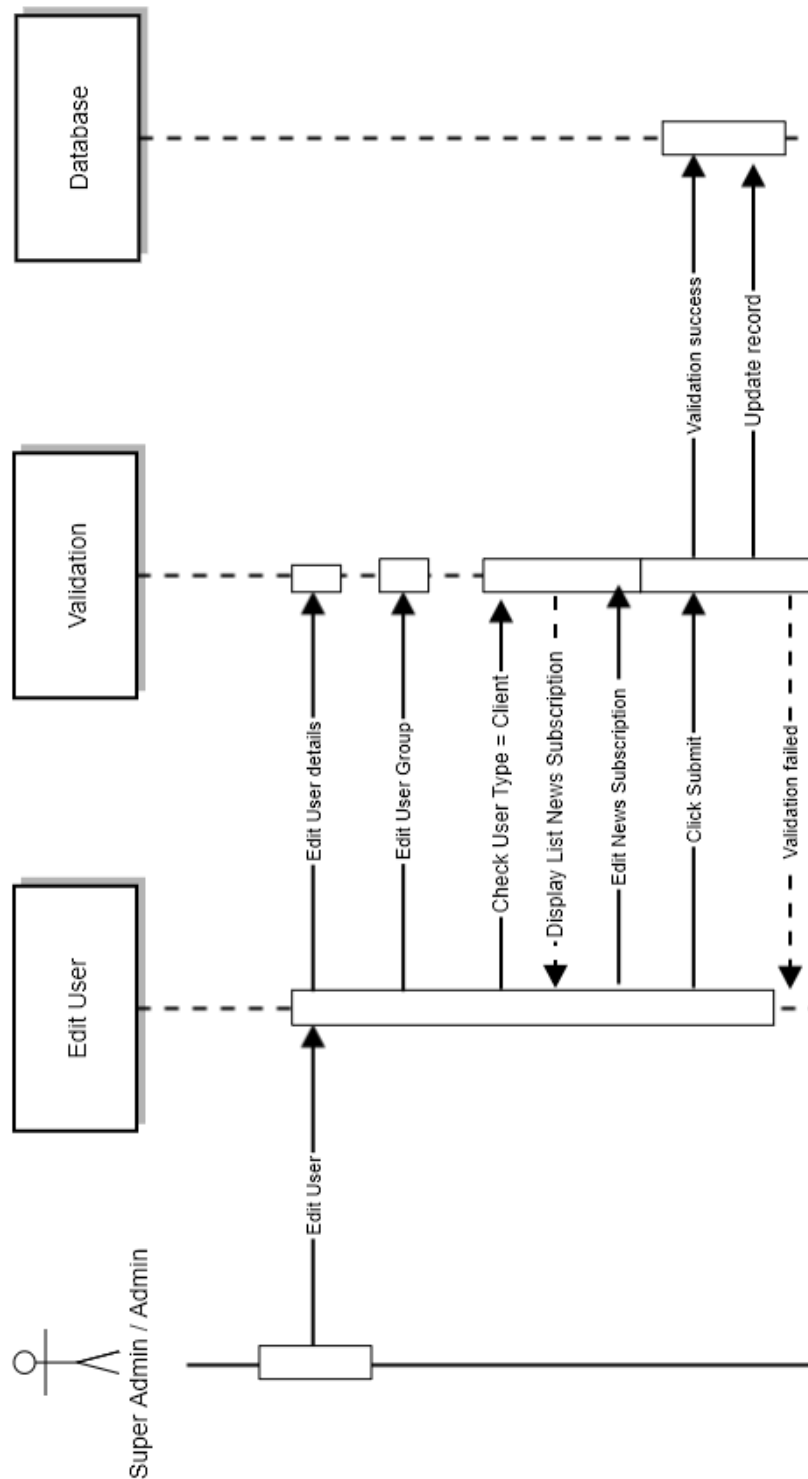
3.13 Edit User

3.13.1 Flowchart



Flowchart: Edit User

3.13.2 Sequence Diagram



Sequence Diagram: Edit User

3.13.3 Form Parameter

Request Parameter	Description	Type	Default	Required
First Name	User's first name	Text	Previously saved data	Yes
Last Name	User's last name	Text	Previously saved data	Yes
Email	Email address	Email	Previously saved data	Yes
Phone	Phone number	Text	Previously saved data	No
Birthdate	User's birthdate	Date	Previously saved data	Yes
Gender	User's gender	Dropdown	Previously saved data	Yes
Address	User's address	Text	Previously saved data	No
Country	Country	Dropdown	Previously saved data	Yes
State	State	Text	Previously saved data	Yes
City	City	Text	Previously saved data	No
Postal Code	Postal Code	Text	Previously saved data	No
Username	Username	Text	Previously saved data	Yes
Status	User's status	Dropdown	Previously saved data	Yes
User Type	User type in the system	Dropdown	Previously saved data	Yes
Company	Company	Dropdown	Previously saved data	Yes
Designation	User's designation	Text	Previously saved data	No
Company Email	User's second email	Text	Previously saved data	No
Select Group	User's group	Dropdown	Previously saved data	No

3.13.4 Error Message

No	Message	Type	Description
1	The email must be a valid email address	Alert	Invalid format
2	The user first name field is required	Alert	Field cannot be null
3	The user last name field is required	Alert	Field cannot be null
4	The email field is required	Alert	Field cannot be null
5	The user DOB field is required	Alert	Field cannot be null
6	The user gender field is required	Alert	Field cannot be null
7	The user state field is required	Alert	Field cannot be null
8	The Username field is required	Alert	Field cannot be null
9	The user status field is required	Alert	Field cannot be null
10	The user type field is required	Alert	Field cannot be null
11	The company id field is required	Alert	Field cannot be null
12	The username has already been taken	Alert	Username is unique
13	The email has already been taken	Alert	Email is unique

3.13.5 Screen Layout

✓ Edit User - Administrator PCMS

1 User information 2 Assign Group 3 Subscription (Client Only)

1. Edit - User Information

First Name : Administrator Last name : PCMS

Email : admin@pcms.local.com Phone : 111-1111111

Birthdate : 01/01/1990 Gender : Female

Address : My Address

Country : Malaysia State : WP Kuala Lumpur City : Kuala Lumpur Postal Code : 343445

System Information

Username : admin

Status : Active User Type : Administrator

Company Information

Company : NHSB Designation : System Administrator

Company Email : admin@novami.com

Address : No 34Q-1-5, Jalan Wangsa Delima 6, KLSC, Seksyen 5, Wangsa Maju

Country : Malaysia State : Kuala Lumpur City : Kuala Lumpur Postal Code : 53300

Previous Next

✓ Edit User - Administrator PCMS

1 User information 2 Assign Group 3 Subscription (Client Only)

3. Edit - Assign Group

Select Group : Super Admin

Privileges

☐	Privileges	Privileges Description
		ASSIGNMENT
☒	Delete Priority	Delete Assignment Priority
☒	Assign Staff	Assign Staff To Assignment
☒	Assignment	Assignment
☒	Create Assignment	Create Assignment
☒	Active Assignment	Create Assignment
☒	Edit Assignment	Edit Assignment
☒	Delete Assignment	Delete Assignment

1 User information 2 Assign Group 3 Subscription (for Client Type: Grab only)

3. Edit - Subscription

Subscription Information

List of News Subscription

Search:

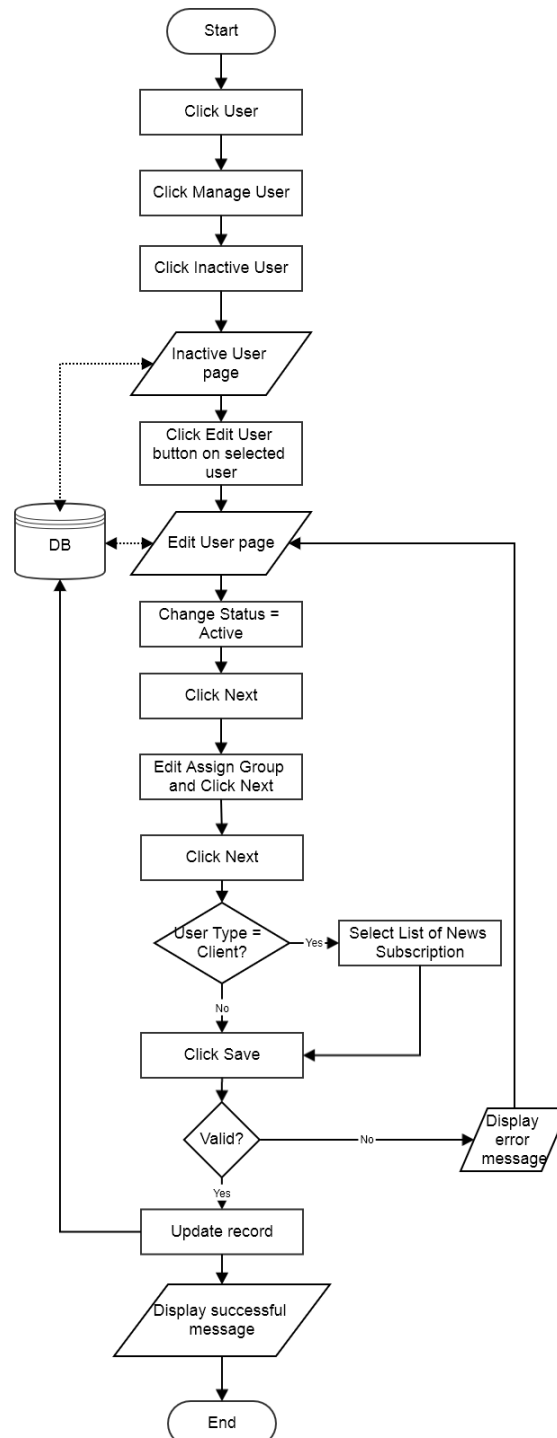
Show 10 entries

☒	Language	Retrieve News Category
☐	BM	BCBM
☐	BM	BTBM
☐	BM	CB
☐	BM	COB
☐	BM	CRB

Screen Layout: Edit User

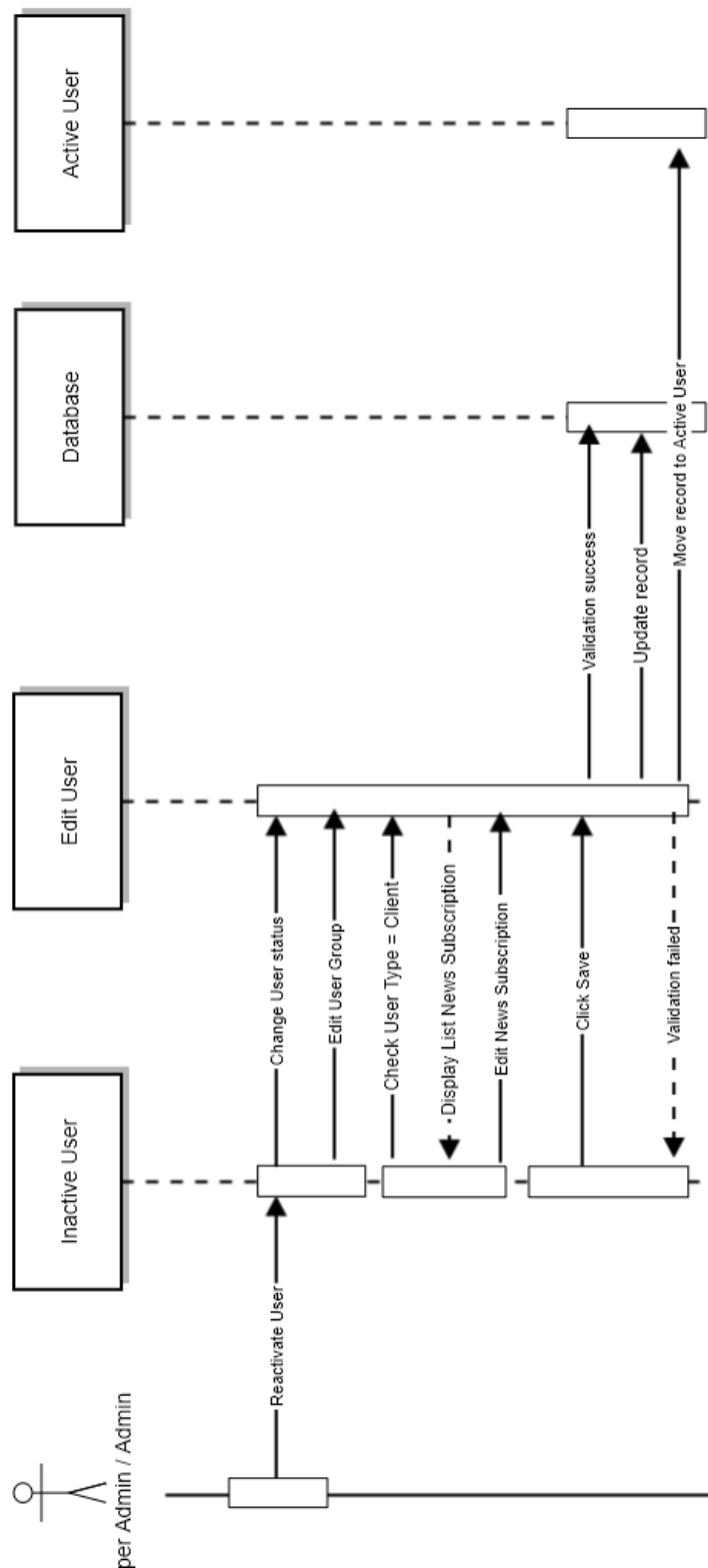
3.14 Re-activate User

3.14.1 Flowchart



Flowchart: Re-activate User

3.14.2 Sequence Diagram



Sequence Diagram: Reactivate User

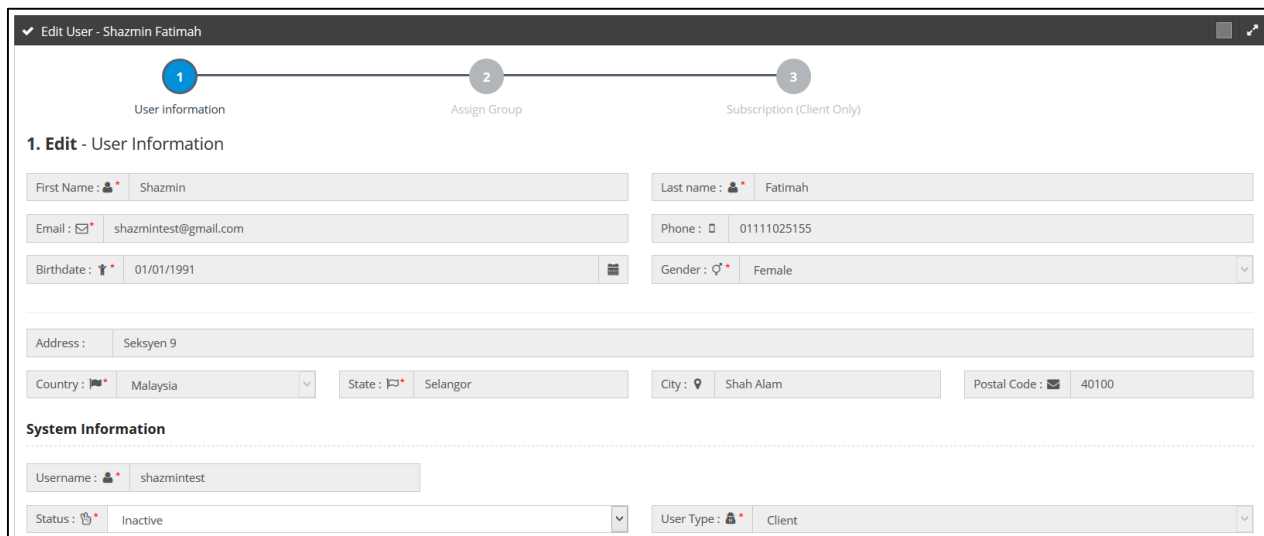
3.14.3 Form Parameter

Request Parameter	Description	Type	Default	Required
Status	User's status	Dropdown	Inactive	No

3.14.4 Error Message

N/A

3.14.5 Screen Layout



✓ Edit User - Shazmin Fatimah

1 User Information 2 Assign Group 3 Subscription (Client Only)

1. Edit - User Information

First Name : * Shazmin Last name : * Fatimah

Email : * shazmintest@gmail.com Phone : 01111025155

Birthdate : * 01/01/1991 Gender : * Female

Address : Seksyen 9

Country : * Malaysia State : * Selangor City : Shah Alam Postal Code : 40100

System Information

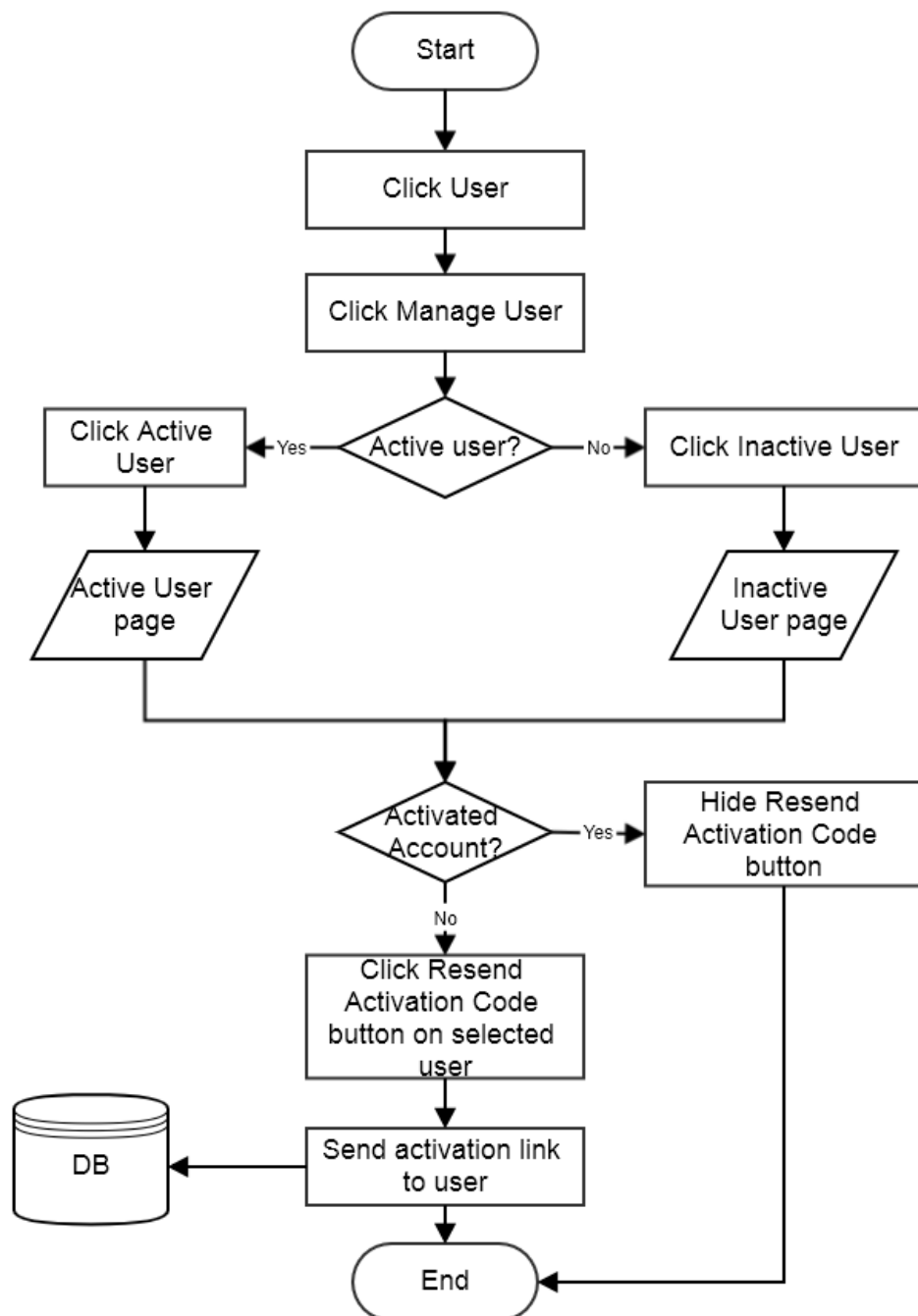
Username : * shazmintest

Status : * Inactive User Type : * Client

Screen Layout: Re-Activate User

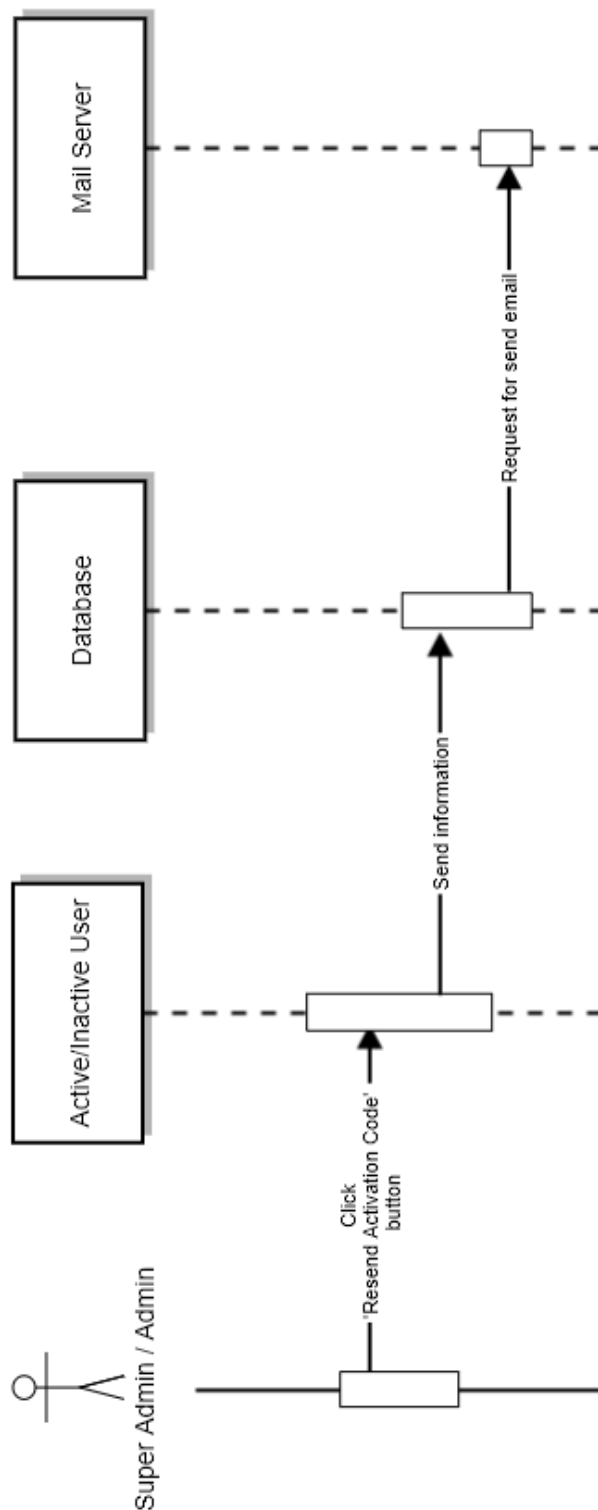
3.15 Resend Activation Link

3.15.1 Flowchart



Flowchart: Resend Activation Link

3.15.2 Sequence Diagram



Sequence Diagram: Resend Activation Link

3.15.3 Form Parameter

N/A

3.15.4 Error Message

N/A

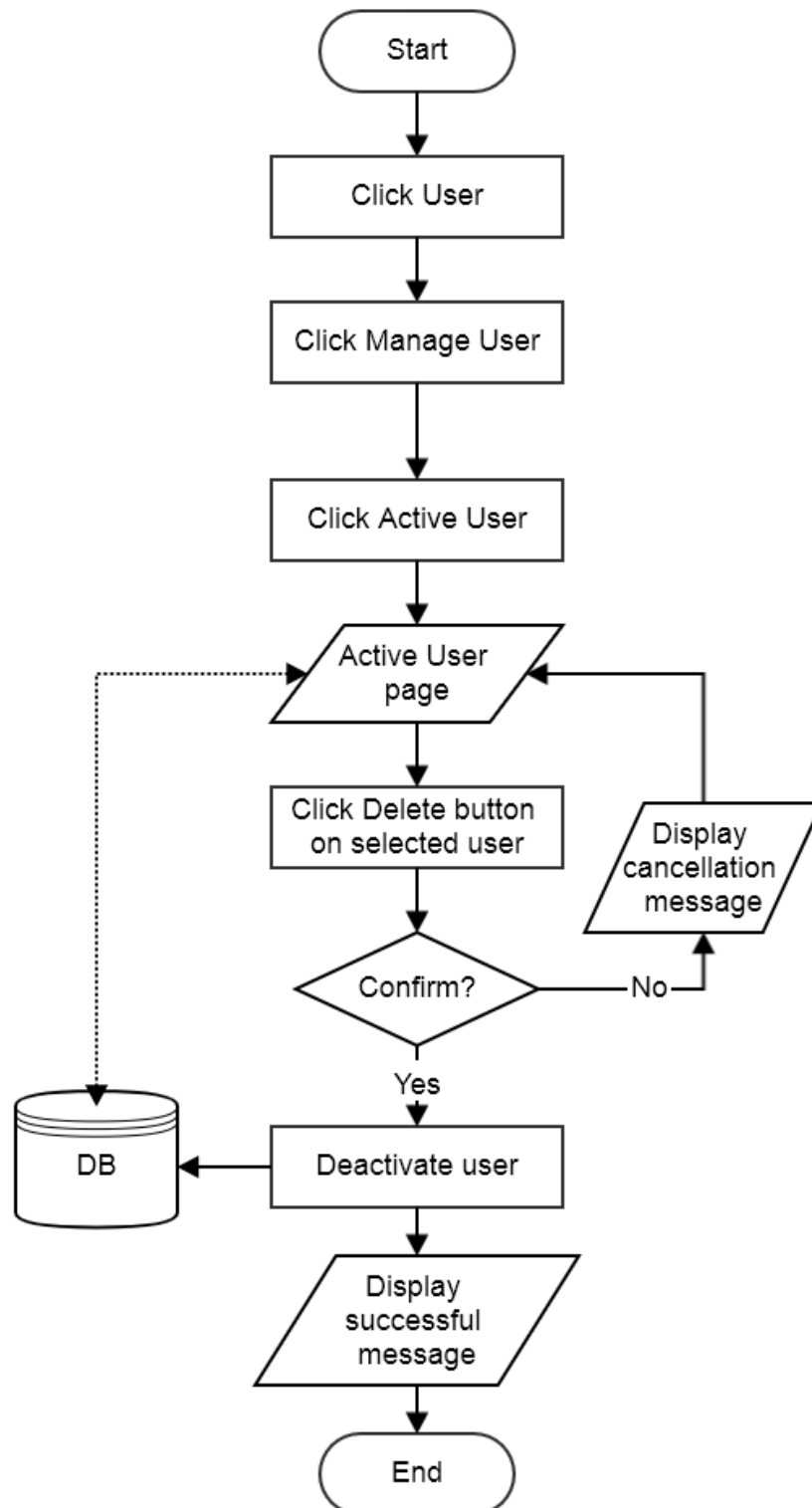
3.15.5 Screen Layout

20	salbiah	Salbiah Mohd Said	Assistant Editor	Sub Editor Portal	Bernama	2017-09-21 11:20:56	  
19	azlinanor	Nor Azlina Sani	Executive Editorial	Sub Editor Portal	Bernama	2017-09-26 10:34:46	 
18	seffia	Suriani Razali	Executive Editorial	Sub Editor Portal	Client	2017-09-21 15:16:30	 
17	mzaini	Muhammad Zaini Mohd Zin	Executive Editorial	Sub Editor Portal	Bernama	2017-08-23 21:07:54	 
16	zaphne89	Zaphne Philip	Executive Editorial	Sub Editor Portal	Bernama	2017-10-06 11:08:46	 
14	coba123	Coba 123	coba	Client	Bernama	2017-10-12 15:19:04	  
10	jenny	Jenny Imanina Lanong Abdullah	Senior Executive	Sub Editor Portal	Bernama	2017-10-05 12:46:34	 
9	murninasri	Murni Mat Nasri		Sub Editor Portal	Client	2017-10-09 09:49:47	 
8	encikbakar	Abu Bakar Mohamed	Web Master	PCMS Administrator	Administrator	2017-10-30 11:37:57	 
7	mardiana	Mardiana Ahmad	Webmaster	PCMS Administrator	Administrator	2017-10-30 11:45:09	 
2	admin	Administrator PCMS	System Administrator	PCMS Super Administrator	Administrator	2017-10-27 10:51:37	 

Screen Layout: Resend Activation Link

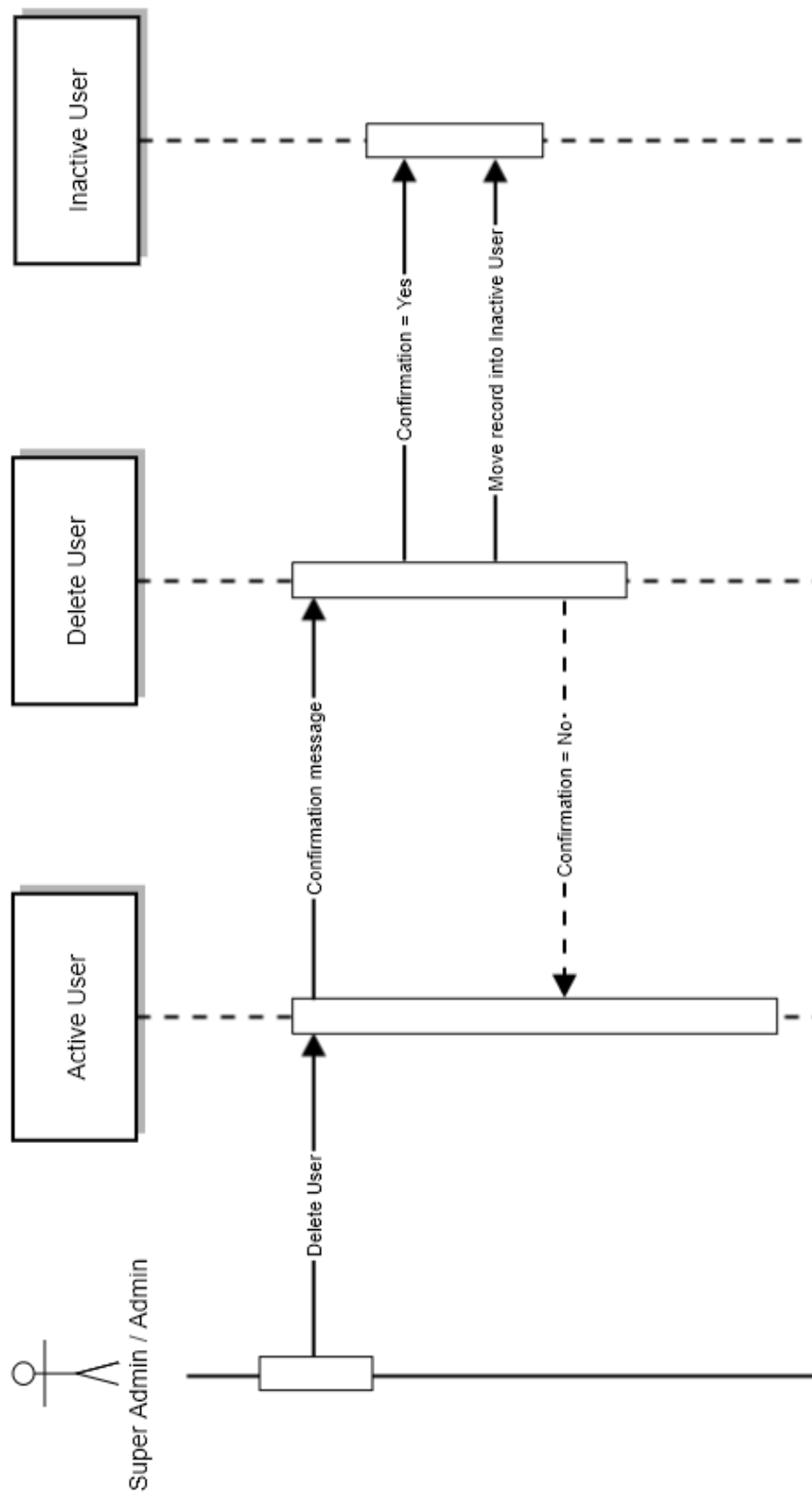
3.16 Delete User

3.16.1 Flowchart



Flowchart: Delete User

3.16.2 Sequence Diagram



Sequence Diagram: Delete User

3.16.3 Form Parameter

N/A

3.16.4 Error Message

N/A

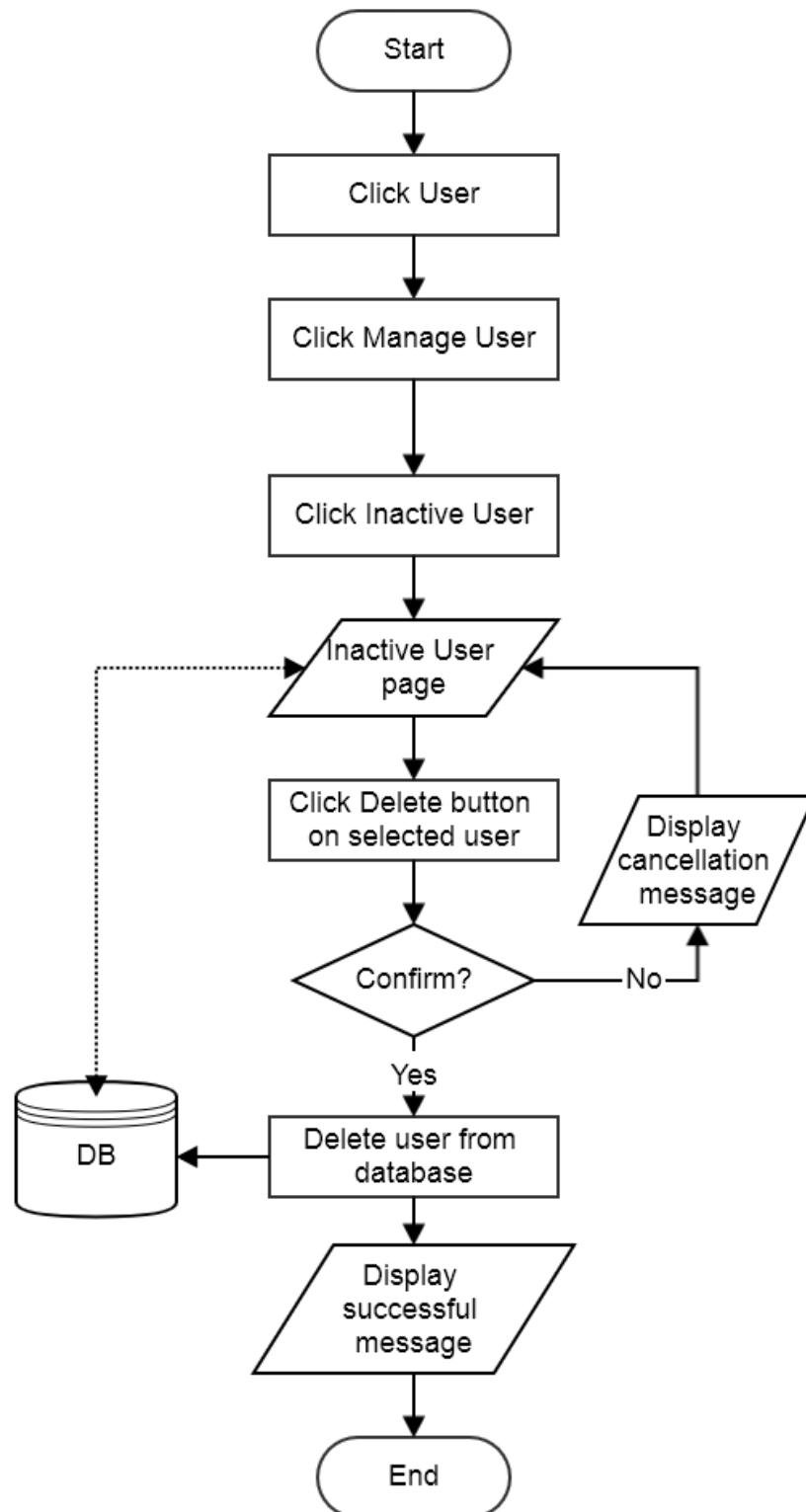
3.16.5 Screen Layout

Search:		Copy		Excel		Show: 10 entries	
ID	Username	Fullname	Designation	Group	User Type	Last Modified	Action
87	loli	Duan Toli		Client	Client	2017-10-27 10:15:31	Edit Delete
86	test12345	Test12345 Test12345		PCMS Super Administrator	Client	2017-10-26 12:20:04	Edit Delete
82	haffozan	Are you sure? Haffozan Mohd Zahari		PCMS Super Administrator	Administrator	2017-10-27 11:29:38	Edit Delete
75	Amin	This record will be deleted. Click Yes to proceed No to cancel Admin Novami		PCMS Administrator	Administrator	2017-10-24 11:05:30	Edit Delete
74	hazarul	Mohamad Hazarul Hazrin Abdul Aziz	Admin Novami	PCMS Administrator	Yes No	2017-10-20 16:42:33	Edit Delete
73	nurfael	Ahmad Nurfael	Teral	PCMS Administrator	Administrator	2017-09-13 12:43:07	Edit Delete
72	loki	Loki Luqman	KP	PCMS Super Administrator	Administrator	2017-10-08 19:43:09	Edit Delete
71	norliza	Norliza Dali	Bernama.com: Executive Editorial	Sub Editor BERNAMA.com	Bernama	2017-09-21 11:15:28	Edit Delete
70	Syakiranadmin	Mohamad Syakiran Muhammad		PCMS Super Administrator	Administrator	2017-10-13 16:49:37	Edit Delete

Screen Layout: Delete User

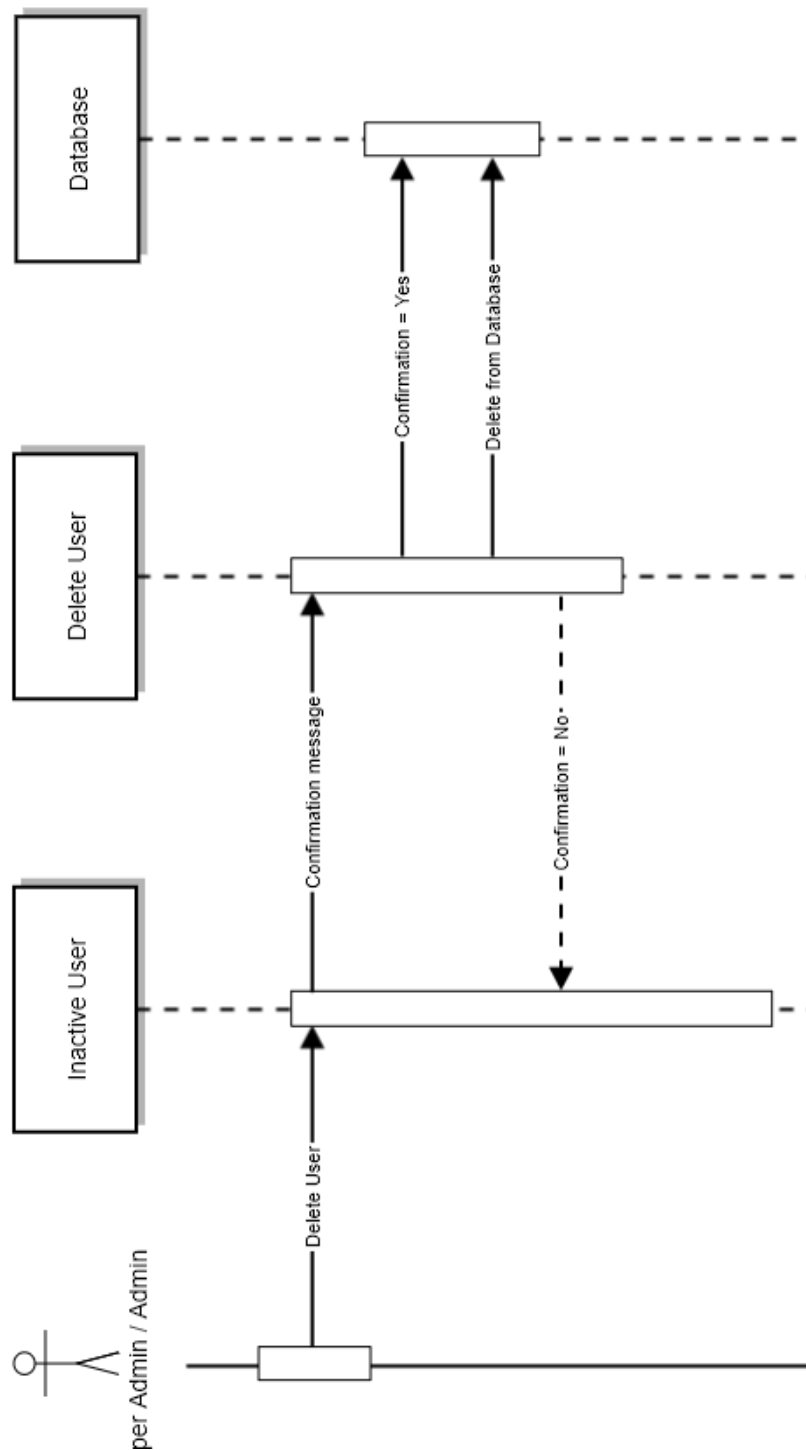
3.17 Delete User Permanently

3.17.1 Flowchart



Flowchart: Delete User Permanently

3.17.2 Sequence Diagram



Sequence Diagram: Delete User Permanently

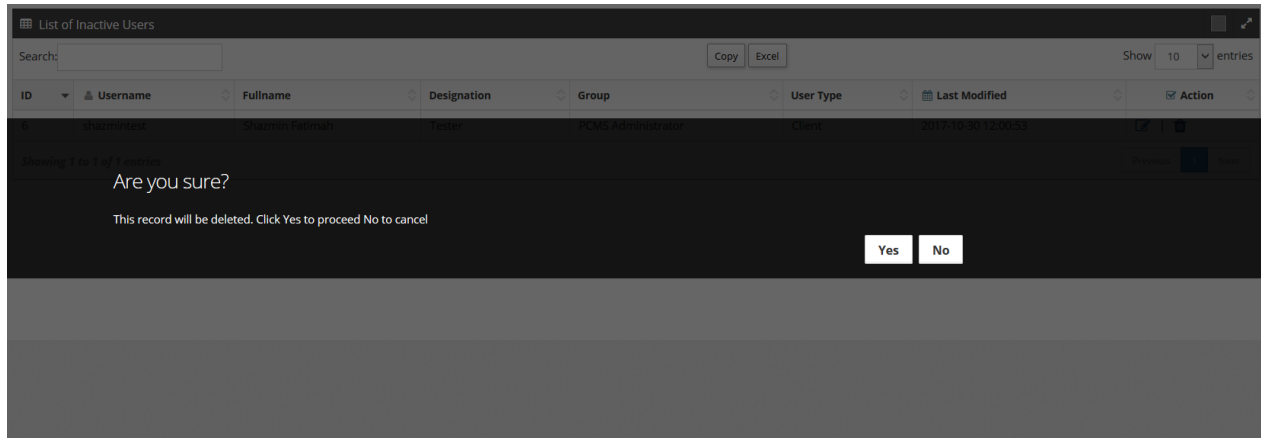
3.17.3 Form Parameter

N/A

3.17.4 Error Message

N/A

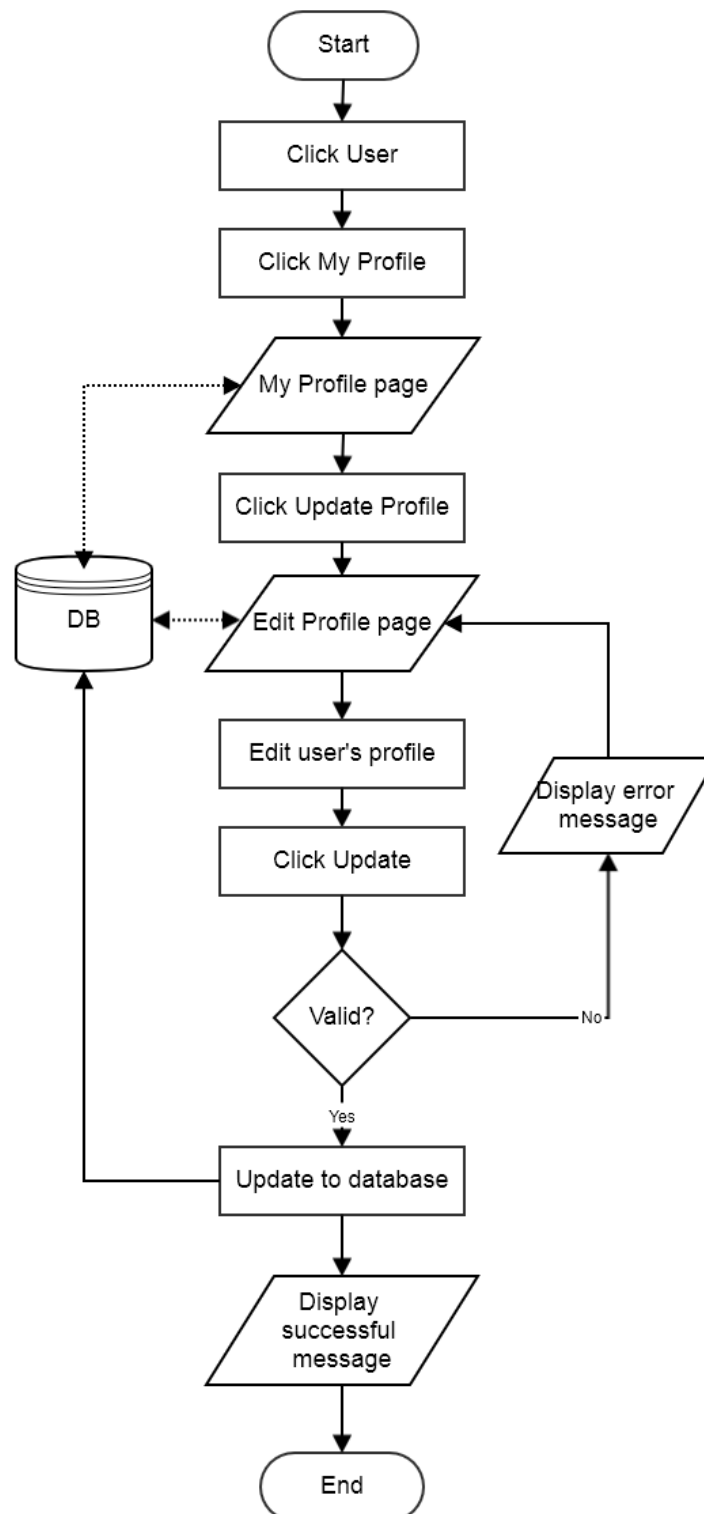
3.17.5 Screen Layout



Screen Layout: Delete User Permanently

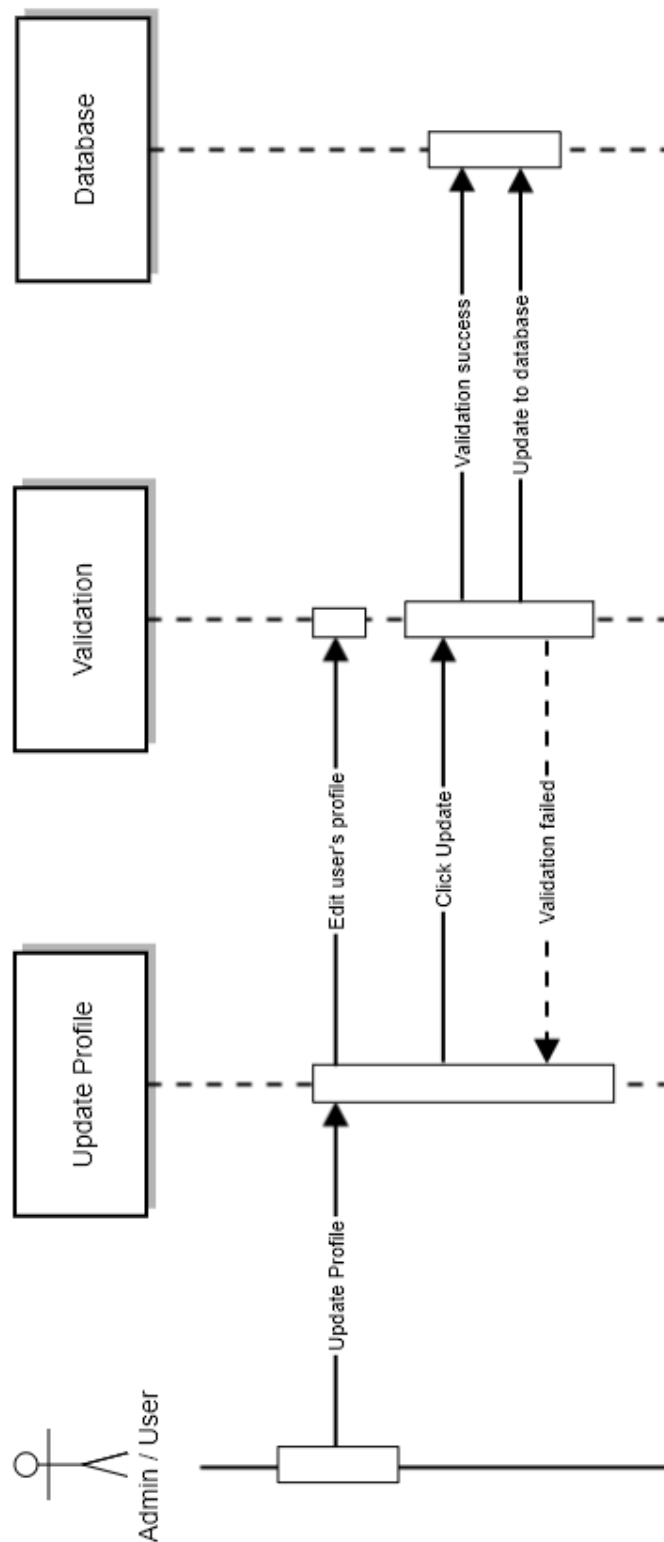
3.18 Update Profile

3.18.1 Flowchart



Flowchart: Update Profile

3.18.2 Sequence Diagram



Sequence Diagram: Update Profile

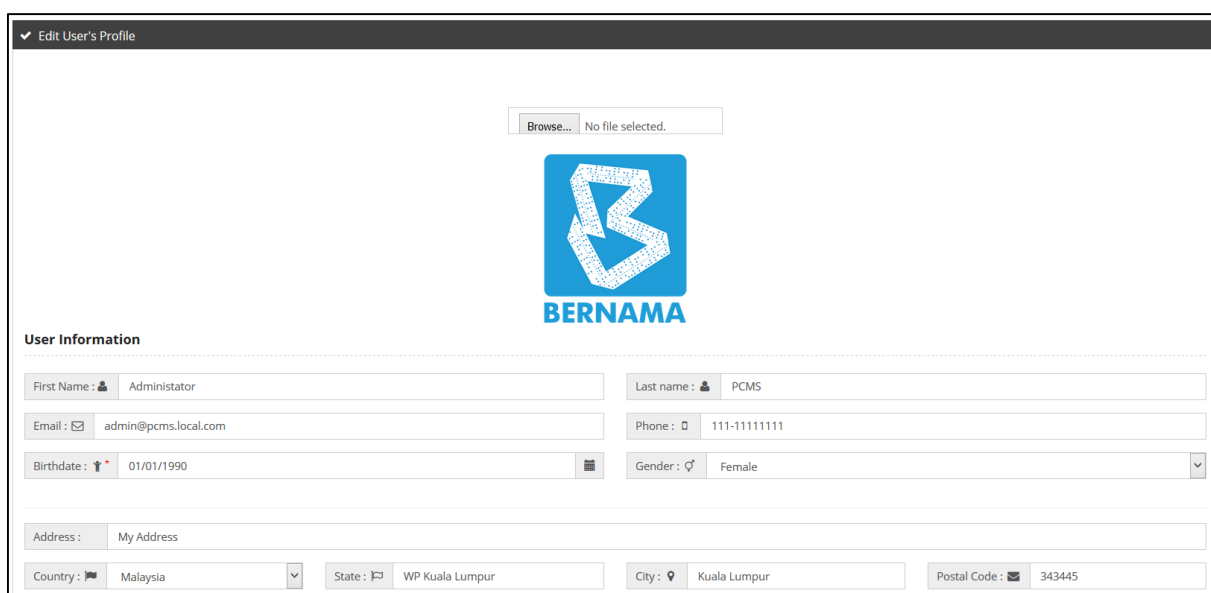
3.18.3 Form Parameter

Request Parameter	Description	Type	Default	Required
Profile picture	User's profile picture	File	N/A	No
First Name	User's first name	Text	Previously saved data	No
Last Name	User's last name	Text	Previously saved data	No
Email	User's email	Email	Previously saved data	No
Phone	User's phone number	Text	Previously saved data	No
Birthdate	User's birthdate	Date	Previously saved data	Yes
Address	Address	Text	Previously saved data	No
Country	Country	Selectuon	Previously saved data	No
State	State	Text	Previously saved data	No
City	City	Text	Previously saved data	No
Postal Code	Postal Code	Text	Previously saved data	No
Password	To change password	Password	N/A	No
Confirm Password	Confirm password	Password	N/A	No
Designation	User's designation	Text	Previously saved data	No

3.18.4 Error Message

No	Message	Type	Description
1	The user first name field is required	Alert	Field cannot be null
2	The user last name field is required	Alert	Field cannot be null
3	The email field is required	Alert	Field cannot be null
4	Please enter an email address	Alert	Email address not valid

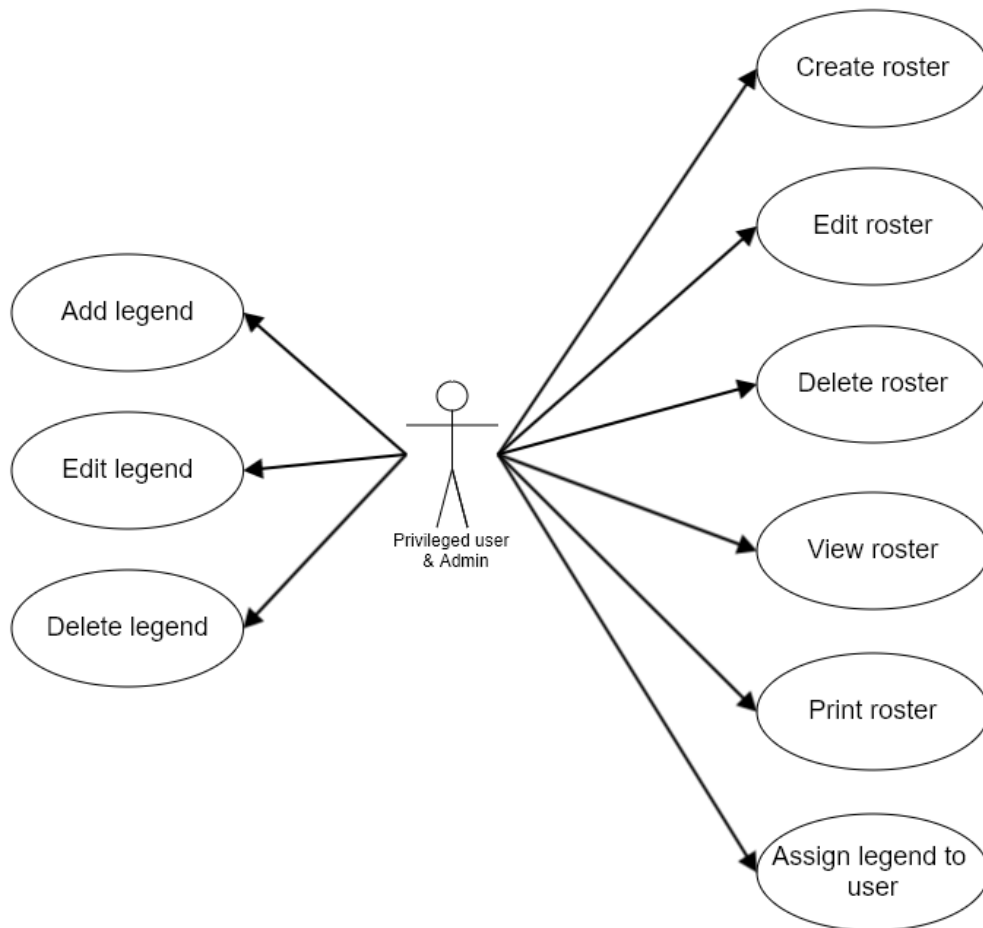
3.18.5 Screen Layout



Screen Layout: Update Profile

4 Module: Roster

4.1 Use Case



Use Case: Roster

4.2 Use Case Description

In this module, privileged user can create a group roster or their own roster. Roster is a list or plan showing turns of duty or leave for individuals or groups in a selected date range. For each roster, user need to assigned staff and legend. Legend is the activity that will be used in the roster. Admin and privileged user have the access to:

- Create, read, update & delete roster
- Create, read, update & delete legend
- Multiple selection in assigning roster(s) to users as well as deleting them.

Under module Roster, privileged user able to access the following:

1. Create Roster

A new roster is created by entering related information into the system, assigning to user and assign tasks (legends) to selected roster. In this section, a shortcut to add legend is provided. Once the roster has been saved, system will send email notification to the selected user to inform that new roster has been assigned to them. Assigned user shall check the details in Manage Roster.

2. Manage Roster

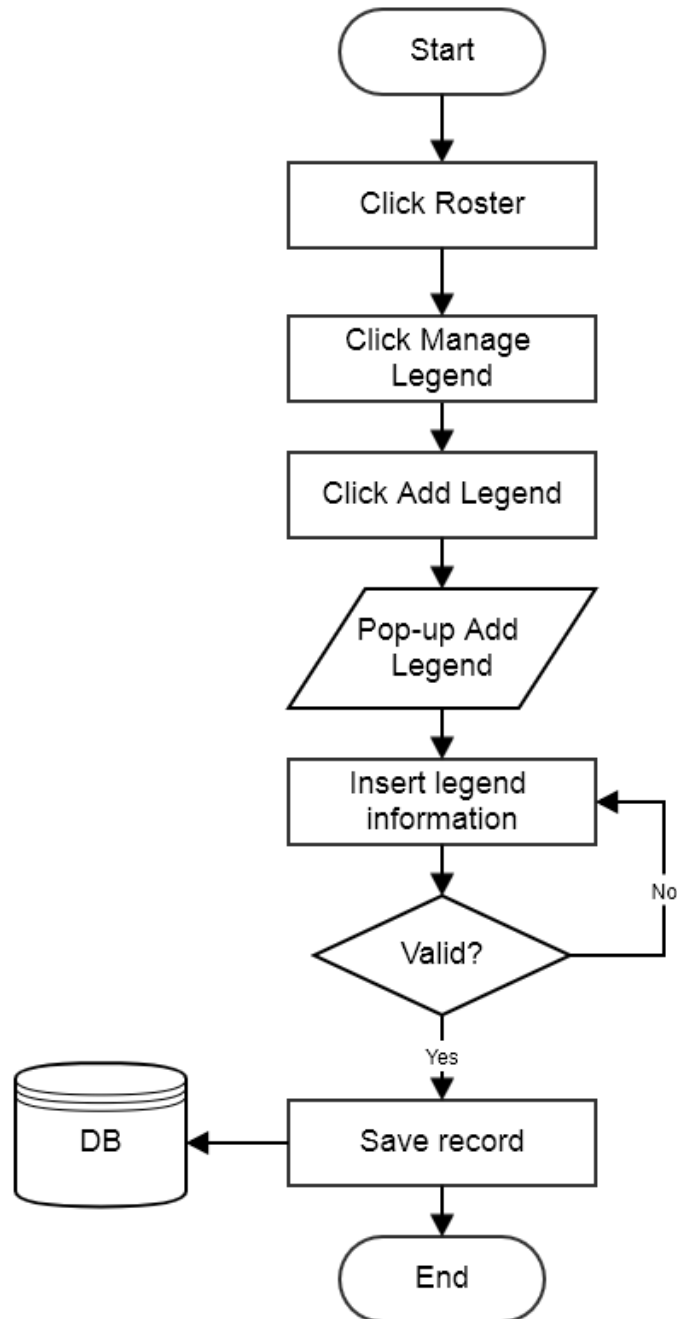
Manage roster display list of rosters from all users. In this section user can edit the roster, assign legend to user in table form, print the roster and delete the roster. However, only the one who created the roster have the privilege to edit, assign legend to user, and delete the roster. Others can only view it or print the selected roster.

3. Manage Legend

Manage legend display list of legends. Legend is a color code that is used as an activity to the roster. In this section, user can create, update and delete legend. All legends are shareable among all users. Each legend has a unique code and unique color.

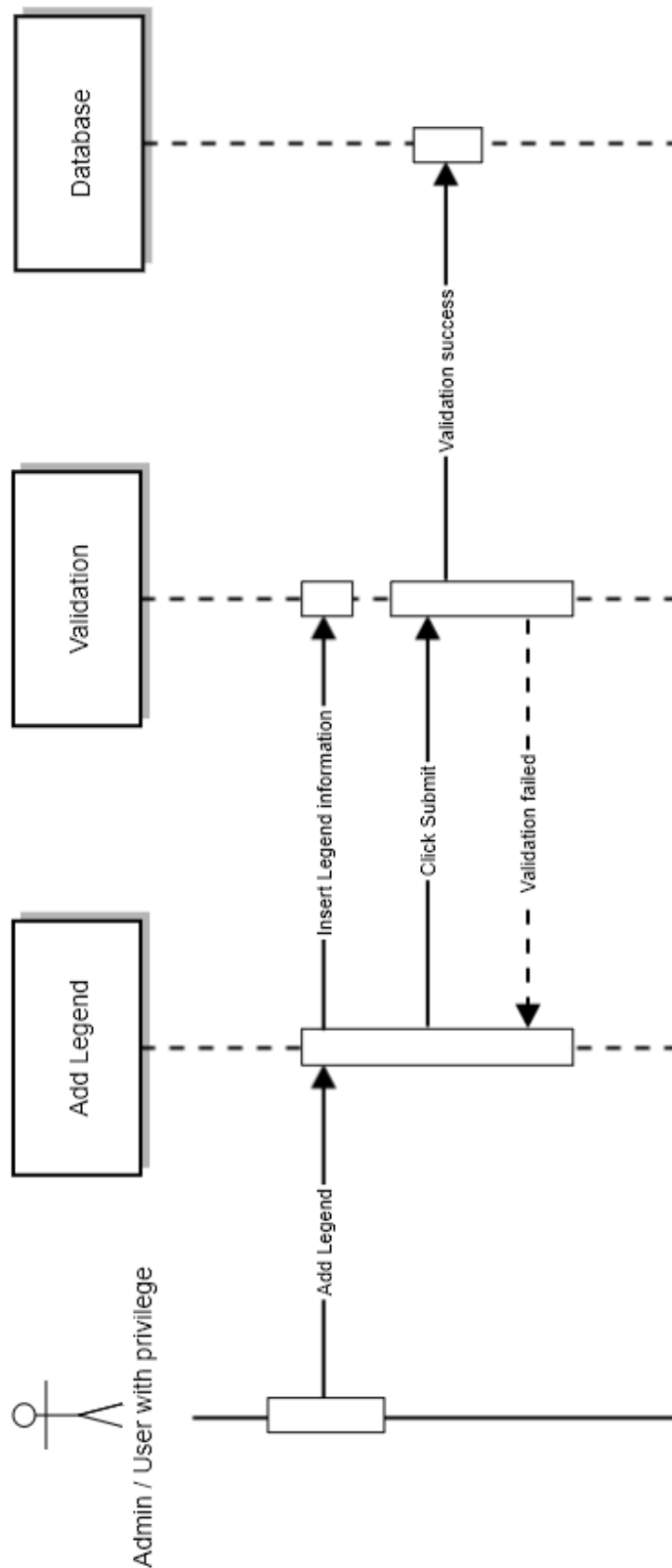
4.3 Add Legend

4.3.1 Flowchart



Flowchart: Add Legend

4.3.2 Sequence Diagram



Sequence Diagram: Add Legend

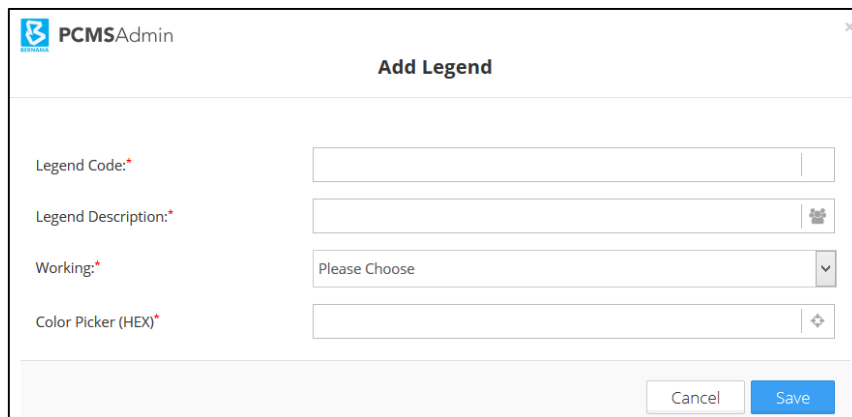
4.3.3 Form Parameter

Request Parameter	Description	Type	Default	Required
Legend code	Code for legend	Text	N/A	Yes
Legend Description	Legend description	Text	N/A	Yes
Working	Working status	Dropdown	N/A	Yes
Color Picker (HEX)	Color label for legend	Text	N/A	Yes

4.3.4 Error Message

No	Message	Type	Description
1	The legend code field is required	Alert	Field cannot be null
2	The legend description field is required	Alert	Field cannot be null
3	The legend working status field is required	Alert	Field cannot be null
4	The legend color field is required	Alert	Field cannot be null
5	The legend code has already been taken	Alert	Legend code is unique

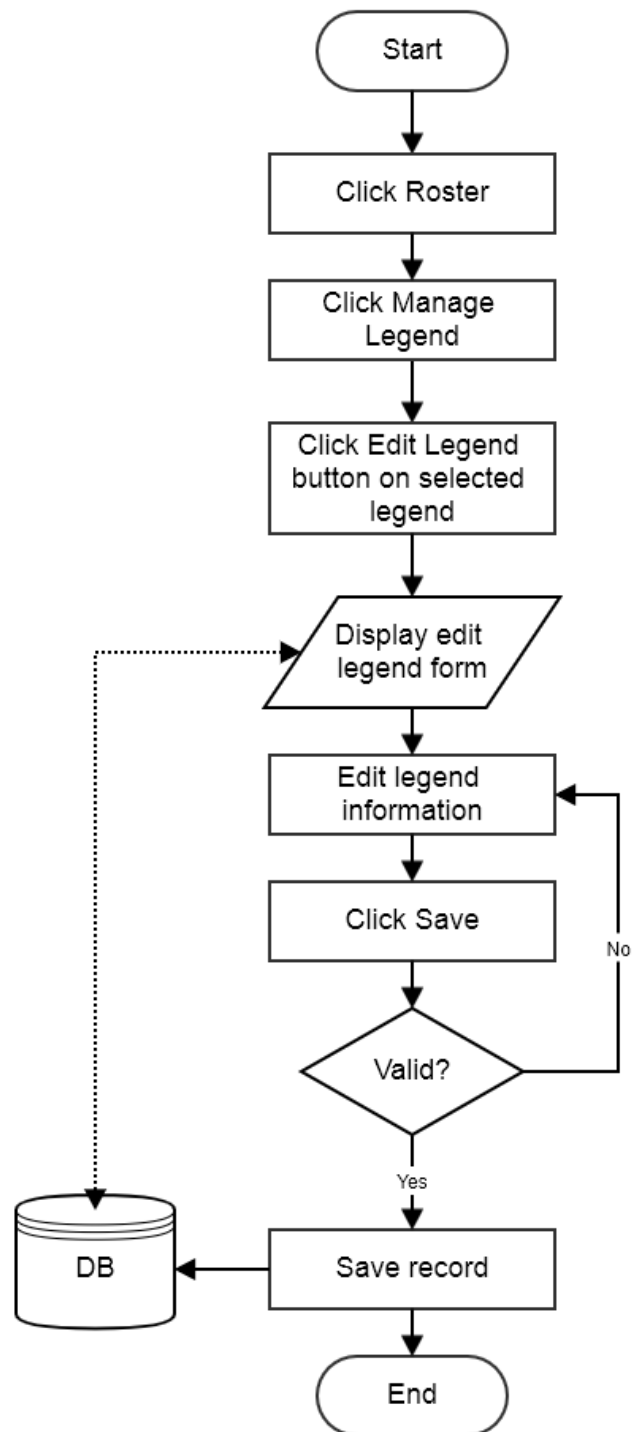
4.3.5 Screen Layout



Screen Layout: Add Legend

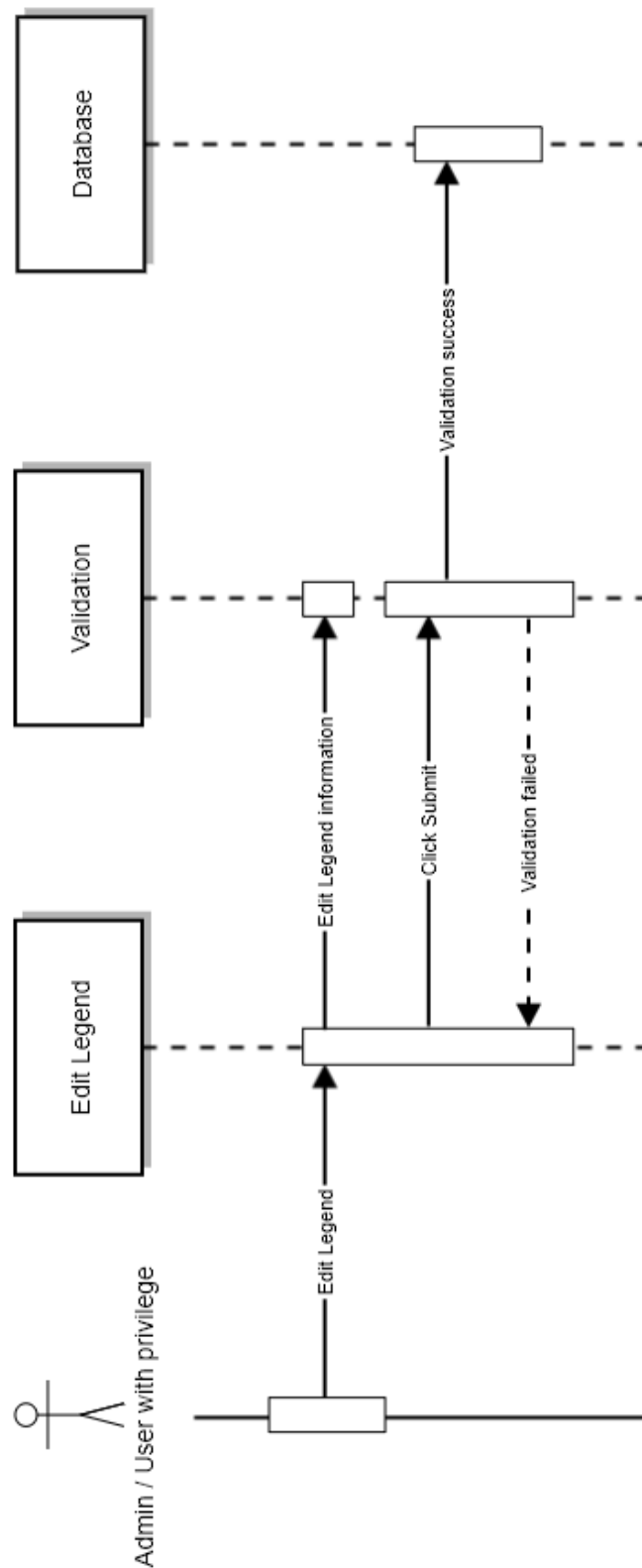
4.4 Edit Legend

4.4.1 Flowchart



Flowchart: Edit Legend

4.4.2 Sequence Diagram



Sequence Diagram: Edit Legend

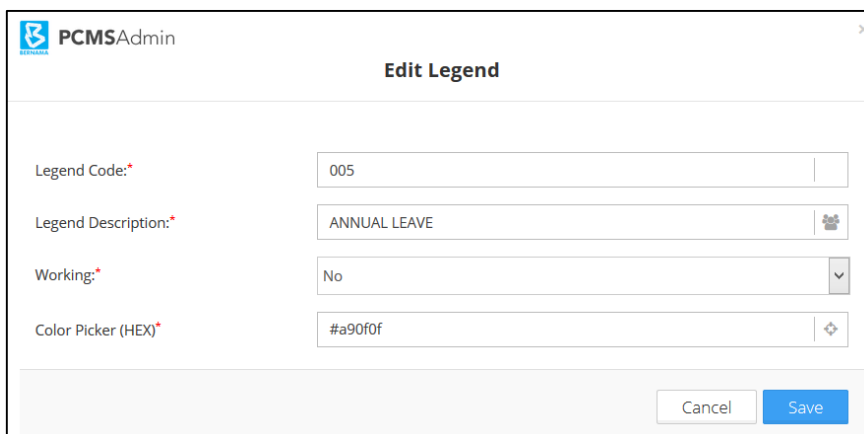
4.4.3 Form Parameter

Request Parameter	Description	Type	Default	Required
Legend code	Code for legend	Text	Previously saved data	Yes
Legend Description	Legend description	Text	Previously saved data	Yes
Working	Working status	Dropdown	Previously saved data	Yes
Color Picker (HEX)	Color label for legend	Text	Previously saved data	Yes

4.4.4 Error Message

No	Message	Type	Description
1	The legend code field is required	Alert	Field cannot be null
2	The legend description field is required	Alert	Field cannot be null
3	The legend working status field is required	Alert	Field cannot be null
4	The legend color field is required	Alert	Field cannot be null
5	The legend code has already been taken	Alert	Legend code is unique

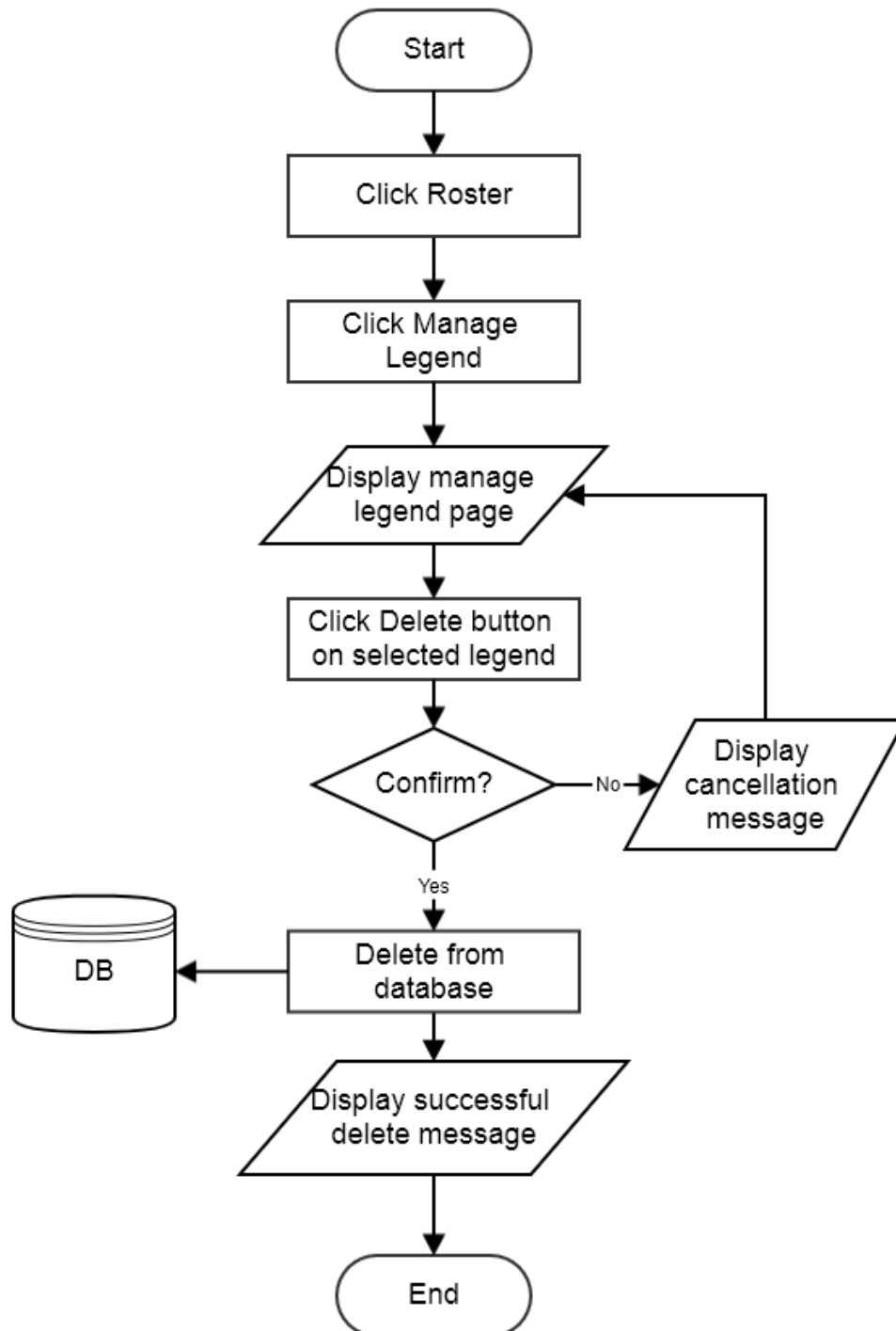
4.4.5 Screen Layout



Screen Layout: Edit Legend

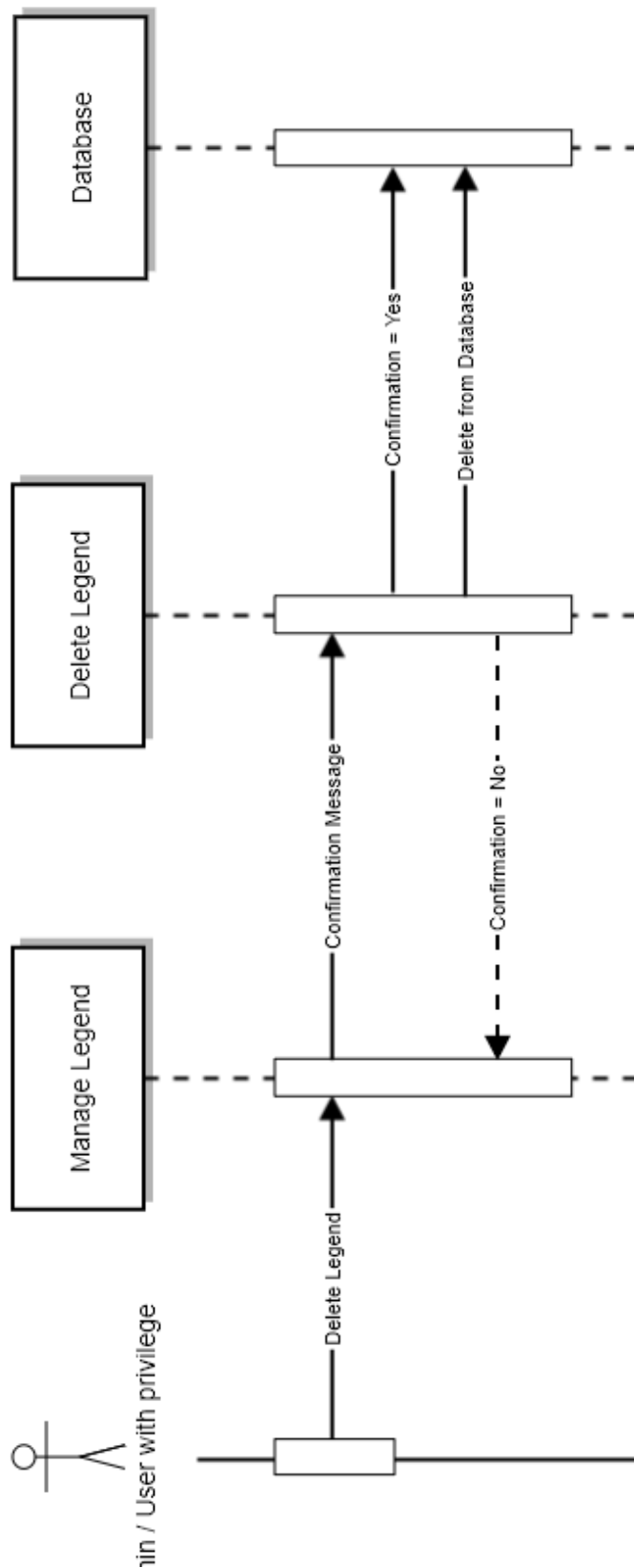
4.5 Delete Legend

4.5.1 Flowchart



Flowchart: Delete Legend

4.5.2 Sequence Diagram



Sequence Diagram: Delete Legend

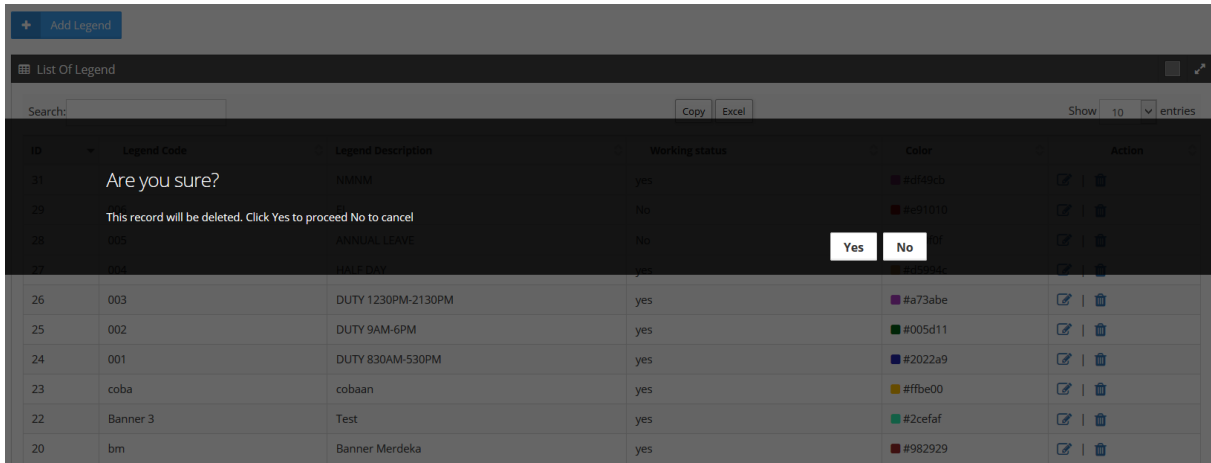
4.5.3 Form Parameter

N/A

4.5.4 Error Message

N/A

4.5.5 Screen Layout

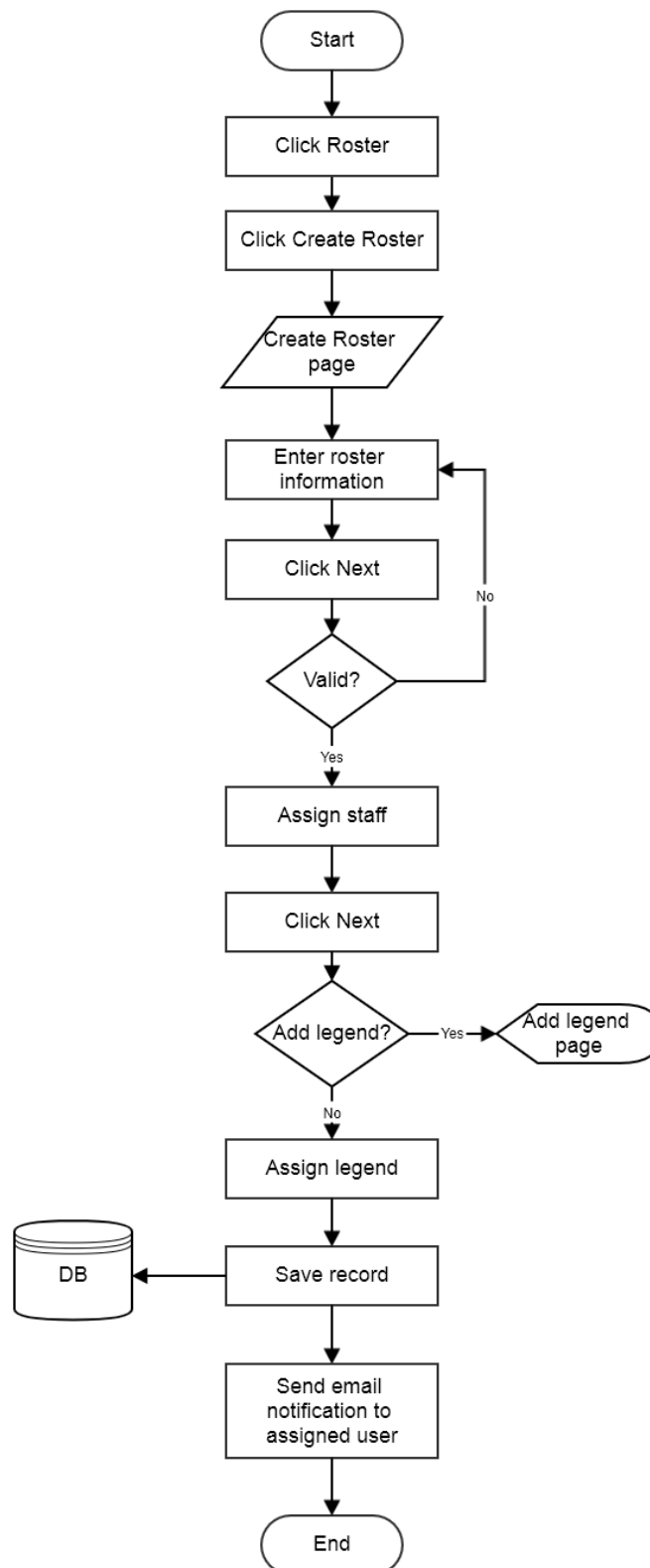


ID	Legend Code	Legend Description	Working status	Color	Action
31		Are you sure?	yes	#cd99cb	 
29		This record will be deleted. Click Yes to proceed No to cancel	No	#e91010	 
28	005	ANNUAL LEAVE	No		 
27	004	HALF DAY	yes		 
26	003	DUTY 1230PM-2130PM	yes	#a73abe	 
25	002	DUTY 9AM-6PM	yes	#005d11	 
24	001	DUTY 830AM-530PM	yes	#2022a9	 
23	coba	cobaan	yes	#ffbe00	 
22	Banner 3	Test	yes	#2cefaf	 
20	bm	Banner Merdeka	yes	#982929	 

Screen Layout: Delete Legend

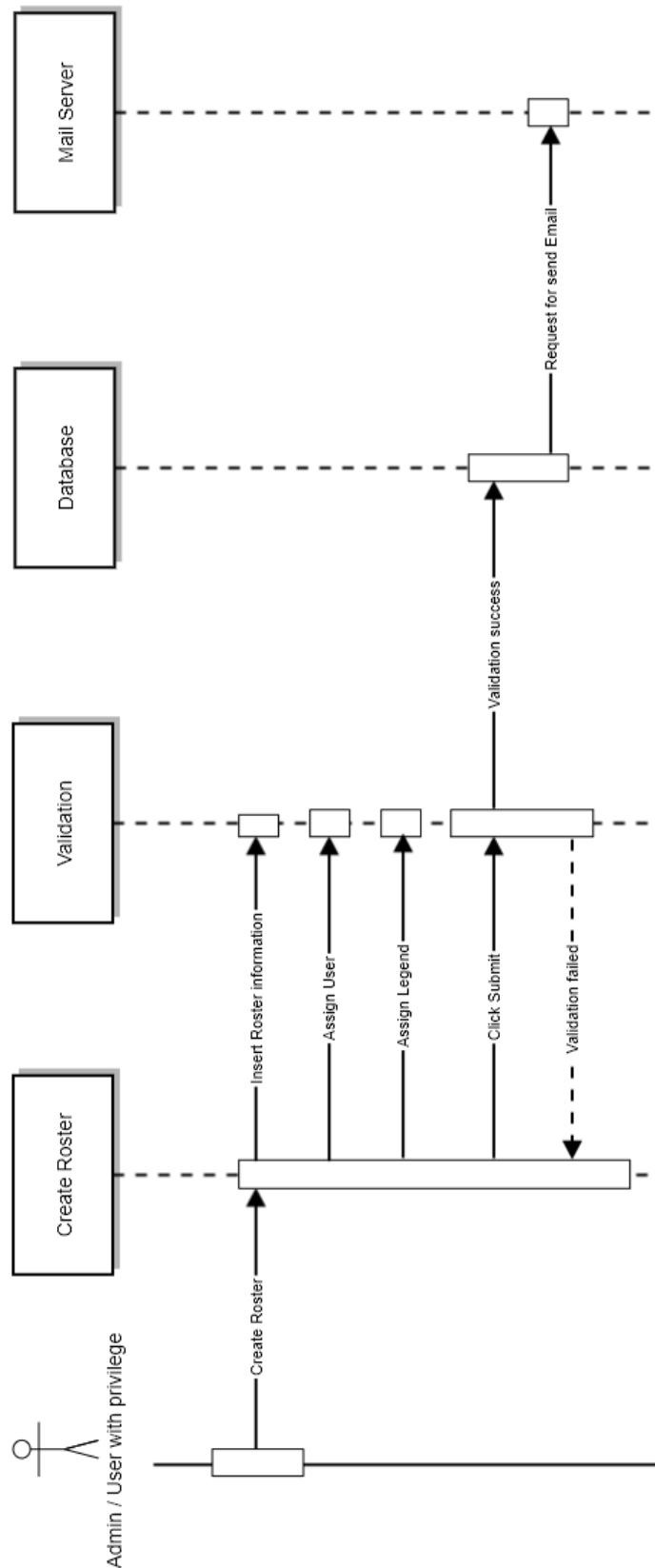
4.6 Create Roster

4.6.1 Flowchart



Flowchart: Create Roster

4.6.2 Sequence Diagram



Sequence Diagram: Create Roster

4.6.3 Form Parameter

Request Parameter	Description	Type	Default	Required
Roster Name	Roster name	Text	N/A	Yes
Start Date	Roster's start date	Date	Today's date	Yes
End Date	Roster's end date	Date	Today's date	Yes
Staff	To assign staff	Checkbox	N/A	No
Legend	To assign legend	Checkbox	N/A	No

4.6.4 Error Message

No	Message	Type	Description
1	The roster name is required	Alert	Field cannot be null
2	The roster note is required	Alert	Field cannot be null

4.6.5 Screen Layout

✓ Create Roster

1 General information 2 Assign Staff 3 Assign Legend

1. Create - General Information

Roster Name: Roster Name

Start Date: 30/10/2017 End Date: 30/10/2017

Notes / Remarks

Note/Remarks:

Previous Next

✓ Create Roster

General information 2 Assign Staff 3 Assign Legend

2. ASSIGN STAFF

Filter by group: All

List of All Staff

Search: Copy Excel Show 10 entries

No	Staff Name	Group	Tick
1	Chedet Aa	PCMS Administrator	☐
2	Administator PCMS	PCMS Super Administrator	☐
3	Shazmin Z	PCMS Administrator	☐
4	Mardiana Ahmad	PCMS Administrator	☐
5	Abu Bakar Mohamed	PCMS Administrator	☐
6	Murni Mat Nasri	Sub Editor Portal	☐
7	Jenny Imanina Lanong Abdullah	Sub Editor Portal	☐
8	Coba 123	Client	☐
9	Zaphne Philip	Sub Editor Portal	☐

✓ Create Roster

General information Assign Staff 3 Assign Legend

3. ASSIGN LEGEND

+ Add Legend

List of All Legend

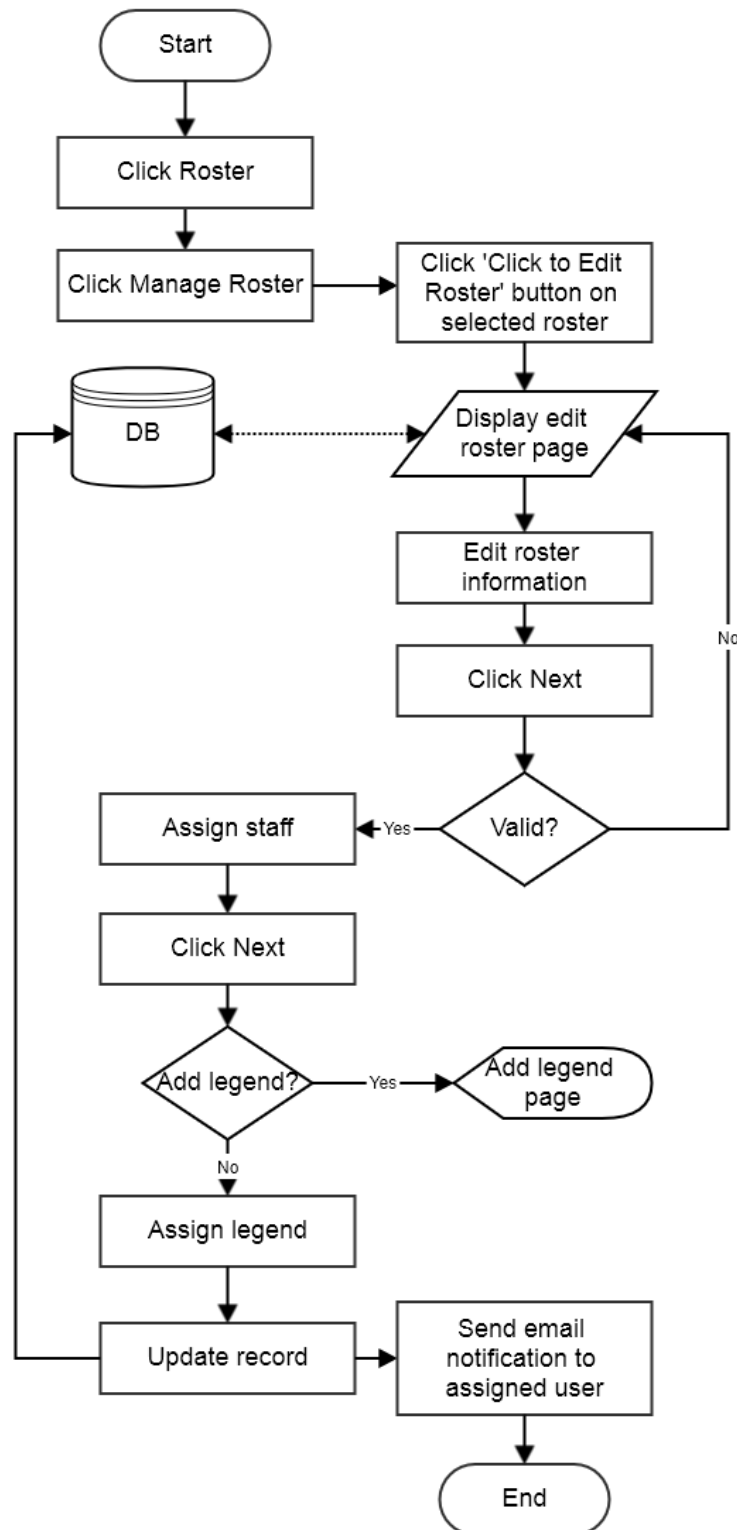
Search: Copy Excel Show 10 entries

No	Color	Legend description	Tick
1	#b15656	Annual Leave	☐
2	#8e67a2	Emergency Leave	☐
3	#53906e	Morning Shift	☐
4	#8573c5	Legend 11	☐
5	#0085ff	Duty EBIZ	☐
6	#dbff00	Half Day	☐
7	#7078c4	8.00 AM-5.00PM	☐
8	#00ff19	LNy duty	☐
9	#ff004c	9 am to 6 pm	☐

Screen Layout: Create Roster

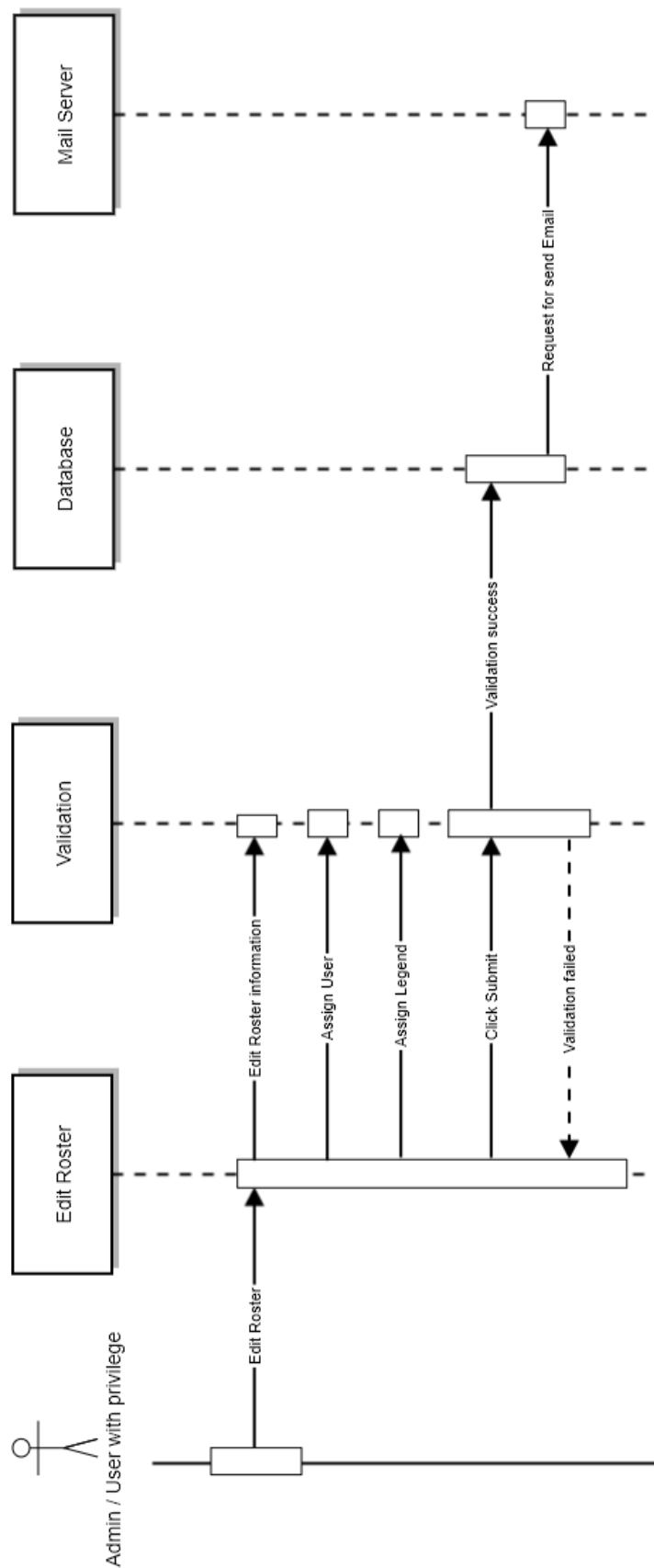
4.7 Edit Roster

4.7.1 Flowchart



Flowchart: Edit Roster

4.7.2 Sequence Diagram



Sequence Diagram: Edit Roster

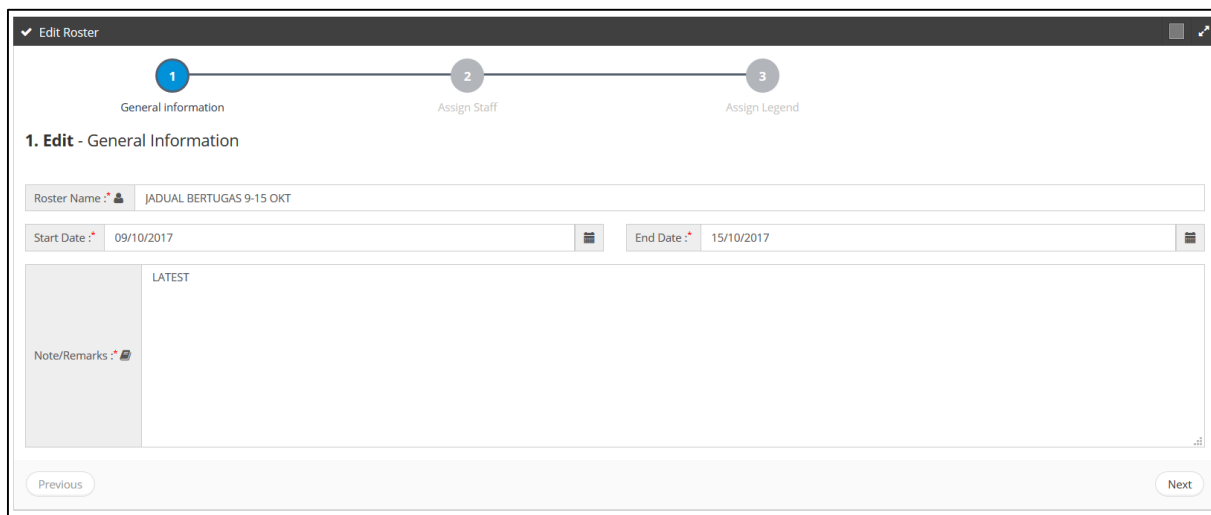
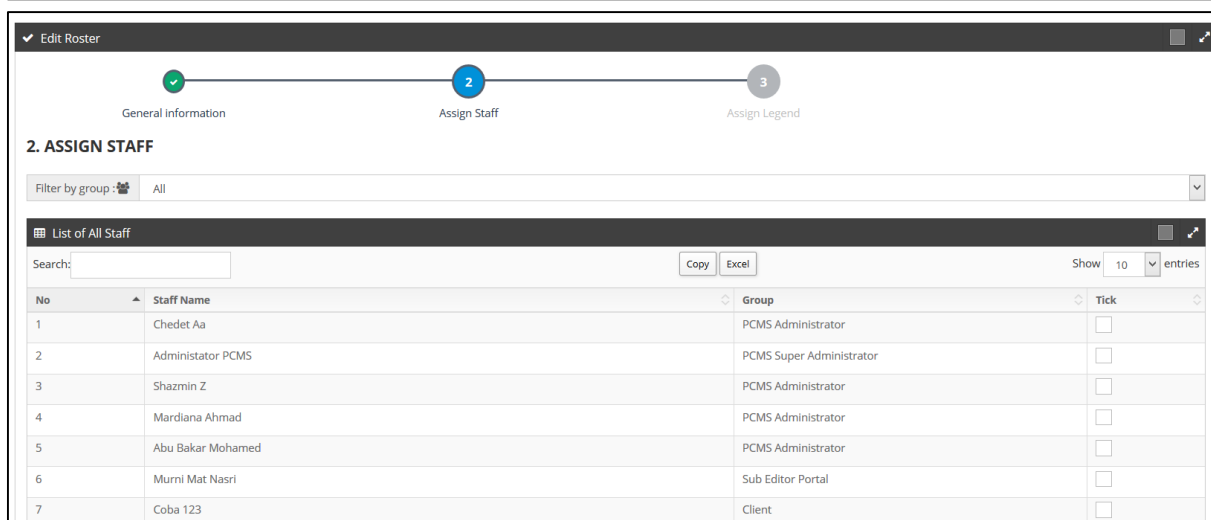
4.7.3 Form Parameter

Request Parameter	Description	Type	Default	Required
Roster Name	Roster name	Text	Previously saved data	Yes
Start Date	Roster's start date	Date	Previously saved data	Yes
End Date	Roster's end date	Date	Previously saved data	Yes
Staff	To assign staff	Checkbox	Previously saved data	No
Legend	To assign legend	Checkbox	Previously saved data	No

4.7.4 Error Message

No	Message	Type	Description
1	The roster name is required	Alert	Field cannot be null
2	The roster note is required	Alert	Field cannot be null

4.7.5 Screen Layout

No	Staff Name	Group	Tick
1	Chedet Aa	PCMS Administrator	☐
2	Administrator PCMS	PCMS Super Administrator	☐
3	Shazmin Z	PCMS Administrator	☐
4	Mardiana Ahmad	PCMS Administrator	☐
5	Abu Bakar Mohamed	PCMS Administrator	☐
6	Murni Mat Nasri	Sub Editor Portal	☐
7	Coba 123	Client	☐

✓ Edit Roster

✓

✓

3

General information

Assign Staff

Assign Legend

3. ASSIGN LEGEND

+

 Add Legend

List of All Legend

Search:

Copy Excel

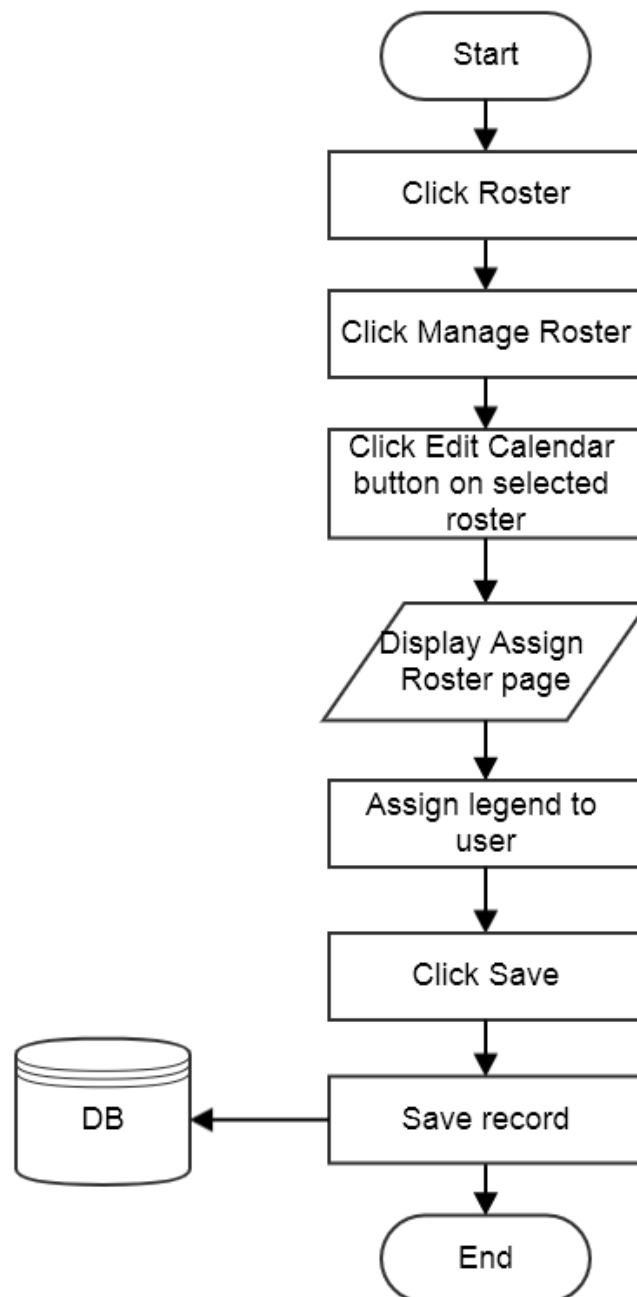
Show 10 entries

No	Color	Legend description	Tick
1	#b15656	Annual Leave	☐
2	#8e67a2	Emergency Leave	☐
3	#53906e	Morning Shift	☐
4	#8573c5	Legend 11	☐
5	#0085ff	Duty EBIZ	☐
6	#dbff00	Half Day	☐
7	#7078c4	8.00 AM-5.00PM	☐

Screen Layout: Edit Roster

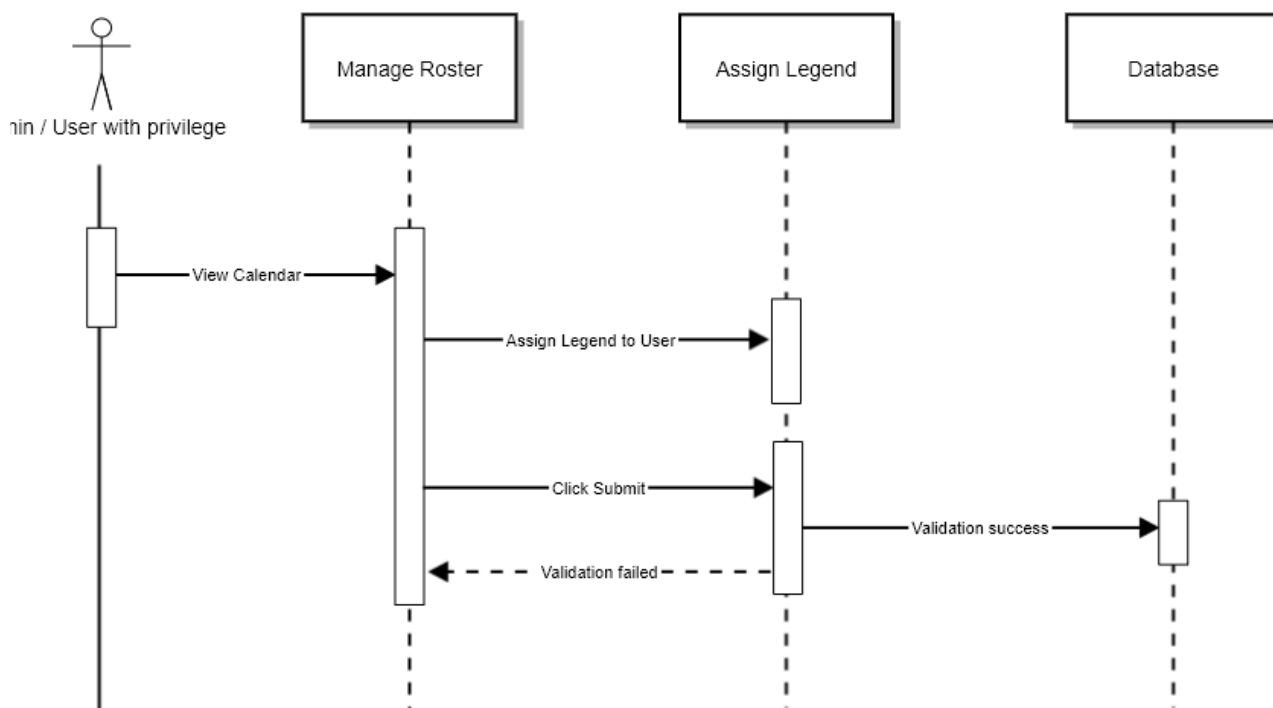
4.8 Assign Legend to User

4.8.1 Flowchart



Flowchart: Assign Legend to User

4.8.2 Sequence Diagram



Sequence Diagram: Assign Legend to User

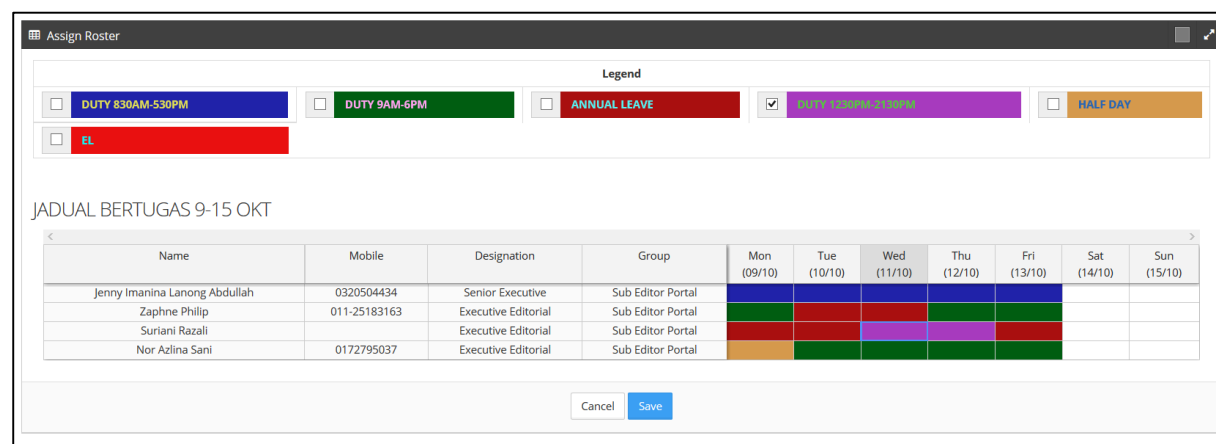
4.8.3 Form Parameter

Request Parameter	Description	Type	Default	Required
Legend	Assigend legend	Checkbox	N/A	No

4.8.4 Error Message

N/A

4.8.5 Screen Layout



Assign Roster

Legend

☐ DUTY 830AM-530PM ☐ DUTY 9AM-6PM ☐ ANNUAL LEAVE ☒ DUTY 120PM-2.00PM ☐ HALF DAY

☐ EL

JADUAL BERTUGAS 9-15 OKT

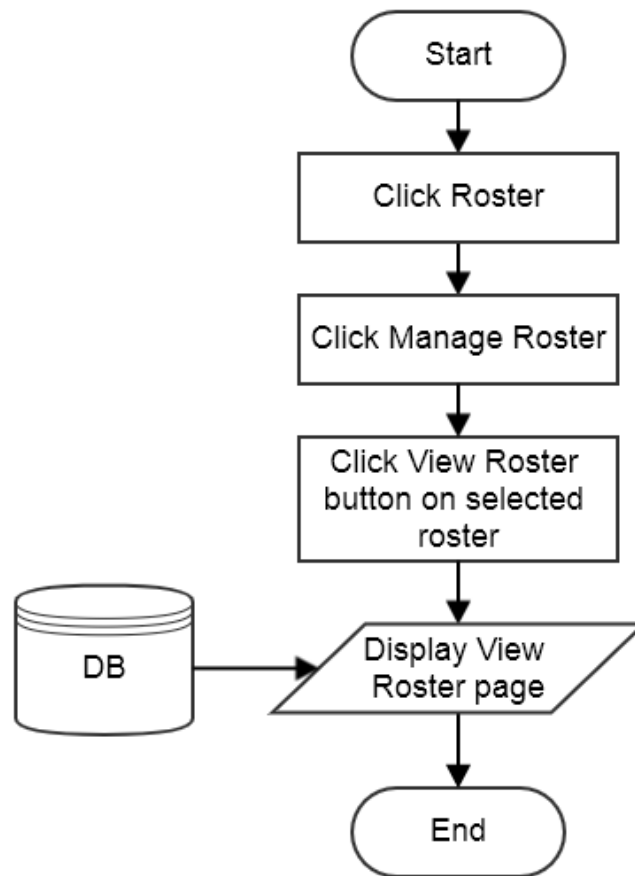
Name	Mobile	Designation	Group	Mon (09/10)	Tue (10/10)	Wed (11/10)	Thu (12/10)	Fri (13/10)	Sat (14/10)	Sun (15/10)
Jenny Imanina Lanong Abdullah	0320504434	Senior Executive	Sub Editor Portal							
Zaphne Philip	011-25183163	Executive Editorial	Sub Editor Portal							
Suriani Razali		Executive Editorial	Sub Editor Portal							
Nor Azlina Sani	0172795037	Executive Editorial	Sub Editor Portal							

Cancel Save

Screen Layout: Assign Legend to User

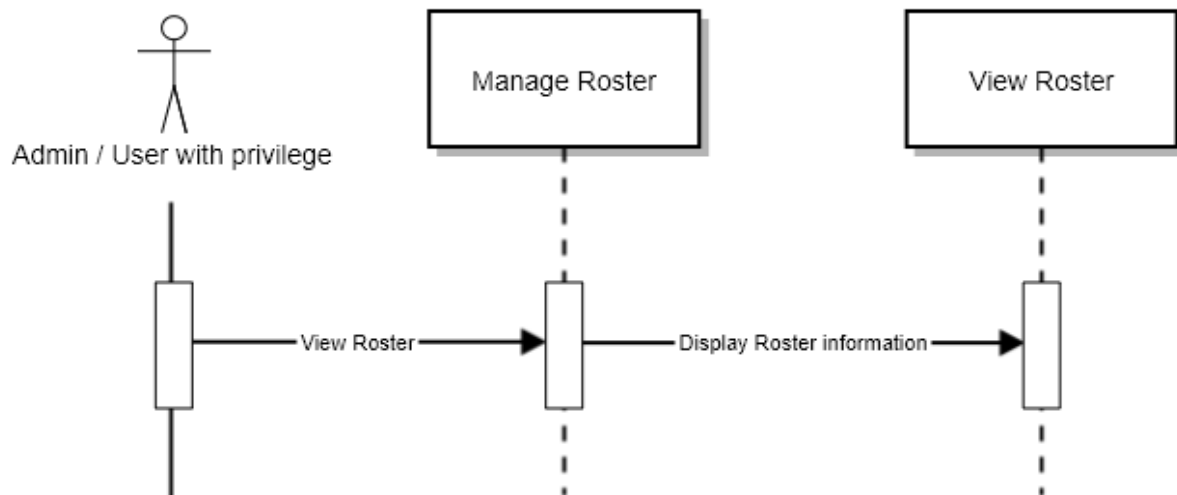
4.9 View Roster

4.9.1 Flowchart



Flowchart: View Roster

4.9.2 Sequence Diagram



Sequence Diagram: View Roster

4.9.3 Form Parameter

N/A

4.9.4 Error Message

N/A

4.9.5 Screen Layout

View Roster

Roster Title	JADUAL BERTUGAS 9-15 OKT		
Roster Notes	LATEST		
Start Date	2017-10-09	End Date	2017-10-15
Roster Notes	LATEST		
Assigned Staff	Jenny Imanina Lanong Abdullah Zaphne Philip Suriani Razali Nor Azlina Sani		

Assign Roster

Legend

DUTY 830AM-530PM

DUTY 9AM-6PM

ANNUAL LEAVE

DUTY 630PM-230PM

HALF DAY

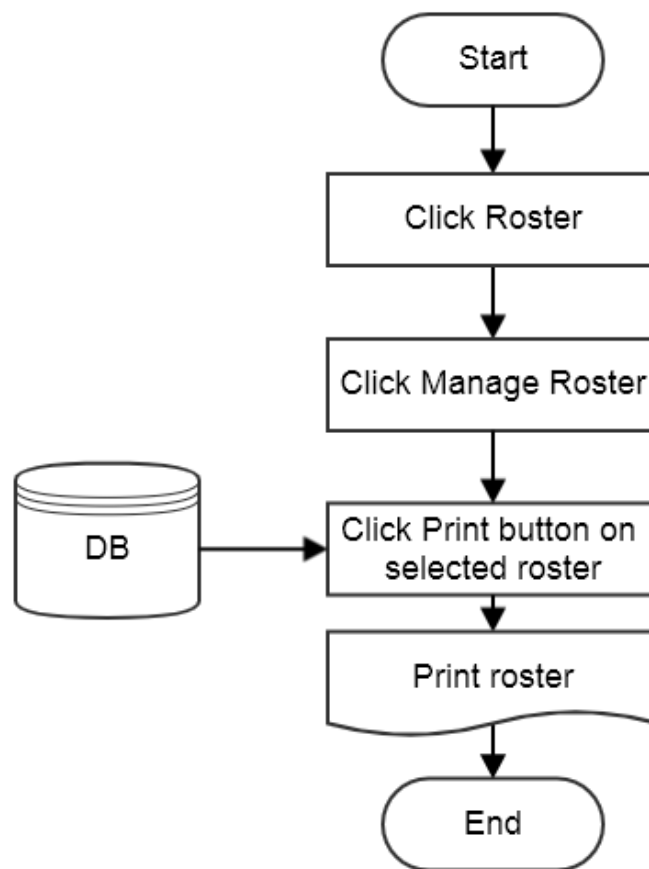
JADUAL BERTUGAS 9-15 OKT

Name	Mobile	Designation	Group	Mon (09/10)	Tue (10/10)	Wed (11/10)	Thu (12/10)	Fri (13/10)	Sat (14/10)	Sun (15/10)
Jenny Imanina Lanong Abdullah	0320504434	Senior Executive	Sub Editor Portal							
Zaphne Philip	011-25183163	Executive Editorial	Sub Editor Portal							
Suriani Razali		Executive Editorial	Sub Editor Portal							

Screen Layout: View Roster

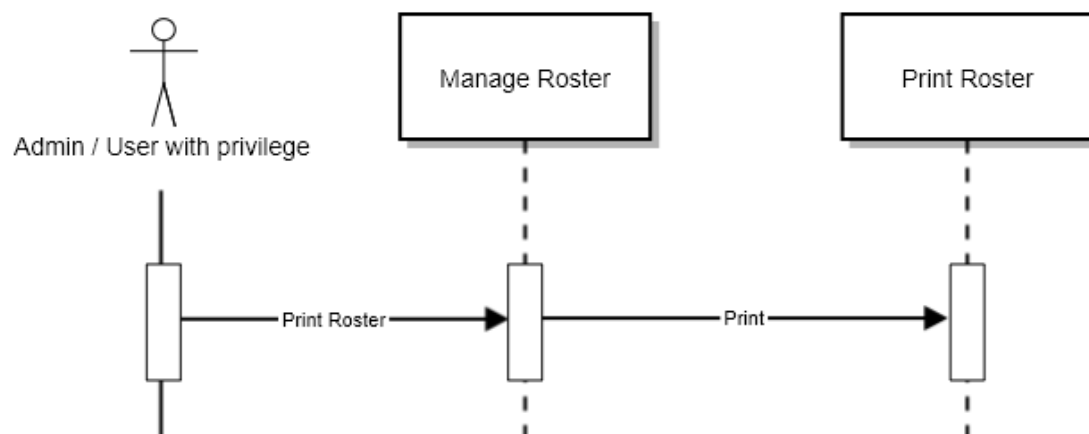
4.10 Print Roster

4.10.1 Flowchart



Flowchart: Print Roster

4.10.2 Sequence Diagram



Sequence Diagram: Print Roster

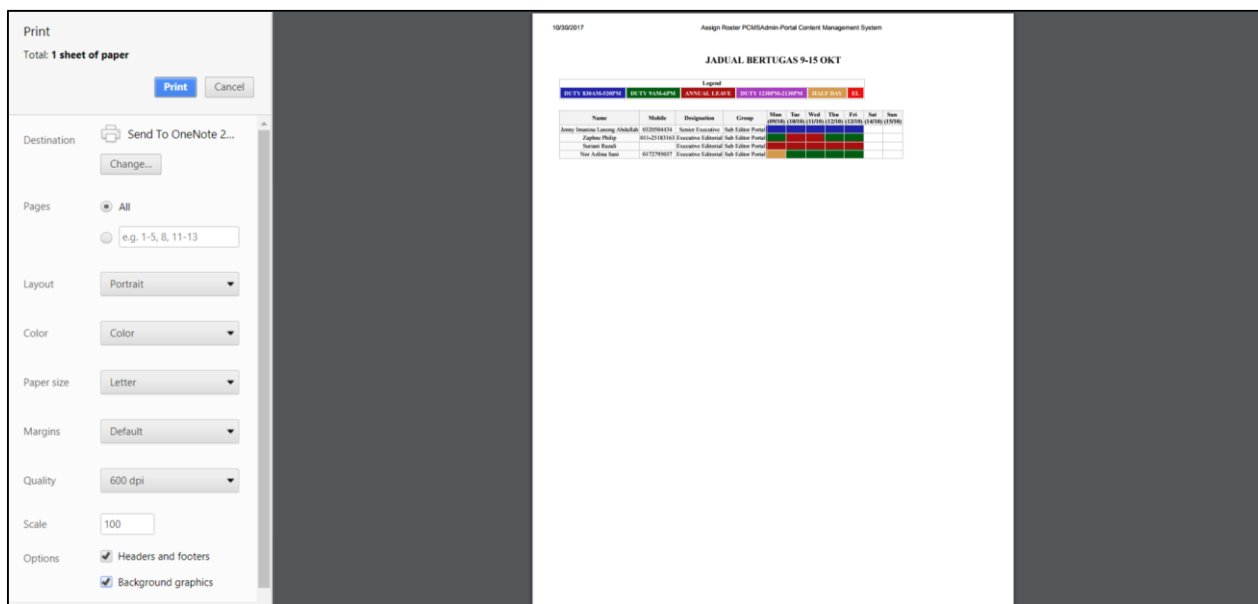
4.10.3 Form Parameter

N/A

4.10.4 Error Message

N/A

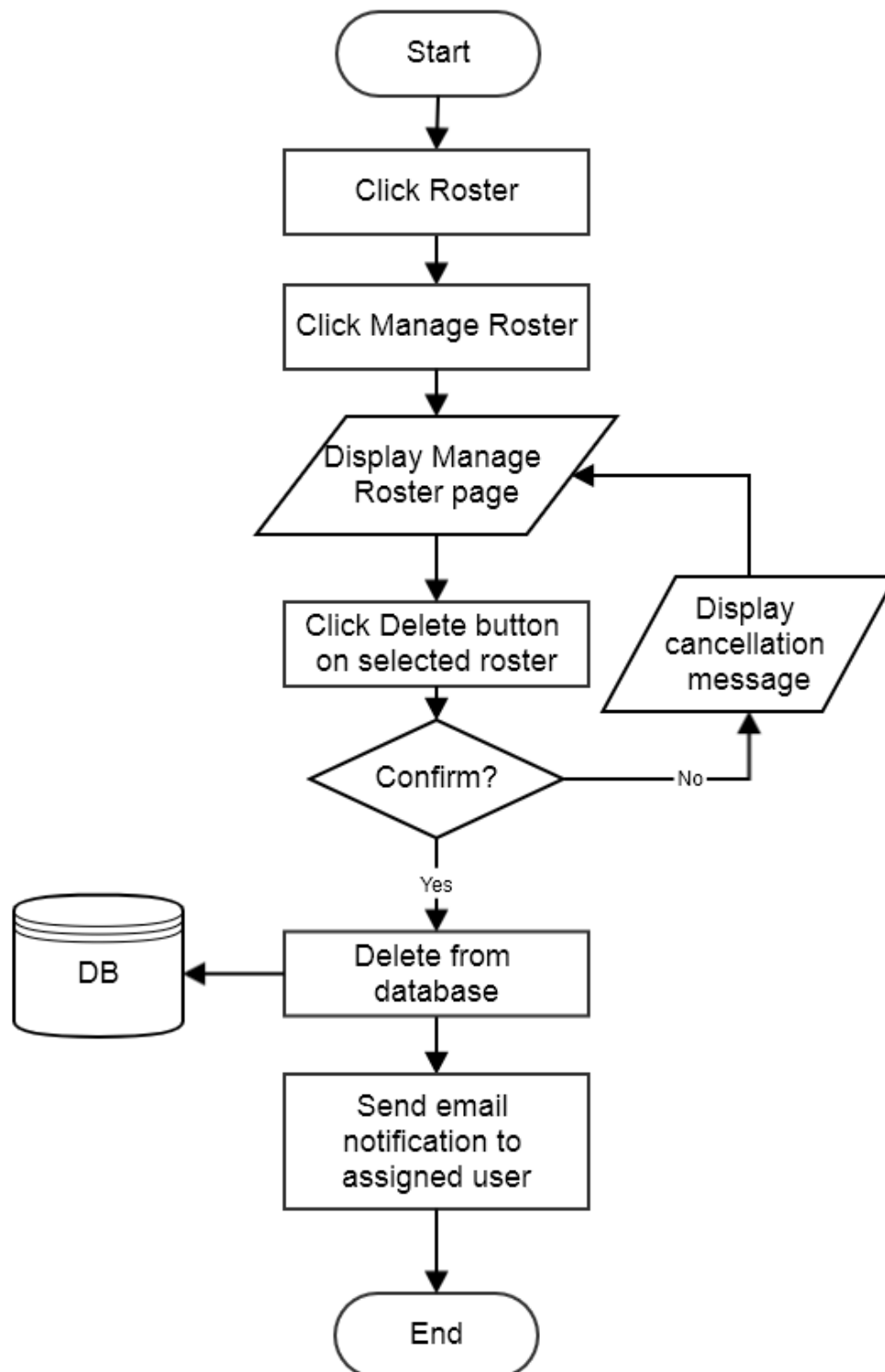
4.10.5 Screen Layout



Screen Layout: Print Roster

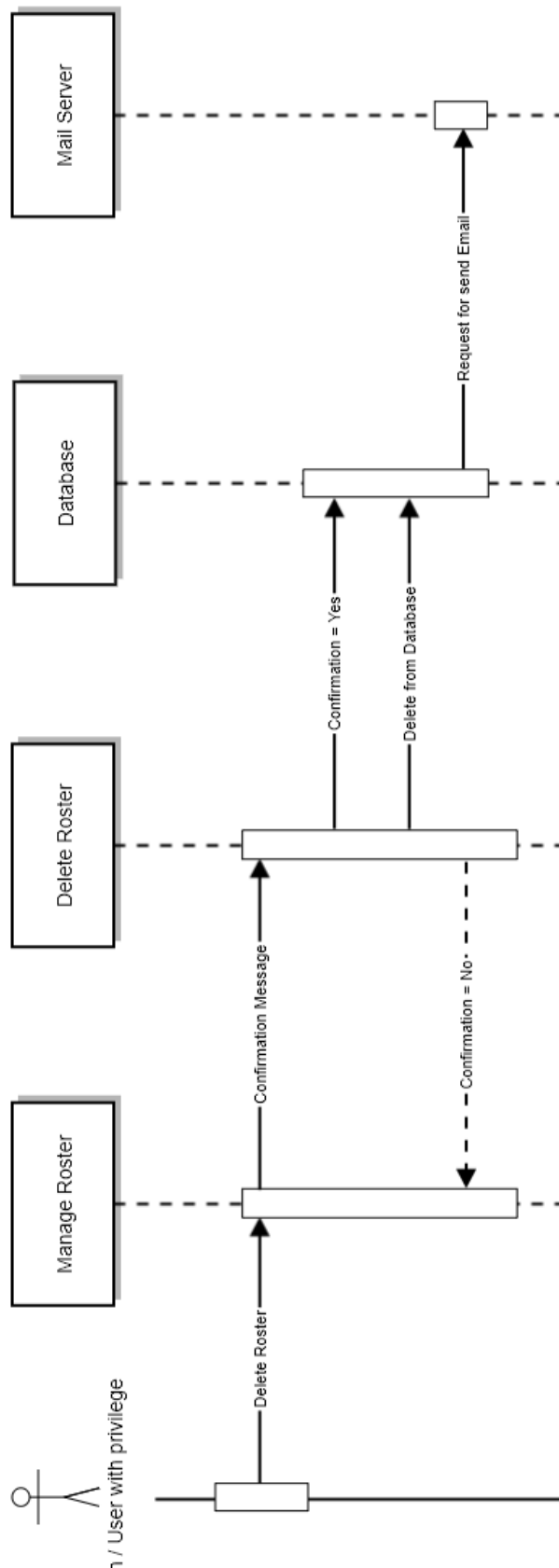
4.11 Delete Roster

4.11.1 Flowchart



Flowchart: Delete Roster

4.11.2 Sequence Diagram



Sequence Diagram: Delete Roster

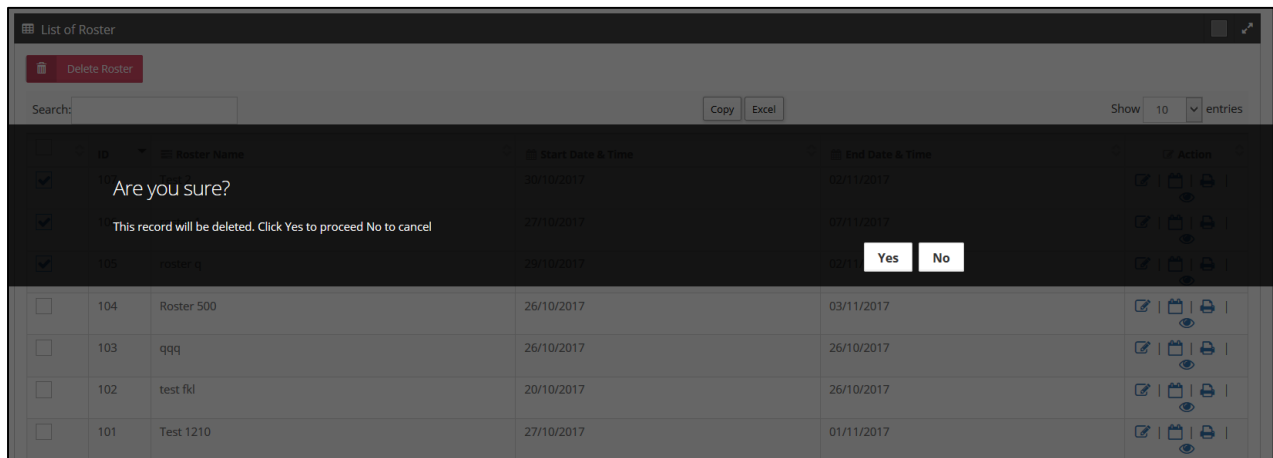
4.11.3 Form Parameter

N/A

4.11.4 Error Message

N/A

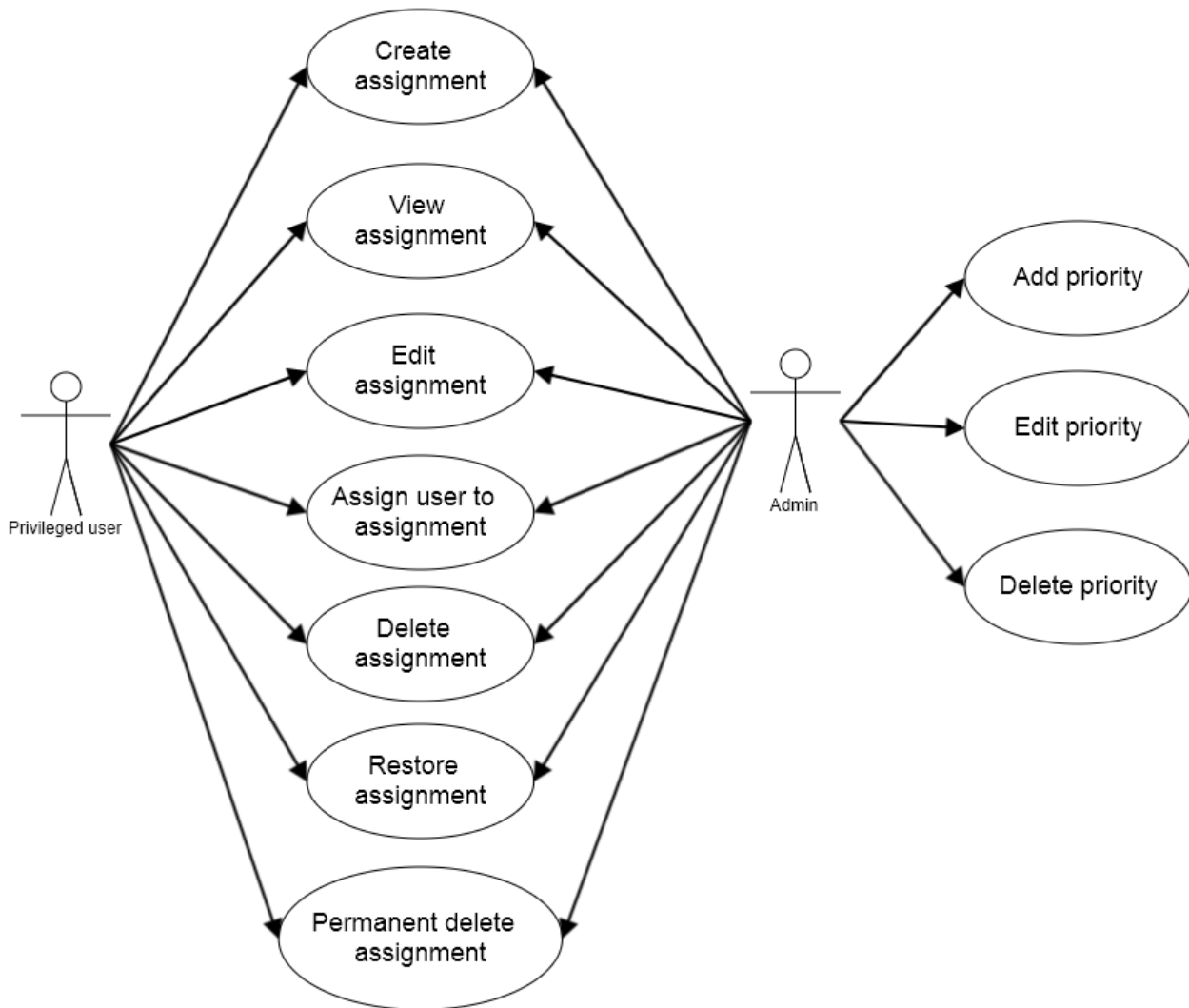
4.11.5 Screen Layout



Screen Layout: Delete Roster

5 Module: Assignment

5.1 Use Case



Use Case: Assignment

5.2 Use Case Description

This module allows assignment management by user. The followings are the functions included under this module:

- Create, read, update & delete assignment
- Restore assignment
- Create, update & delete priority

This module enables users to make multiple selection for delete functions. An email notification will be sent to selected users upon assignment creation, update & delete. Under module Assignment, privileged user should be able to access the following sub module:

1. Create Assignment

Admin and privileged user can create new assignment by entering assignment details and assign to selected staff. Once the assignment is saved, system will send an email notification to the selected staff(s).

2. Active Assignment

This section displays list of active assignments in a table form. An assignment is considered as active if it has not passed its designated end date. It can only be considered as inactive once it is due. The expired assignment will be automatically moved to Manage Trash after 14 days. Users are able to manage current and existing assignment in this section. Only the person who created the assignment has the privilege to edit and delete it while other users may only view the assignment details.

3. Manage Trash

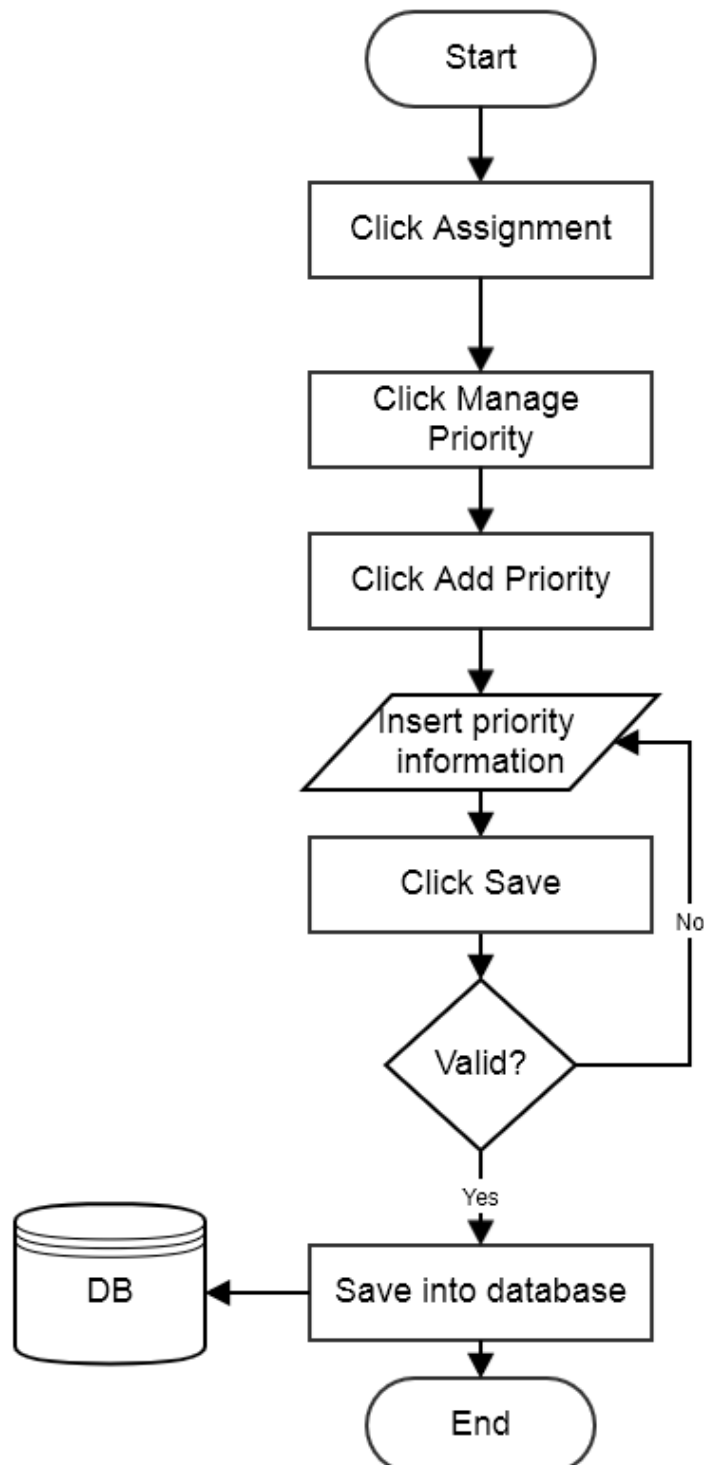
Manage trash, stores assignment that have ended but will repeat again in future or assignment that has been deleted from Active Assignment. User can restore trash assignment in this section by changing the start date & end date of the assignment. The cron work for permanent delete assignment(s) is after 7 days the assignment is in the Manage Trash.

4. Manage Priority

In this section, Admin can manage the list of priority of the assignment. Admin may add new priority, edit existing priority or delete the priority. This priority will be used when user create the assignment.

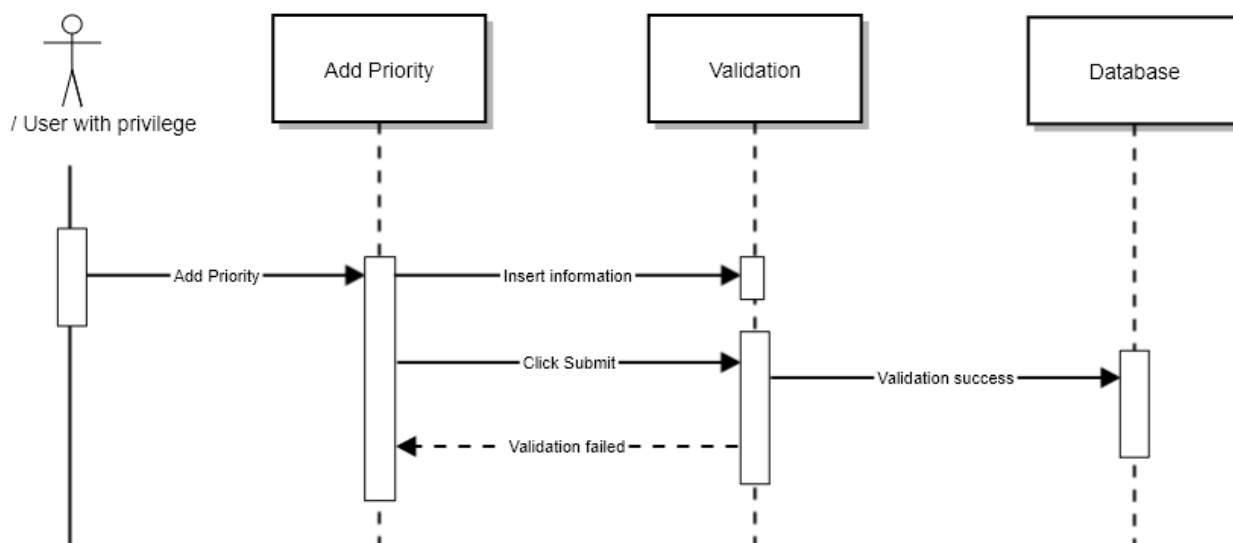
5.3 Add Priority

5.3.1 Flowchart



Flowchart: Add Priority

5.3.2 Sequence Diagram



Sequence Diagram: Add Priority

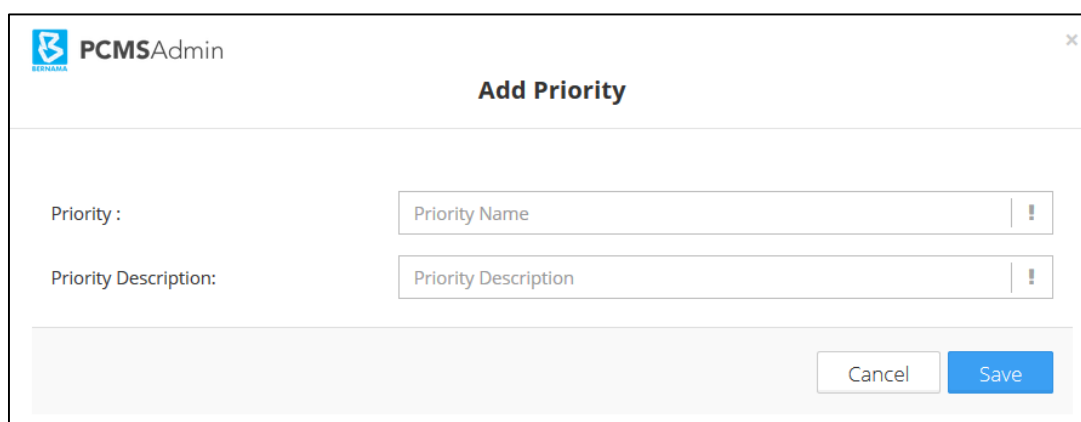
5.3.3 Form Parameter

Request Parameter	Description	Type	Default	Required
Priority	Priority name	Text	N/A	Yes
Priority Description	Priority Description	Text	N/A	No

5.3.4 Error Message

No	Message	Type	Description
1	The priority name is required	Alert	Field cannot be null

5.3.5 Screen Layout

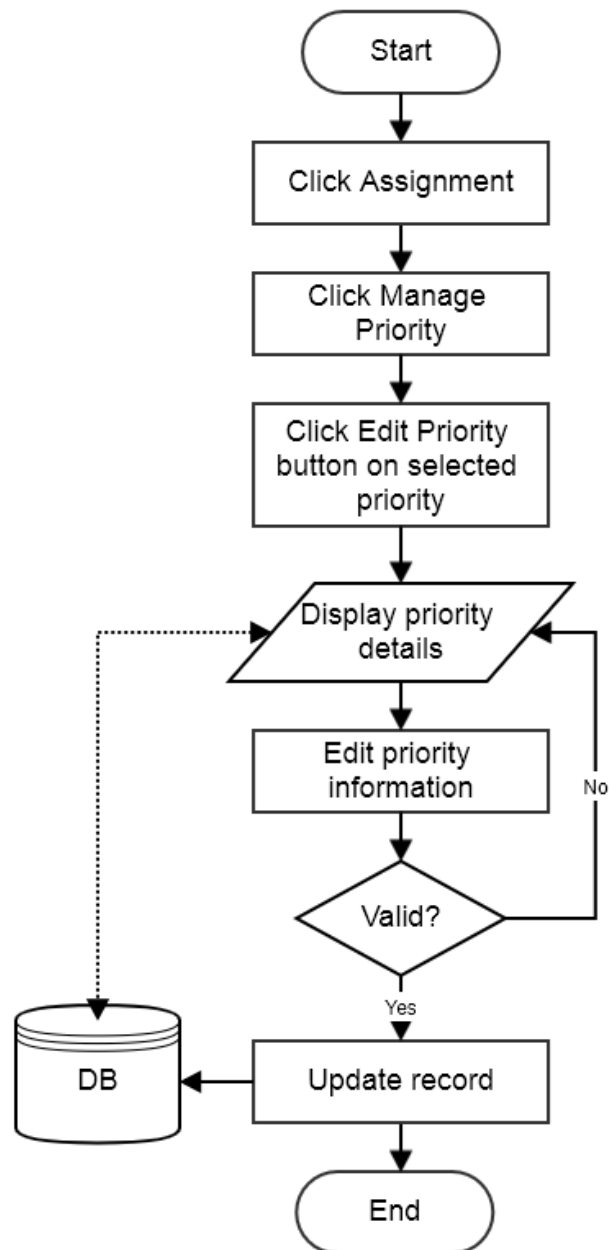


The screenshot shows a web application window titled "PCMSAdmin" with a sub-header "Add Priority". It contains two text input fields: "Priority Name" and "Priority Description". Below the fields are "Cancel" and "Save" buttons. The "Priority Name" field has a red exclamation mark icon, indicating a validation error.

Screen Layout: Add Priority

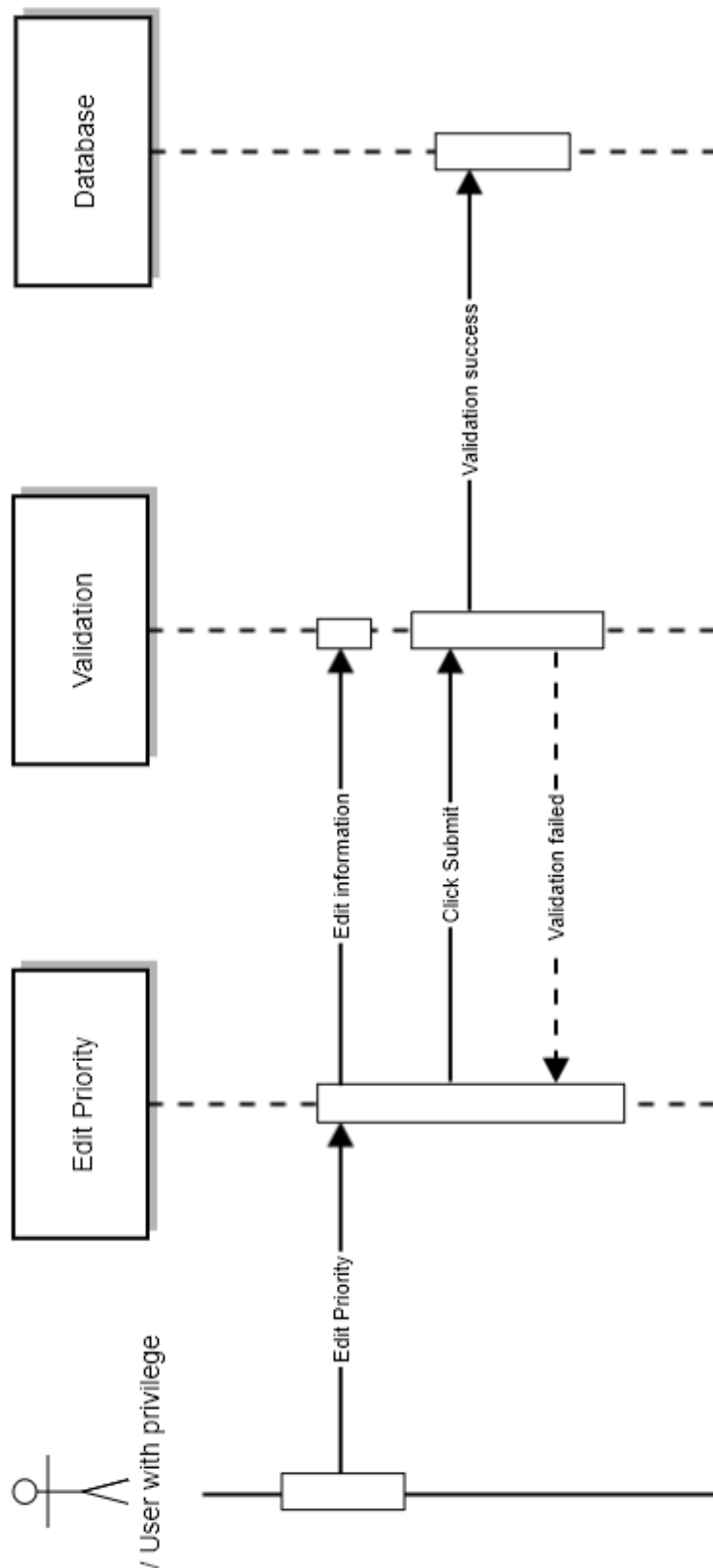
5.4 Edit Priority

5.4.1 Flowchart



Flowchart: Edit Priority

5.4.2 Sequence Diagram



Sequence Diagram: Edit Priority

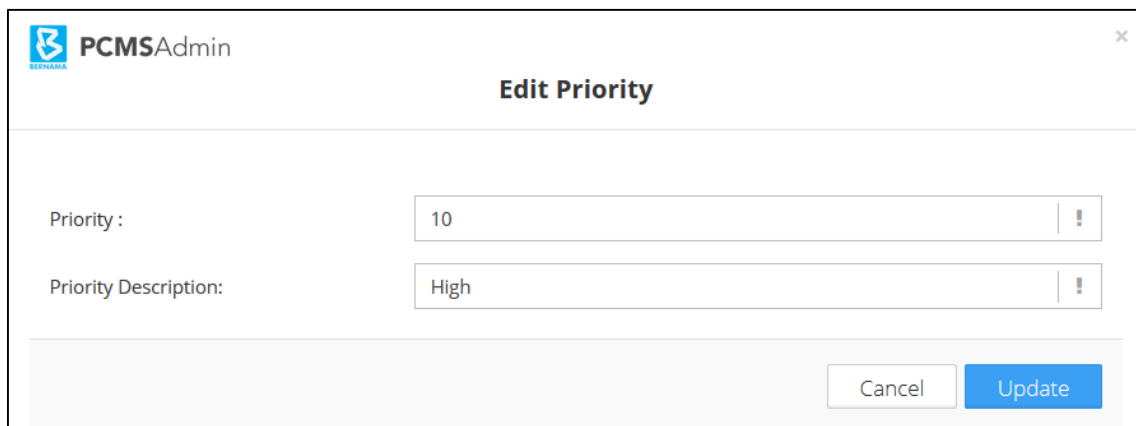
5.4.3 Form Parameter

Request Parameter	Description	Type	Default	Required
Priority	Priority name	Text	Previously saved data	Yes
Priority Description	Priority Description	Text	Previously saved data	No

5.4.4 Error Message

No	Message	Type	Description
1	The priority name is required	Alert	Field cannot be null

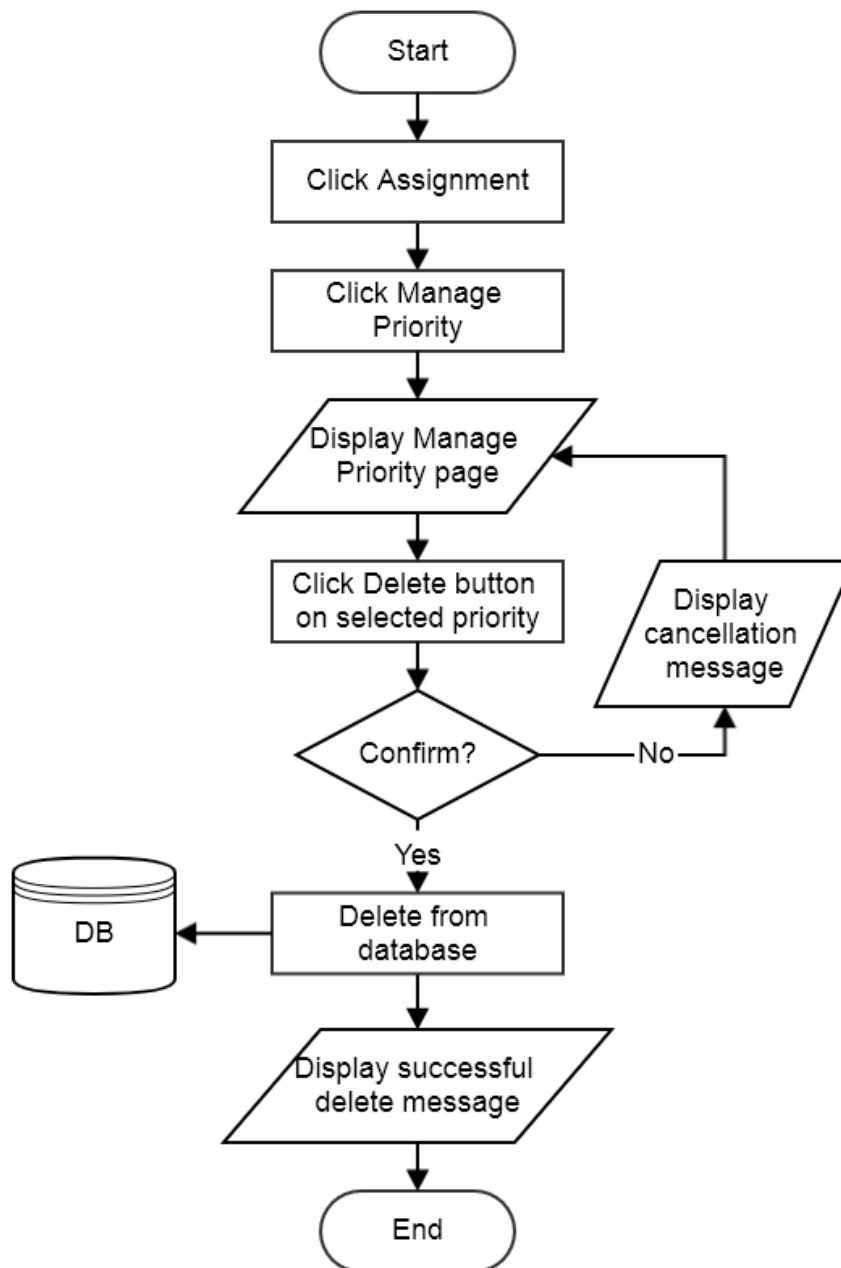
5.4.5 Screen Layout



Screen Layout: Edit Priority

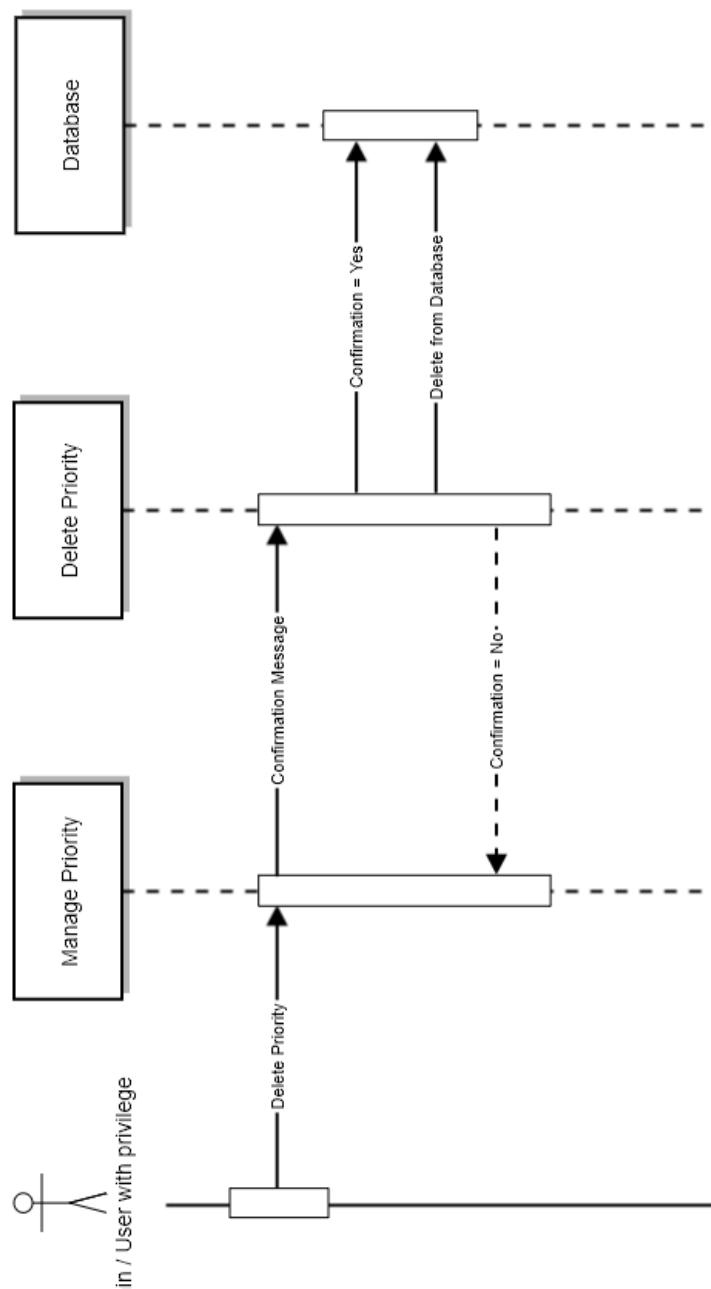
5.5 Delete Priority

5.5.1 Flowchart



Flowchart: Delete Priority

5.5.2 Sequence Diagram



Sequence Diagram: Delete Priority

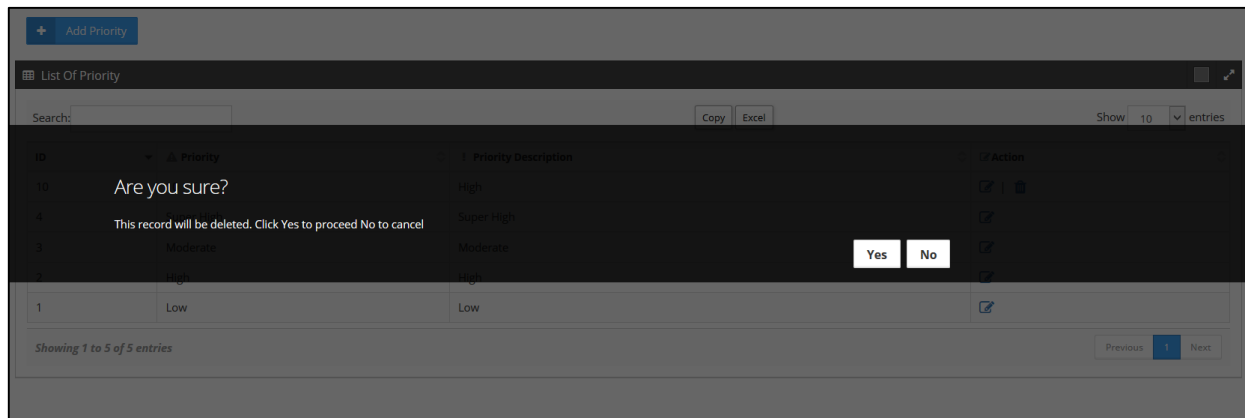
5.5.3 Form Parameter

N/A

5.5.4 Error Message

N/A

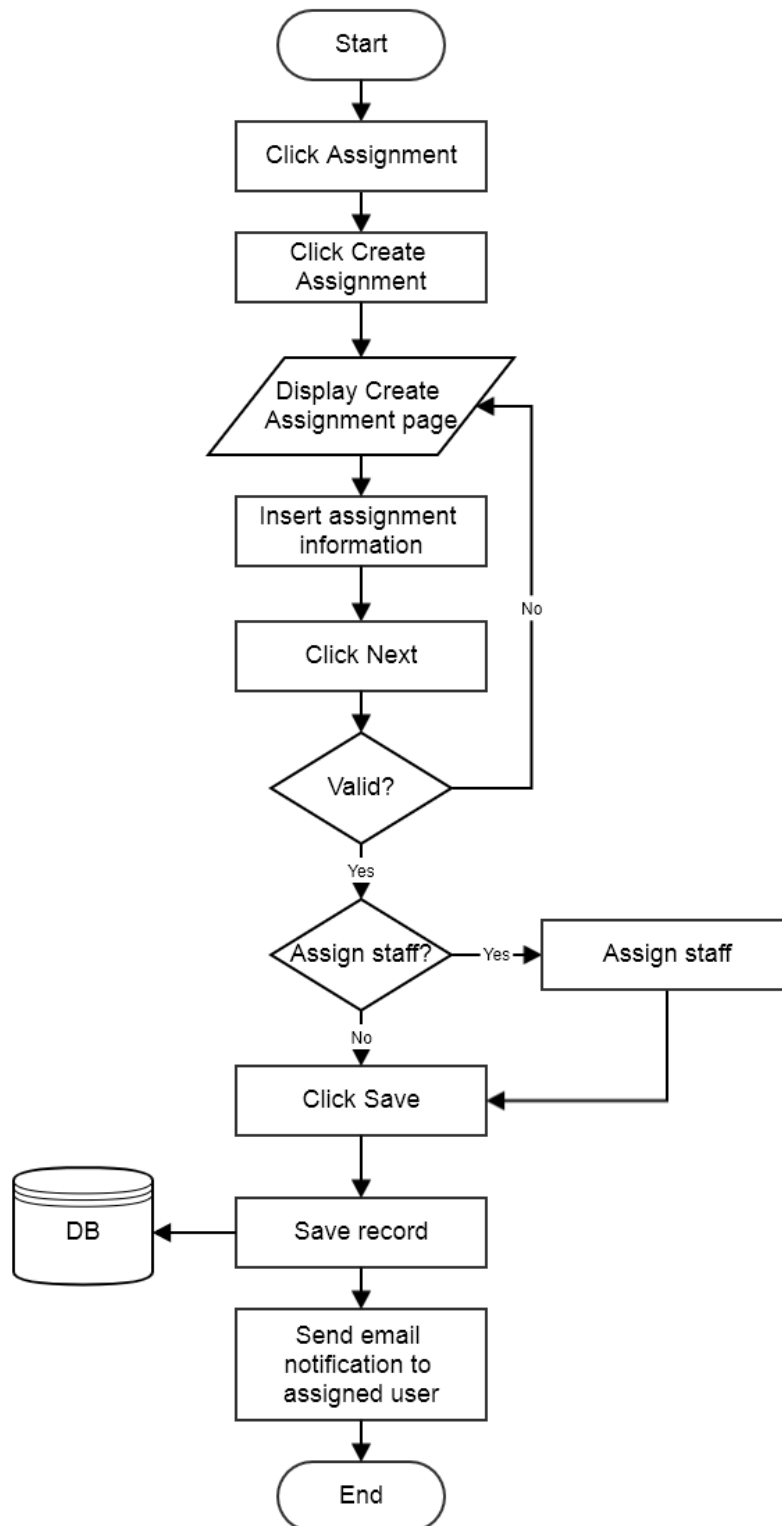
5.5.5 Screen Layout



Screen Layout: Delete Priority

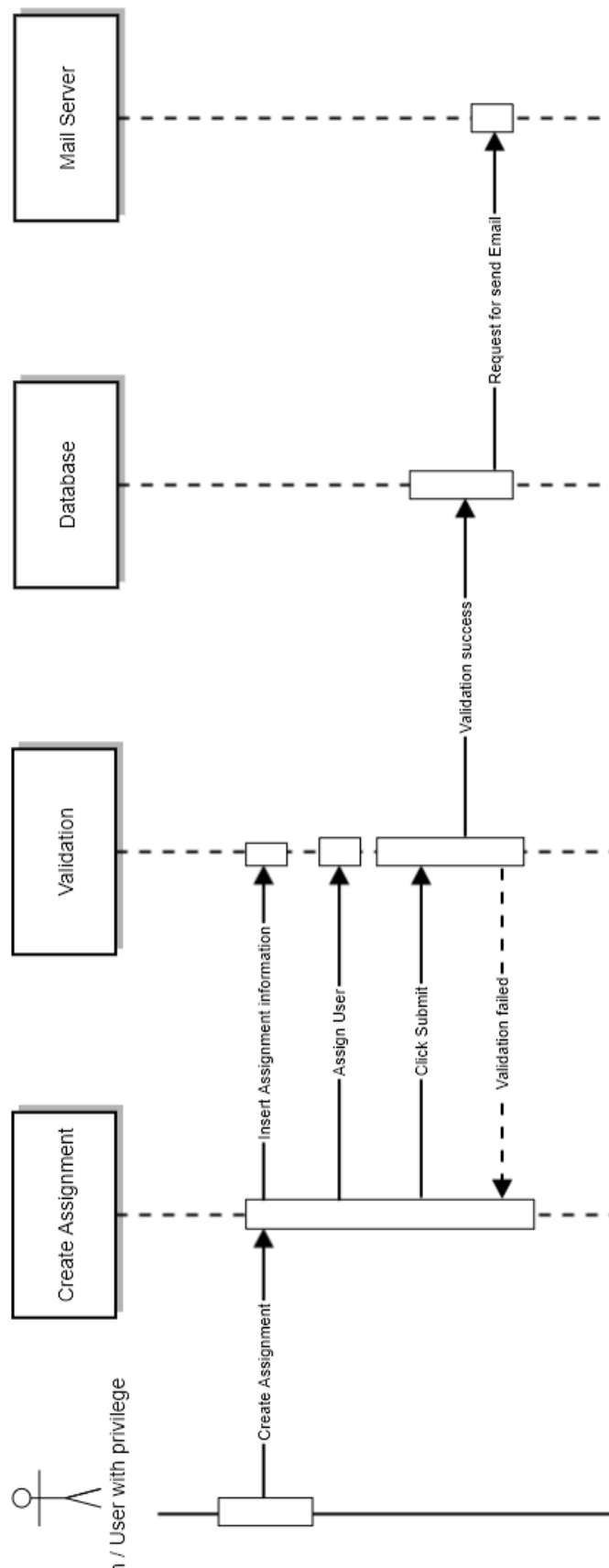
5.6 Create Assignment

5.6.1 Flowchart



Flowchart: Create Assignment

5.6.2 Sequence Diagram



Sequence Diagram: Create Assignment

5.6.3 Form Parameter

Request Parameter	Description	Type	Default	Required
Title	Assignment title	Text	N/A	Yes
Location	Assignment location	Text	N/A	No
Priority	Assignment priority	Dropdown	N/A	Yes
Start date	Start date & time	Date/Time	Today's date & current time	Yes
End date	End date & time	Date/Time	Today's date & current time	Yes
Note/Remarks	Note	Text	N/A	No
Upload file(invitation)	Attachment	File	N/A	No
Staff	To assigned staff	Checkbox	N/A	No

5.6.4 Error Message

No	Message	Type	Description
1	The assignment title is required	Alert	Field cannot be null
2	The priority field is required	Alert	Field cannot be null

5.6.5 Screen Layout

✓ Create Assignment

1

2

GeneralAssign Staff

Step 1 - General

Title *

Title

Location

Location

Priority *

Please Choose

Start Date *

30/10/2017 13:23

End Date *

30/10/2017 13:23

Notes/Remarks

Note/Remarks :

Upload file(Invitation) :

Browse...

No file selected.

✓ Create Assignment

✓

2

GeneralAssign Staff

Step 2 - Assign Staff

List of All Staff

Search:

CopyExcel

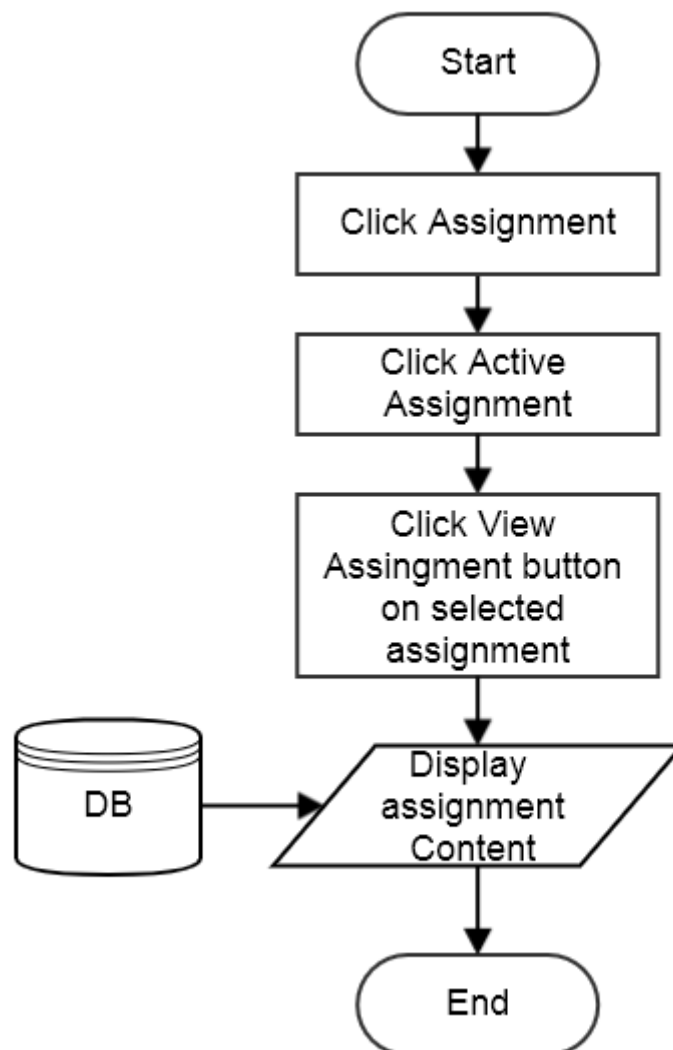
Show 10 entries

Name	Assignment Title	Start Date	End Date	Location	Select
A.HAFEZ OTHMAN	-	-	-	-	☐
Abdullah Hamzah	qqq	26/10/2017 11:24	26/10/2017 11:24	qqq	☐
Abu Bakar Mohamed	-	-	-	-	☐
Administator PCMS	FOOD FESTIVAL	25/08/2017 11:23	25/08/2017 11:23	MAEPS	☐
Ahmad Kamil Tahir	-	-	-	-	☐
Ahmad Nufael	-	-	-	-	☐
Ahmad Sabri Yusof	-	-	-	-	☐

Screen Layout: Create Assignment

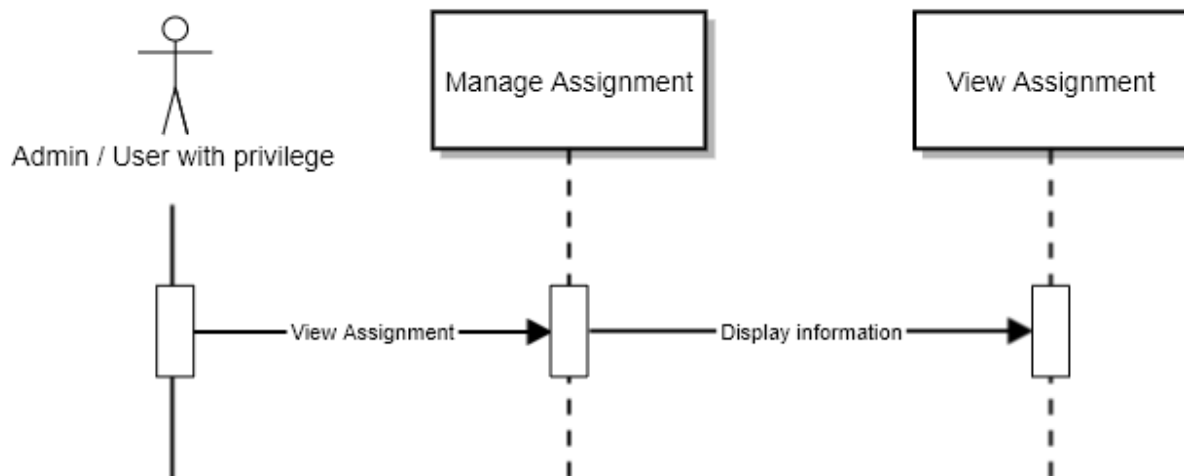
5.7 View Assignment

5.7.1 Flowchart



Flowchart: View Assignment

5.7.2 Sequence Diagram



Sequence Diagram: View Assignment

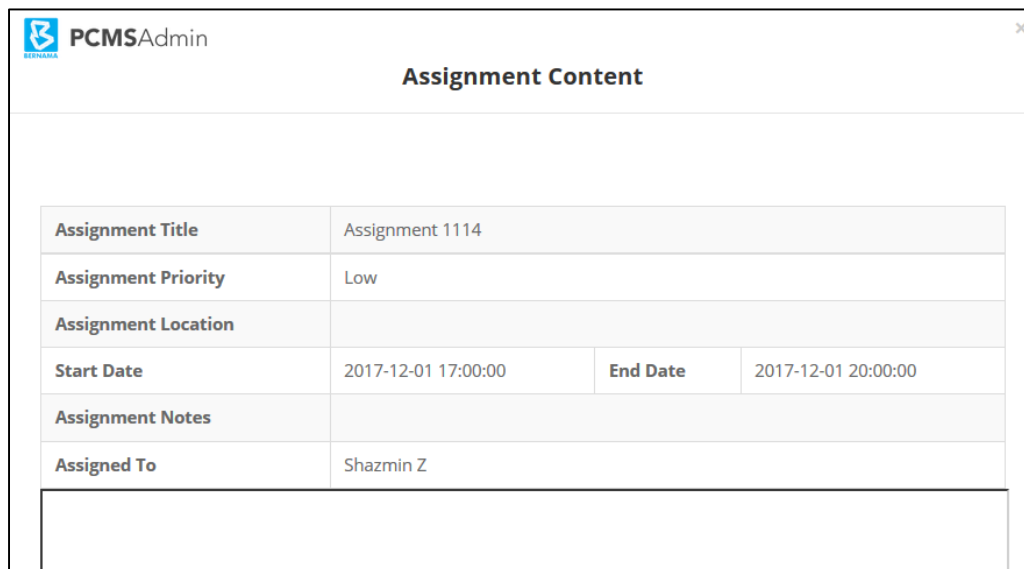
5.7.3 Form Parameter

N/A

5.7.4 Error Message

N/A

5.7.5 Screen Layout



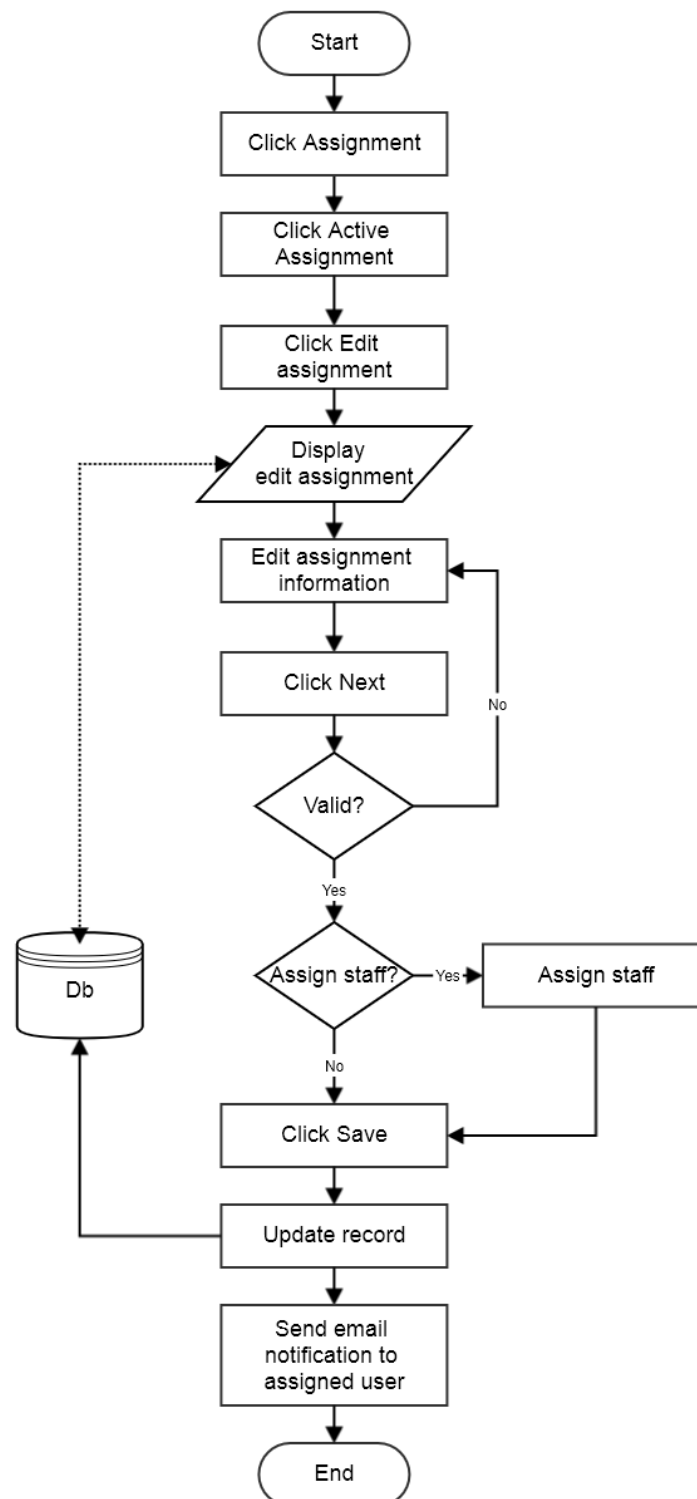
The screenshot shows the 'Assignment Content' form in the PCMSAdmin interface. The form contains the following fields:

Assignment Content			
Assignment Title	Assignment 1114		
Assignment Priority	Low		
Assignment Location			
Start Date	2017-12-01 17:00:00	End Date	2017-12-01 20:00:00
Assignment Notes			
Assigned To	Shazmin Z		

Screen Layout: View Assignment

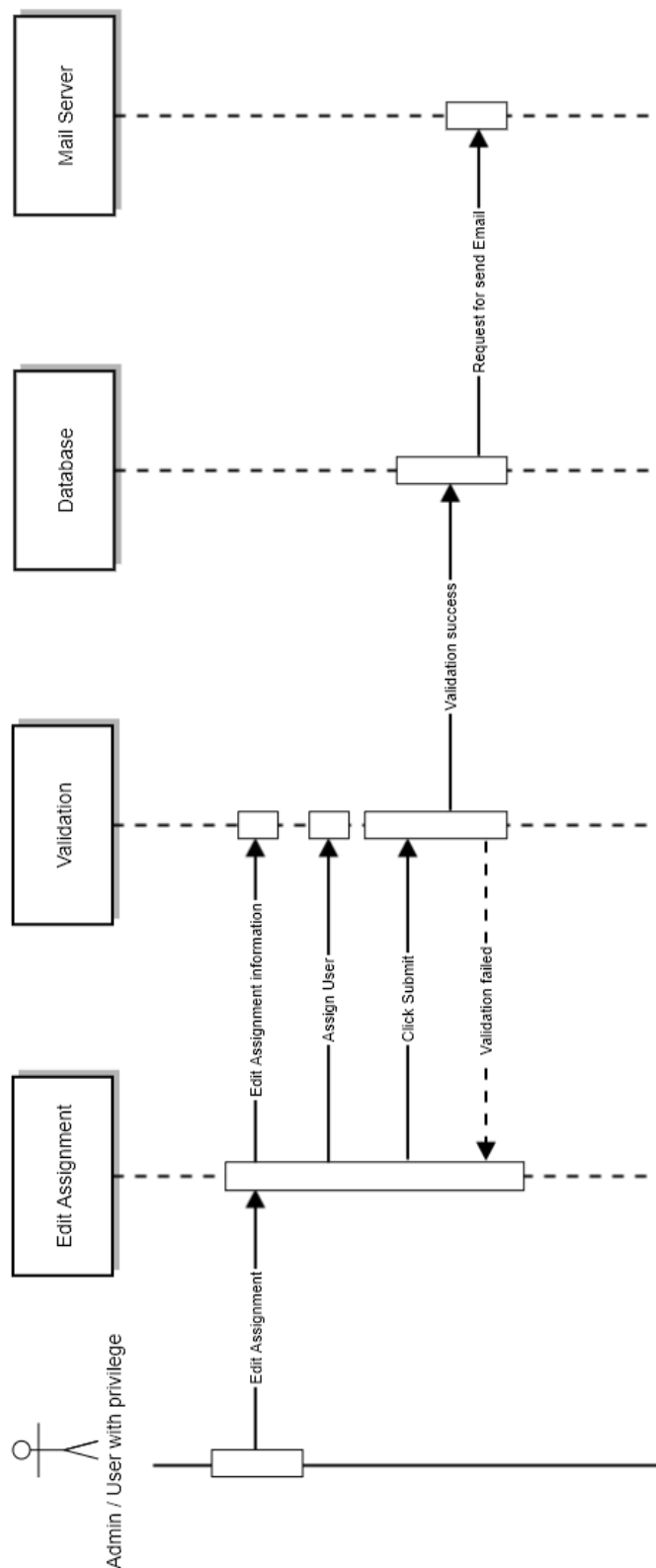
5.8 Edit Assignment

5.8.1 Flowchart



Flowchart: Edit Assignment

5.8.2 Sequence Diagram



Sequence Diagram: Edit Assignment

5.8.3 Form Parameter

Request Parameter	Description	Type	Default	Required
Title	Assignment title	Text	Previously saved data	Yes
Location	Assignment location	Text	Previously saved data	No
Priority	Assignment priority	Dropdown	Previously saved data	Yes
Start date	Start date & time	Date/Time	Previously saved data	Yes
End date	End date & time	Date/Time	Previously saved data	Yes
Note/Remarks	Note	Text	Previously saved data	No
Upload file(invitation)	Attachment	File	Previously saved data	No
Staff	To assigned staff	Checkbox	Previously saved data	No

5.8.4 Error Message

No	Message	Type	Description
1	The assignment title is required	Alert	Field cannot be null
2	The priority field is required	Alert	Field cannot be null

5.8.5 Screen Layout

✓ Edit Assignment

1

2

GeneralAssign Staff

Step 1 - General

Title  Assignment 1114

Location  Location

Priority  Low

Start Date  01/12/2017 17:00

End Date  01/12/2017 20:00

Notes/Remarks

Note/Remarks : 

Upload file(Invitation) :  No file selected.

✓ Edit Assignment



2

GeneralAssign Staff

Step 2 - Assign Staff

List of All Staff

Search:

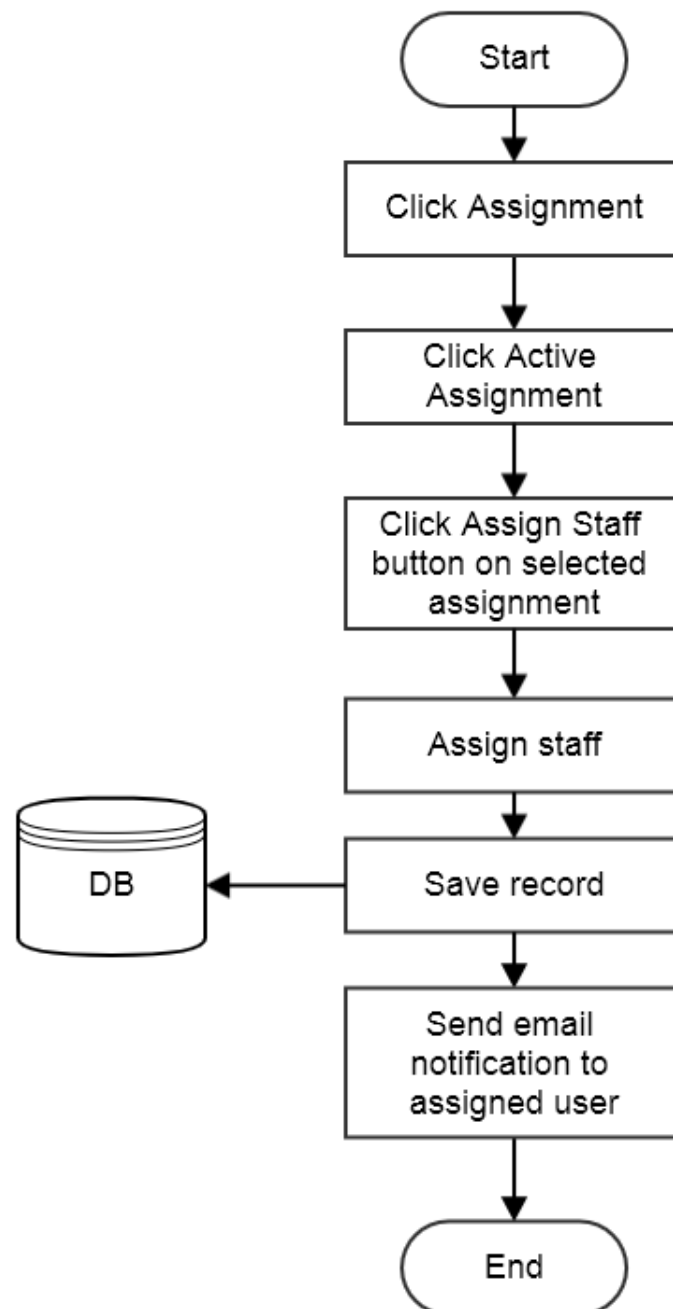
Show 10 entries

Name	Assignment Title	Start Date	End Date	Location	Select
A.HAFEZ OTHMAN	-	-	-	-	☐
Abdullah Hamzah	qqq	26/10/2017 11:24	26/10/2017 11:24	qqq	☐
Abu Bakar Mohamed	-	-	-	-	☐
Administrator PCMS	FOOD FESTIVAL	25/08/2017 11:23	25/08/2017 11:23	MAEPS	☐
Ahmad Kamill Tahir	-	-	-	-	☐
Ahmad Nufael	-	-	-	-	☐
Ahmad Sabri Yusof	-	-	-	-	☐
Ain Fatih Abdul Karim	-	-	-	-	☐

Screen Layout: Edit Assignment

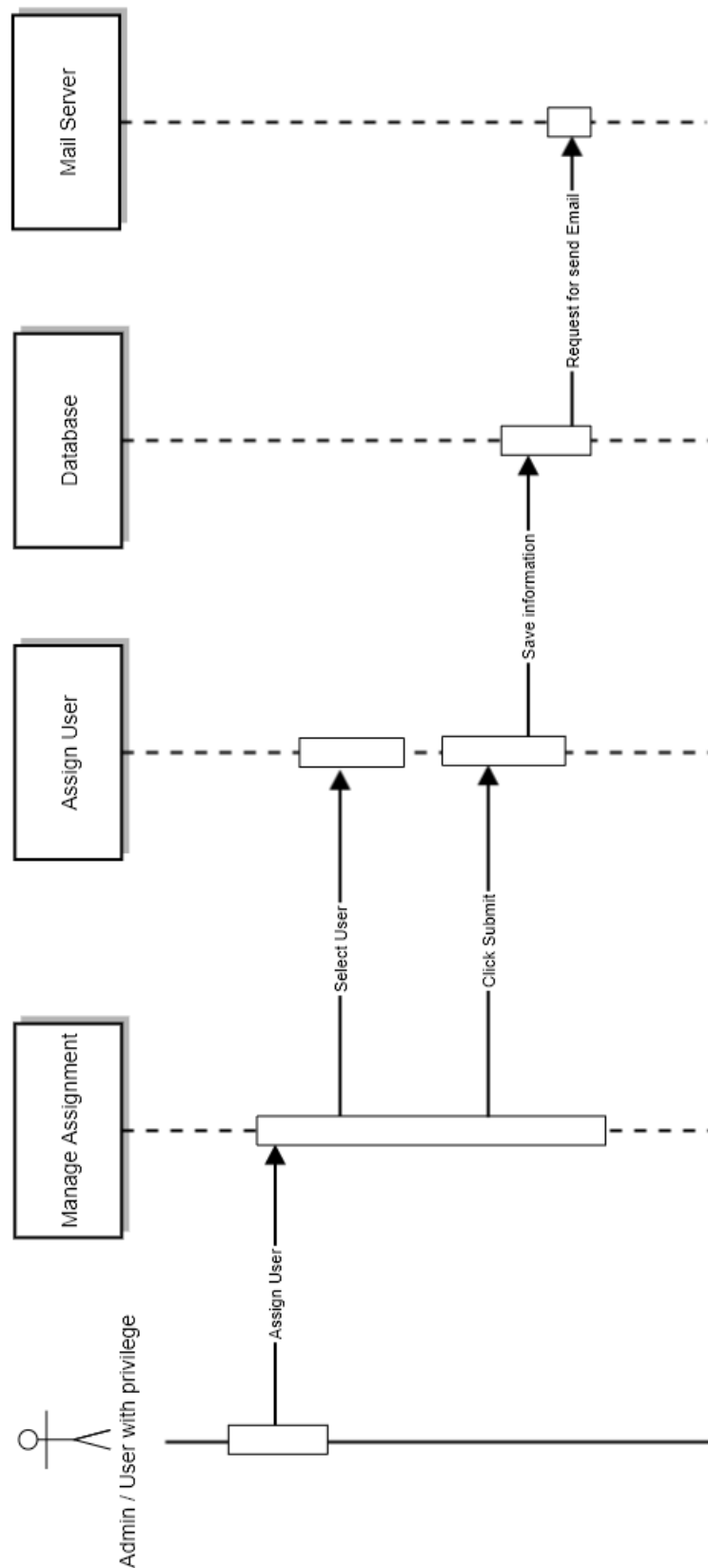
5.9 Assign User to Assignment

5.9.1 Flowchart



Flowchart: Assign User to Assignment

5.9.2 Sequence Diagram



Sequence Diagram: Assign User to Assignment

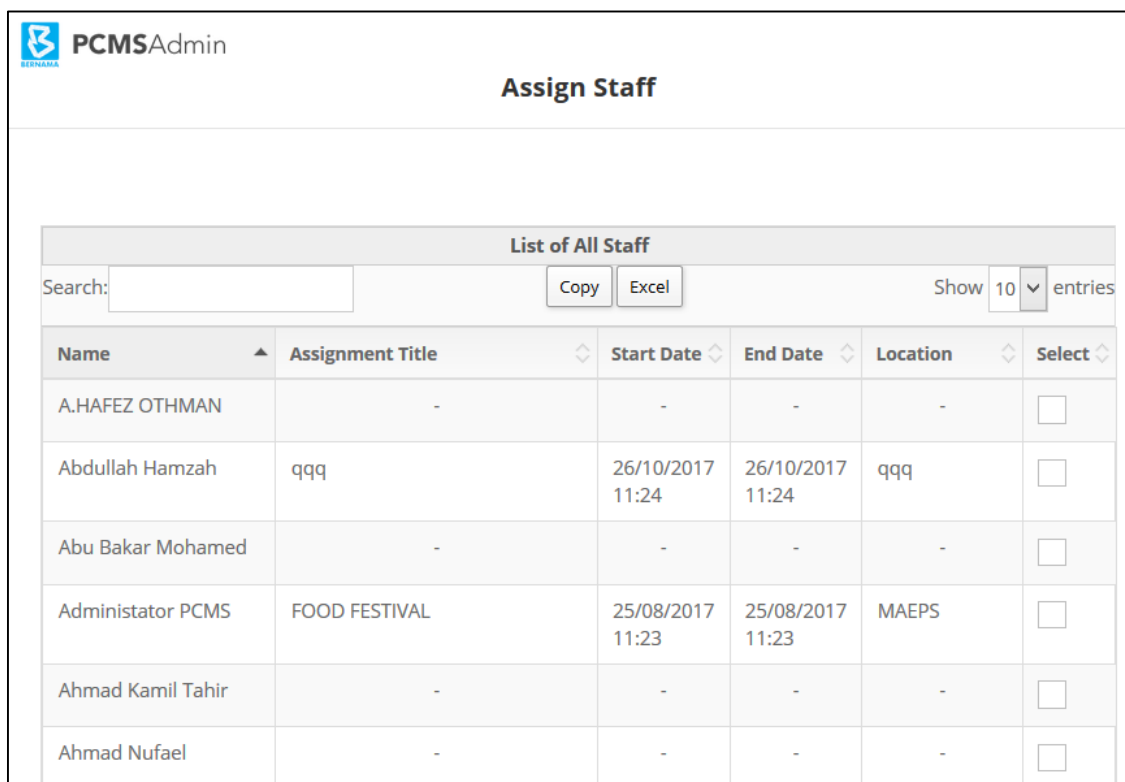
5.9.3 Form Parameter

Request Parameter	Description	Type	Default	Required
Staff	To assigned staff	Checkbox	Previously saved data	No

5.9.4 Error Message

N/A

5.9.5 Screen Layout



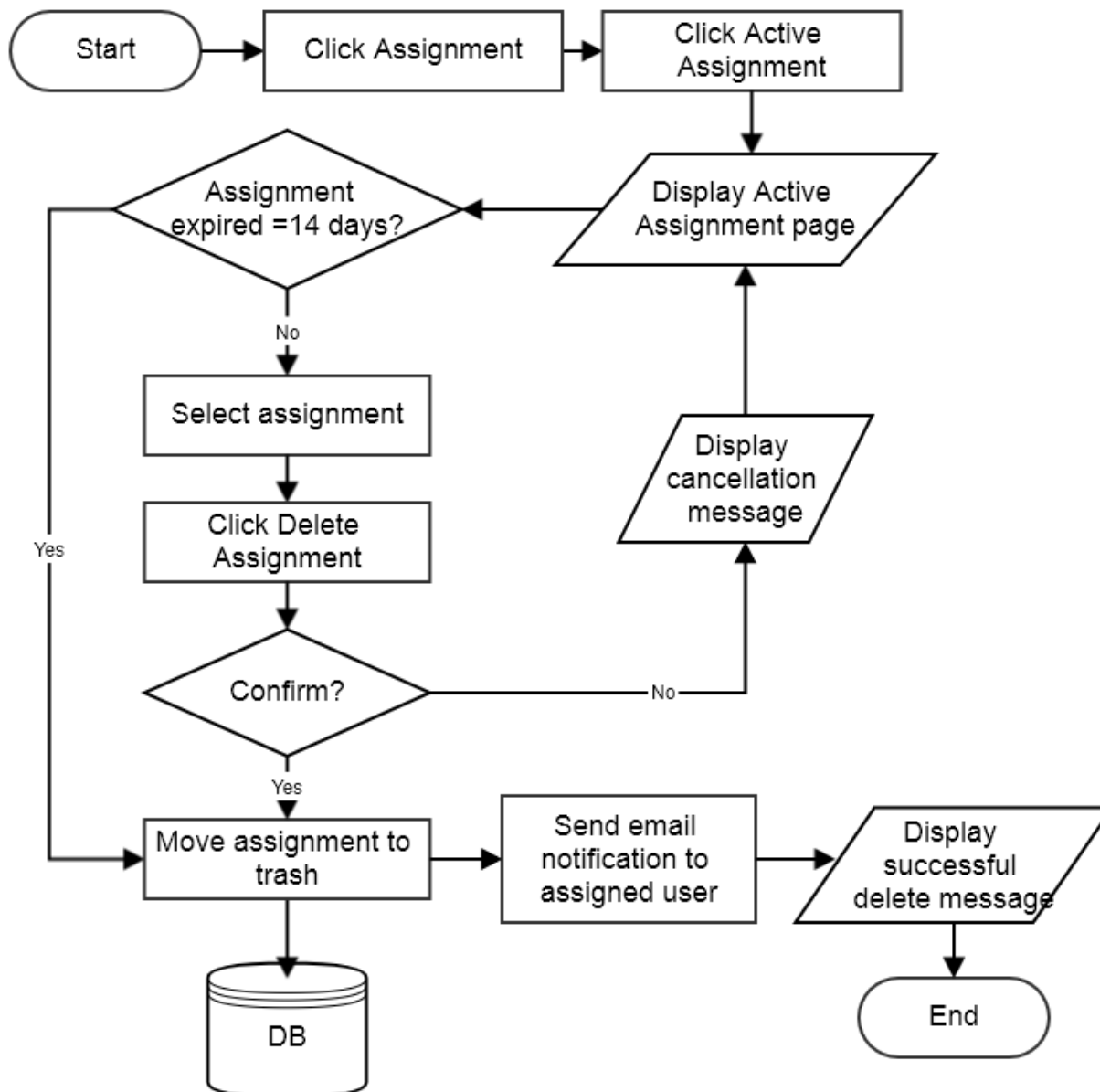
The screenshot shows the 'Assign Staff' interface in the PCMSAdmin system. At the top, there's a header with the BERNAMA logo and 'PCMSAdmin'. Below it, the title 'Assign Staff' is centered. The main content area features a 'List of All Staff' table. Above the table, there is a search bar, 'Copy' and 'Excel' buttons, and a 'Show 10 entries' dropdown. The table has columns for Name, Assignment Title, Start Date, End Date, Location, and a Select checkbox. The data rows show various staff members and their assignments, including 'A.HAFEZ OTHMAN', 'Abdullah Hamzah', 'Abu Bakar Mohamed', 'Administator PCMS' (assigned to 'FOOD FESTIVAL'), 'Ahmad Kamil Tahir', and 'Ahmad Nufael'.

Name	Assignment Title	Start Date	End Date	Location	Select
A.HAFEZ OTHMAN	-	-	-	-	☐
Abdullah Hamzah	qqq	26/10/2017 11:24	26/10/2017 11:24	qqq	☐
Abu Bakar Mohamed	-	-	-	-	☐
Administator PCMS	FOOD FESTIVAL	25/08/2017 11:23	25/08/2017 11:23	MAEPS	☐
Ahmad Kamil Tahir	-	-	-	-	☐
Ahmad Nufael	-	-	-	-	☐

Screen Layout: Assign User to Assignment

5.10 Delete Assignment

5.10.1 Flowchart



Flowchart: Delete Assignment

5.10.2 Sequence Diagram

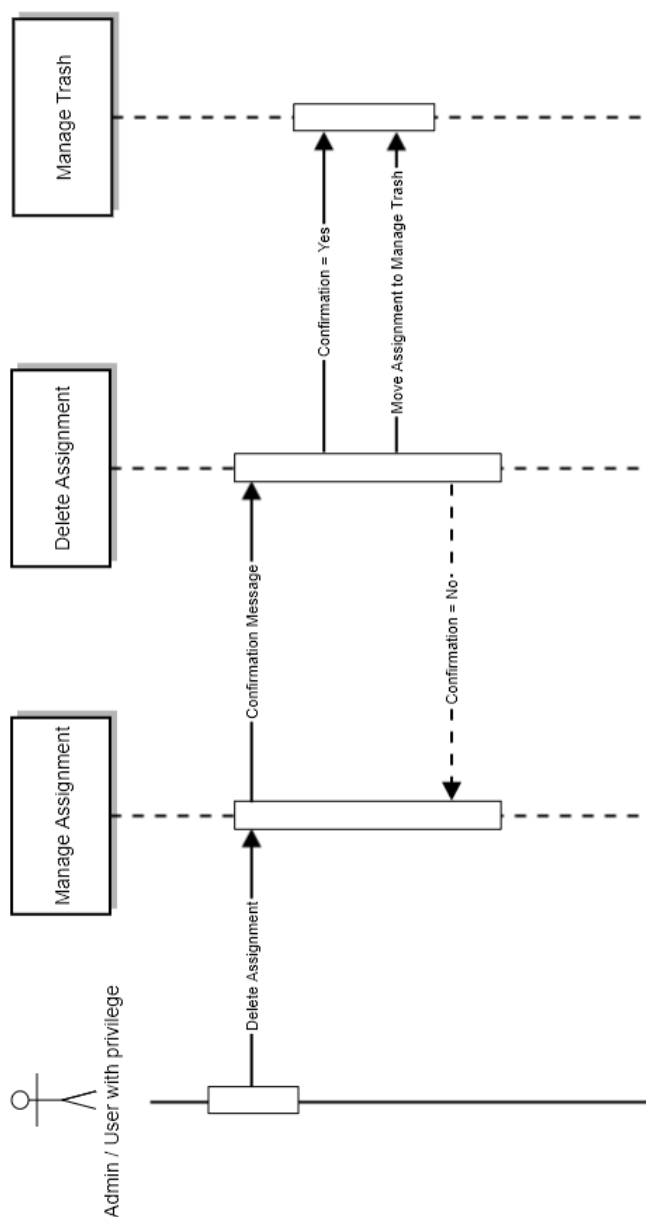
5.10.3 Form Parameter

N/A

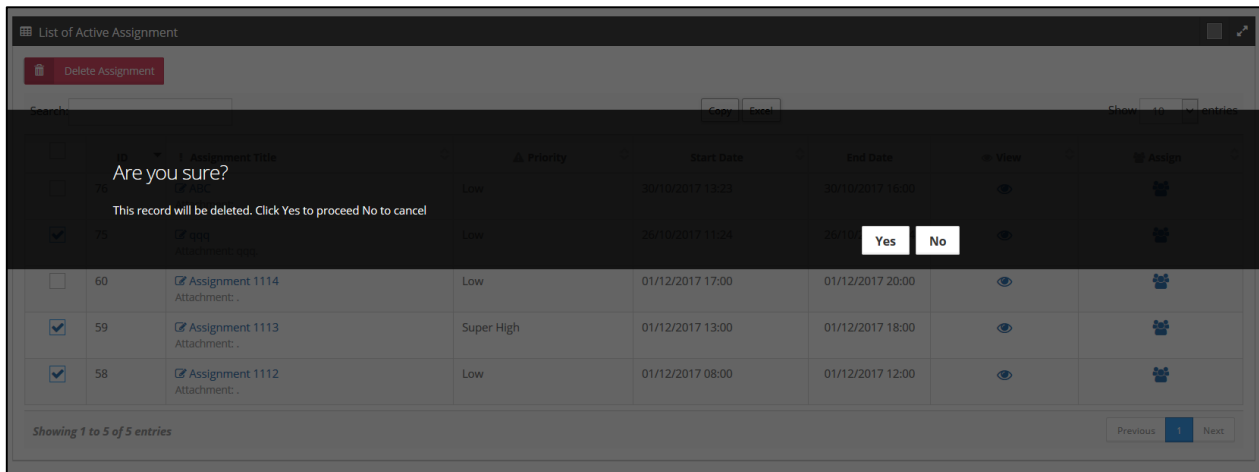
5.10.4 Error Message

N/A

5.10.5 Screen Layout



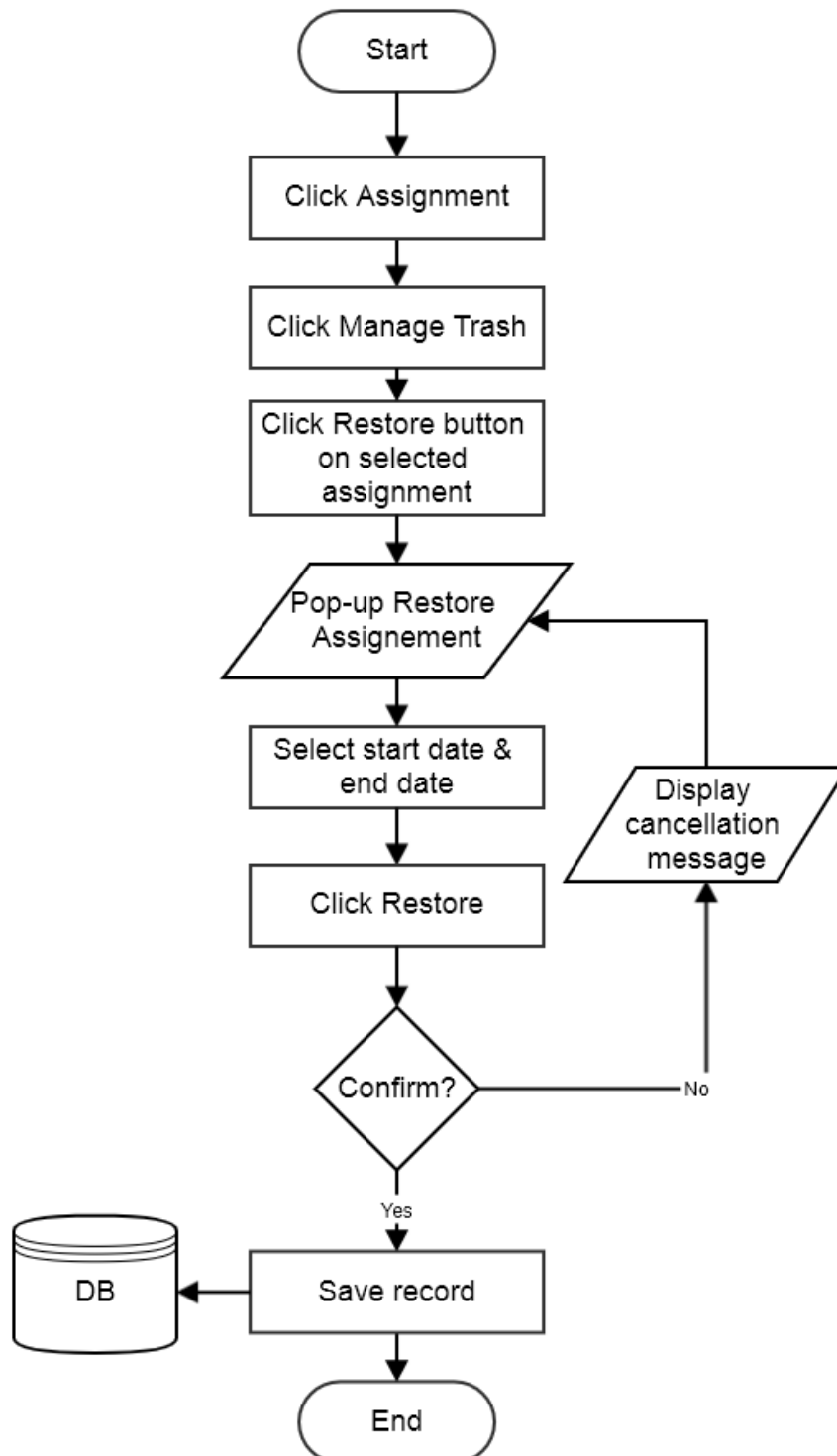
Sequence Diagram: Delete Assignment



Screen Layout: Delete Assignment

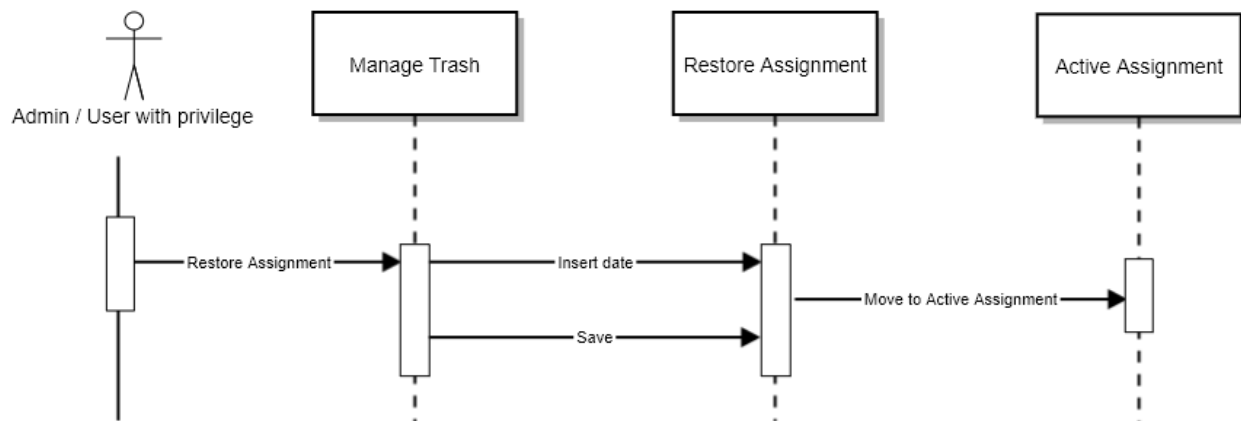
5.11 Restore Assignment

5.11.1 Flowchart



Flowchart: Restore Assignment

5.11.2 Sequence Diagram



Sequence Diagram: Restore Assignment

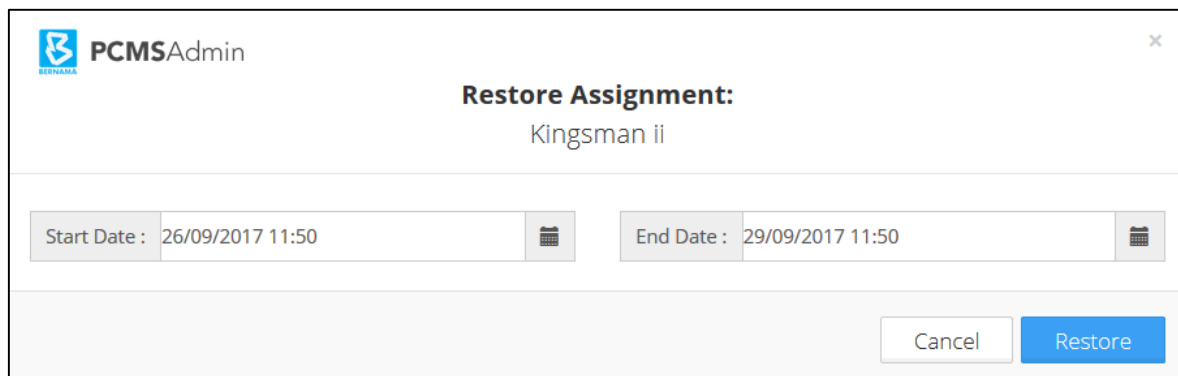
5.11.3 Form Parameter

N/A

5.11.4 Error Message

N/A

5.11.5 Screen Layout

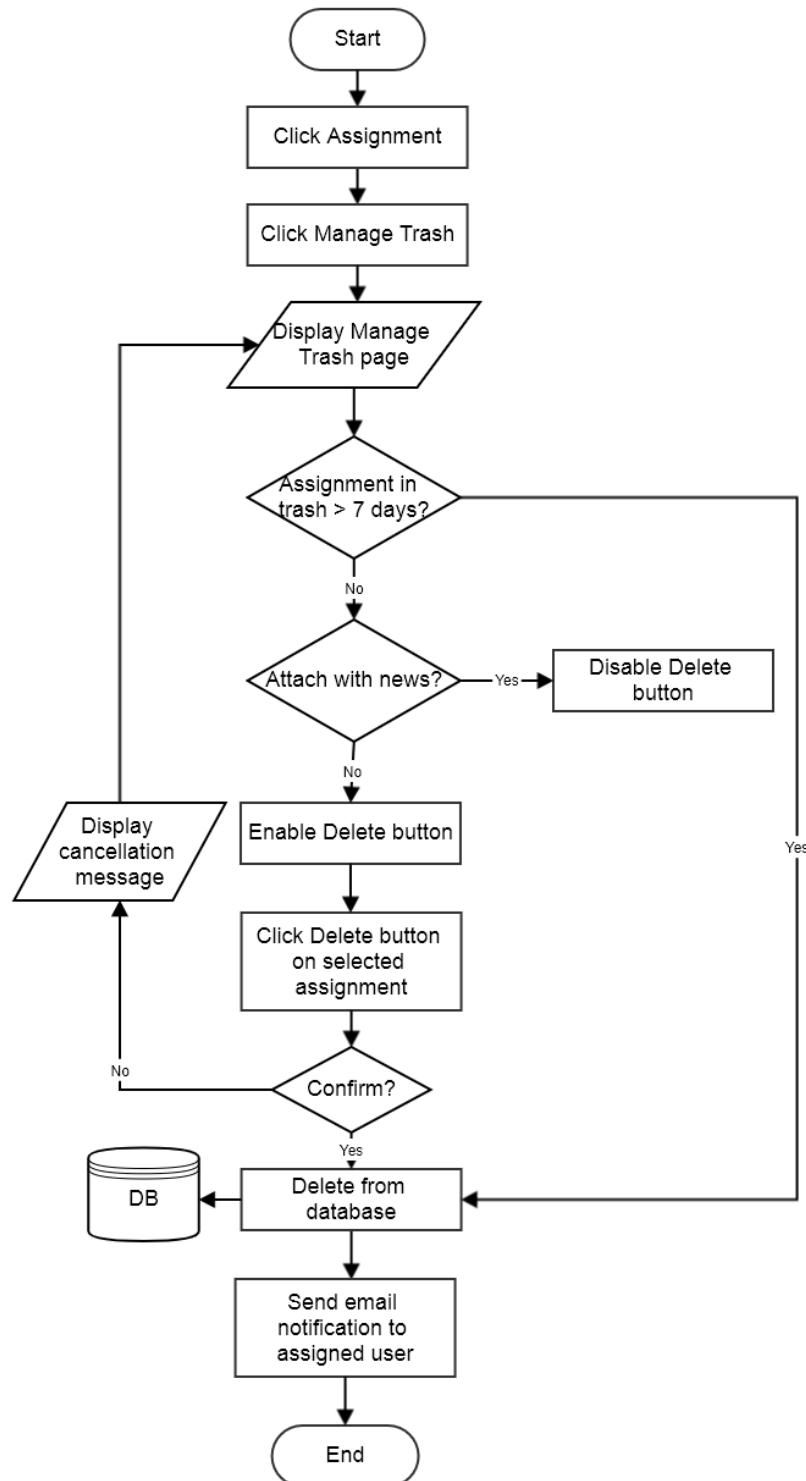


The screenshot shows the 'PCMSAdmin' interface for the 'Restore Assignment' function. The title bar indicates 'Kingsman ii'. Below the title, there are two date and time selection fields: 'Start Date : 26/09/2017 11:50' and 'End Date : 29/09/2017 11:50'. At the bottom right, there are two buttons: 'Cancel' and 'Restore'.

Screen Layout: Restore Assignment

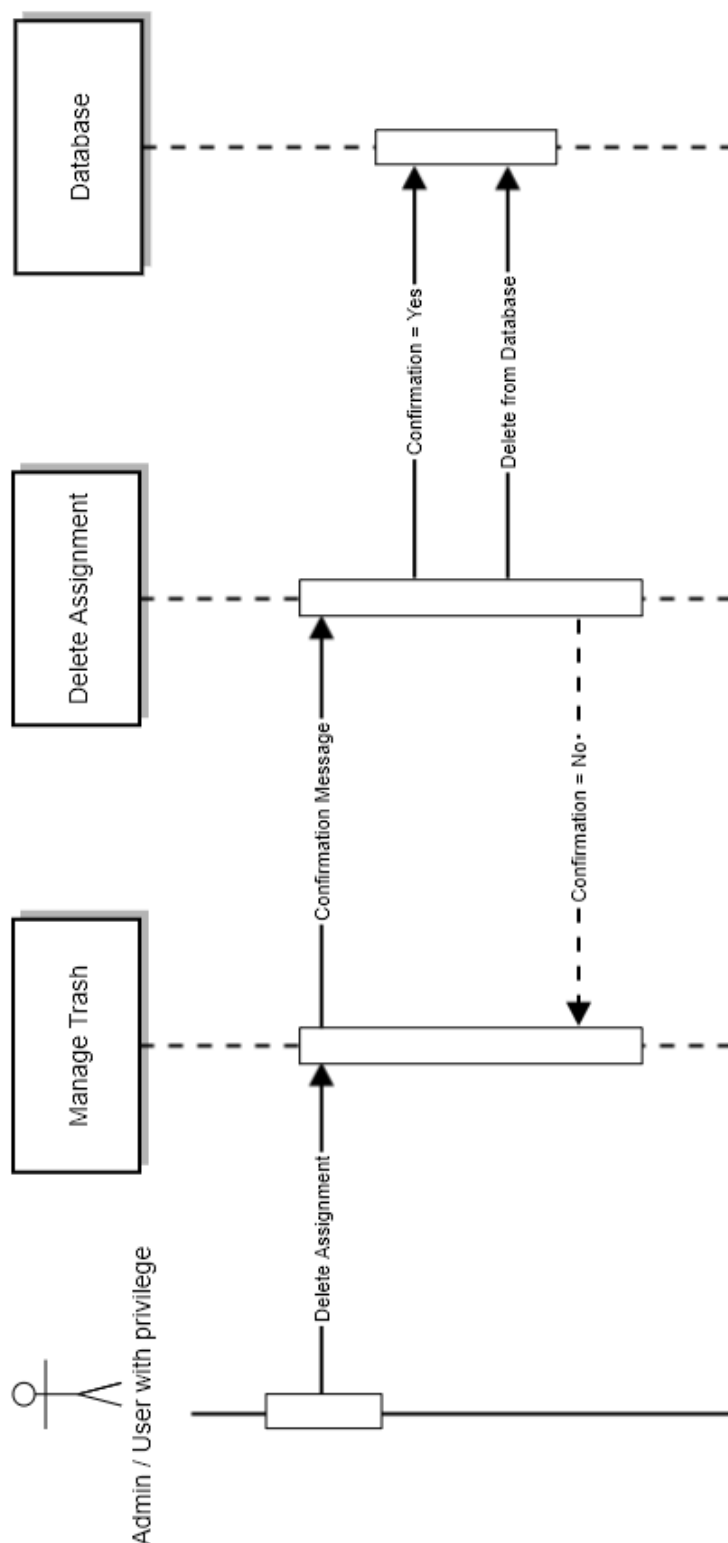
5.12 Permanent Delete Assignment

5.12.1 Flowchart



Flowchart: Permanent Delete Assignment

5.12.2 Sequence Diagram



Sequence Diagram: Permanent Delete Assignment

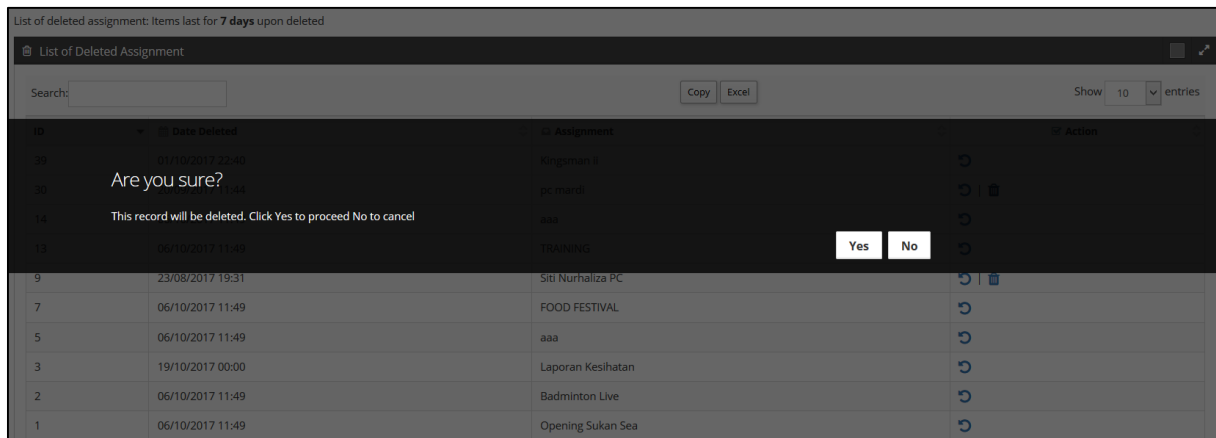
5.12.3 Form Parameter

N/A

5.12.4 Error Message

N/A

5.12.5 Screen Layout



Screen Layout: Permanent Delete Assignment