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Lawyer Desk

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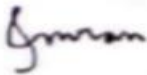
The project report has been submitted in fulfilment of the requirements for the degree of
Bachelor of Science in Software Engineering Department.

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APPROVAL

This project titled on “Lawyer Desk”, submitted by MD. Mahmudul Hassan (ID-172-35-2107) to the Department of Software Engineering, Daffodil International University has been accepted as satisfactory for the partial fulfillment of the requirements for the degree of Bachelor of Science in Software Engineering and approval as to its style and contents.

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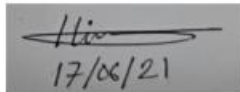
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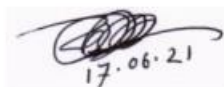
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ACKNOWLEDGEMENT

First of all, I am grateful to The Almighty Allah for making me eligible to complete this work. After that I would like to thank my supervisor Dr. Md. Mostafijur Rahman, Associate Professor, Department of Software Engineering, Daffodil International University. I am extremely thankful for his skill, sincere and valuable guidance and encouragement extended towards me. I would like to express my heartiest thanks to Dr. Imran Mahmud, Associate Professor and Head In-Charge of Software Engineering Department for his continuous encouragement. I would also like to thank all the faculty members of the Department of Software Engineering Department for their assistance and encouragement. Last but not the least, I would like to thank my parents for their unconditional love and support and care.

DECLARATION

I, hereby, declare that this project “**Lawyer Desk**” has done by me under the supervision of **Dr. Md. Mostafijur Rahman**, Associate Professor, Department of Software Engineering, Daffodil International University. I also declare that neither this project nor any part of this project has been submitted elsewhere for award of any degree or diploma.

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ABSTRACT

Today, almost every industry has leveraged technology to streamline its operations. The simple reason being this is a modern and digital world in which sustaining is challenging without the adoption of technology.

With that in mind a system is being created for lawyers. A system through which a lawyer can easily store all the information related to his case in a specific place and at the same time he can monitor all his clients. Through this system, a victim can easily hire any lawyer as his own lawyer. He will even be able to pay the lawyer's fees through the system. For the protection of this system, the admin will not be able to monitor any information related to a lawyer's case at any time and will only be able to view the professional information of the lawyer.

Using this system will save a lawyer a lot of time and will also give him more security of all his information. On the other hand a victim will be able to appoint his lawyer in a short period of time and inspect all the information about his case at any time.

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CHAPTER 1: INTRODUCTION

1.1 OVERVIEW

Lawyer Desk System is a web-based application, which will help lawyer and Victim user. A system through which a lawyer can easily store all the information related to his case in a specific place and at the same time he can monitor all his clients. Through this system, a victim can easily hire any lawyer as his own lawyer. For the protection of this system, the admin will not be able to monitor any information related to a lawyer's case at any time and will only be able to view the professional information of the lawyer.

1.2 PURPOSE

The “Lawyer Desk” system will help the lawyer to store his case information and his case time other side victim user can hire a lawyer to use this system. So, the main purposes of this system could be:

- Saves time and energy.
- Lawyer and User can use this system anywhere.
- Lawyer and User can work smartly.
- Analog to Digitalize

1.3 BACKGROUND

Our society is a modern society. Technology is being used at all levels of this society today. No one is lagging behind today. The system is designed in such a way that a lawyer can easily use this technology to use all the information related to his case to his advantage. Using this system, a lawyer can input all the information of his case and use it when he needs to use it. By using this system, a lawyer will get a lot more motivation to do his job. On the other hand, he will be able to keep all his information secure and maintain good relations with his clients.

1.4 OBJECTIVES

The main purpose of using this system is to make the work of a lawyer easy and secure. Through this system, a lawyer can file all his information one by one. Even if a lawyer is away from his client, he can use this system to help his client. A lawyer will be able to reduce the time it takes to write a case diary because of the use of this system and he will be able to use the time he has spent on other tasks. On the other hand, keep all his information secure so that no one can see his information. He can use his information only when he needs it.

1.5 STAKEHOLDER

Our project stakeholders are following people.

1. Admin
2. Lawyer

3. End user

1.6 PROPOSED SYSTEM

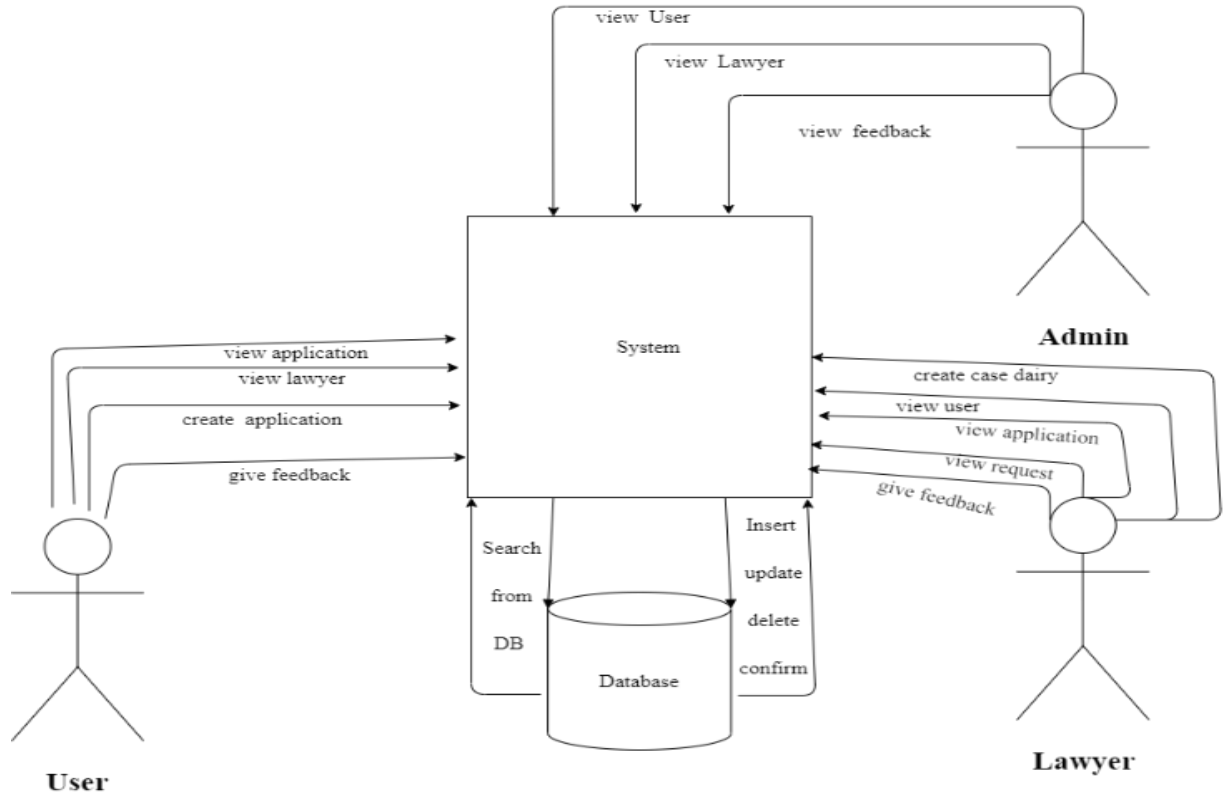


Figure 1.1: Proposed system

1.7 PROJECT PLAN

Table 1.1 Project Plan

Task name	Resource name	Start	Finish	Duration(days)
Planning	PM, BA	2-2-21	11-2-21	10
Requirement	RE,RA	12-2-21	23-2-21	12
System design	UI design	24-2-21	13-3-21	18
Database design	DB design	13-3-21	28-3-21	15
Development	Develop	29-3-21	12-5-21	45
Testing	Test	13-5-21	19-5-21	5
Implementation	Implementation	20-5-21	25-6-21	5
Delivery	PM, implementation	26-6-21	27-6-21	1

1.8 MILESTONES

Table 2.2: Project Milestones

Task no	Task name	Duration
01	Planning	10
02	Requirement gathering and analysis	12
03	System design	18
04	Database design	15
05	Development	45
06	Testing	5
07	Implementation	5
08	Relies	1
		111

CHAPTER 2: SOFTWARE REQUIREMENT SPECIFICATION

2.1 Functional Requirements

Functionality requirements refers to the functions included in the system to understand the functionality requirements application. If an application is created, then of course functional requirements are required. Here I am going to discuss the functional requirements of the “Lawyer Desk”.

2.1.1 Registration

FR-01	Registration
Descriptions	Lawyer and User register their information for authentication
Stakeholders	Lawyer& User
Priority	High

Table 2. 1: Registration

2.1.2 Login

FR-02	Login
Descriptions	Admin, Lawyer and User logged in when they access the system.
Stakeholders	Admin, Lawyer & User
Priority	High

Table 2. 2: Login

2.1.3 Manage Database

FR-03	Manage Database
Descriptions	Admin manage database with create, view, update, delete. Admin can always monitor database.

Stakeholders	Admin.
Priority	High

Table 2. 3: Manage Database

2.1.4 Lawyer's Request

FR-04	Lawyer's Request
Descriptions	New Lawyers who have been registered into the system will get the access after admin's approval
Stakeholders	Admin.
Priority	High

Table 2. 4: Lawyer's Request

2.1.5 View Users & Lawyer

FR-05	View Users & Lawyer
Descriptions	Registered users will be displayed to the admin with their details
Stakeholders	Admin.
Priority	High

Table 2. 5: View Users & Lawyer

2.1.6 Delete User's & Lawyer's

FR-06	Delete User's & Lawyer's
Descriptions	Admin can delete a user and lawyer if required.

Stakeholders	Admin.
Priority	High

Table 2. 6: Delete User's & Lawyer's

2.1.7 View Feedback

FR-07	View Feedback
Descriptions	Can view all the feedback's received from the registered users & lawyer's.
Stakeholders	Admin.
Priority	High

Table 2. 7: View Feedback

2.1.8 Add a Case

FR-08	Add a Case
Descriptions	A user can add a case by providing the type, topic, description, Image (If any), etc.
Stakeholders	Lawyer.
Priority	High

Table 2. 8: Add a Case

2.1.9 View Cases

FR-9	View Cases
Descriptions	Lawyers can have a look on the cases posted by users, and they can have the case details and view any image if added.
Stakeholders	Lawyer.

Priority	High
-----------------	------

Table 2. 9: View Cases

2.1.10 Delete Cases

FR-10	Delete Cases
Descriptions	Lawyer can delete a user case if required.
Stakeholders	Lawyer.
Priority	High

Table 2. 10: Delete Cases

2.1.11 Edit Cases

FR-11	Edit Cases
Descriptions	Lawyer can edit a user case if required.
Stakeholders	Lawyer.
Priority	High

Table 2. 11: Edit Cases

2.1.12 User Request

FR-12	User Request
Descriptions	This section will have all the cases accepted by lawyer, which was requested by the user and then only the lawyer's details will be shown to the user
Stakeholders	Lawyer.
Priority	High

Table 2. 12: User Request

2.1.13 Deposit detail

FR-13	Deposit detail
Descriptions	The lawyer can see his deposit fees details.
Stakeholders	Lawyer.
Priority	High

Table 2. 13: Deposit detail

2.1.14 Send Feedback

FR-14	Send Feedback
Descriptions	if a lawyer is facing any issue, he/she can send a feedback to admin
Stakeholders	Lawyer & User
Priority	High

Table 2. 14: Send Feedback

2.1.15 Request a Lawyer

FR-15	Request a Lawyer
Descriptions	A user can search for a lawyer and send a request to lawyer to fight their case
Stakeholders	User.
Priority	High

Table 2. 15: Request a Lawyer

2.1.16 View Request

FR-16	View Request
Descriptions	User can view request from lawyer who wanted to fight user's case.
Stakeholders	User.
Priority	High

Table 2. 16: View Request

2.1.17 Edit Request

FR-17	Edit Request
Descriptions	User can edit request from lawyer who wanted to fight user's case.
Stakeholders	User.
Priority	High

Table 2. 17: Edit Request

2.2 Non-Functional Requirements

2.2.1 Page change within one sec

FR-1	Page change within one sec
Descriptions	Each page will respond within one second.
Stakeholders	Admin, lawyer & User.

Table 2. 18: Page change within one sec

2.2.2 Always update the system

FR-2	Always update the system
Descriptions	Admin update the system and notify the users and lawyer through email.
Stakeholders	Admin

Table 2. 19: Always update the system

2.2.3 Security

FR-3	Security
Descriptions	System will be available to users in both offline and online with condition.
Stakeholders	Admin, lawyer & User.

Table 2. 20: Security

2.2.4 Bug recover

FR-4	Bug recover
Descriptions	If any kind of bugs found then it will be fixed soon.
Stakeholders	Admin

Table 2. 21: Bug recover

2.2.5 Update information will be shown

FR-5	Update information will be shown
Descriptions	Update information will be shown on the home page or landing page to any user.
Stakeholders	Admin, lawyer & User.

Table 2. 22: Update information will be shown

2.3 Security Requirements

- SR-01: Log In as a Lawyer .
- SR-02: Log In as a Victim user .

2.3.1 Access Requirements

This system provides access to-

- Different modules
- To the authenticated user

2.3.2 Integrity Requirements

To prevent credential information from stolen, all passwords are stored in encrypted form. The requirements significantly reduces the value of stolen credentials, it's not easy to decrypt the password.

2.4 Usability and Human Integrity Requirement

The system is easy to use for all the end users.

2.5 Data Validation

In this stage all data are tested for validation.

2.6 User Interface Design

It is important to consult the system user about the necessities for user interface design.

CHAPTER 3: REQUIREMENT ANALYSIS

3.1 USE CASE DIAGRAM

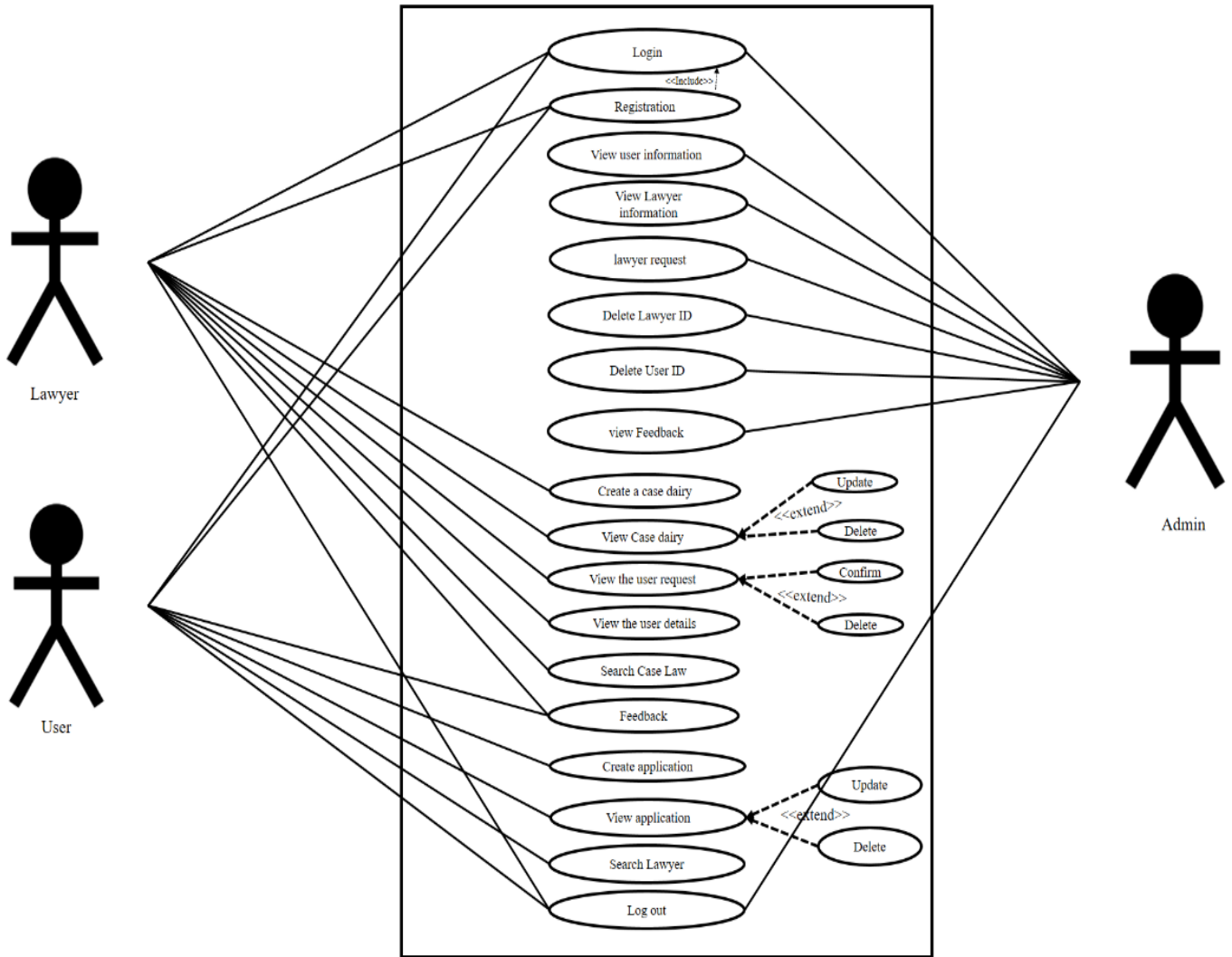


Figure 3. 1: Update information will be shown

3.2 USE CASE DESCRIPTION

3.2.1 Registration

Use case title	Registration
-----------------------	--------------

Goal	Insert Lawyer and User information into database
Precondition	A valid username, email ,password and other information
Success and End Condition	Registration successful
Failed End Condition	Cannot store data in database
Primary actors	Lawyer, User
Secondary actors	System
Triggers	Registration
Description	Lawyer or User should enter valid username, email, password and information in the registration field
Alternative flows	N/A
Quality requirements	N/A

Table 3. 1: Registration

3.2.2 Login

Use case title	Login
Goal	Log in successful
Precondition	Lawyer and user have to enter a valid email and password
Success and End Condition	Log in successfully
Failed End Condition	Log in failed
Primary actors	Lawyer, User, Admin
Secondary actors	
Triggers	Manage application
Description	Lawyer or User or admin have to enter a valid email and password to enter to their system
Alternative flows	N/A
Quality requirements	N/A

Table 3. 2: Login

3.2.3 View user information

Use case title	View user information
Goal	Successful view to user information
Precondition	Only admin can enter this feature
Success and End Condition	All user information view successfully
Failed End Condition	Empty database
Primary actors	Admin
Secondary actors	
Triggers	View user information
Description	Admin can see user information
Alternative flows	N/A
Quality requirements	N/A

Table 3. 3: View user information

3.2.4 View Lawyer information

Use case title	View Lawyer information
Goal	Successful view to lawyer information
Precondition	Only admin can enter this feature
Success and End Condition	All lawyer information view successfully
Failed End Condition	Empty database
Primary actors	Admin
Secondary actors	
Triggers	View lawyer information
Description	Admin can see Lawyer information
Alternative flows	N/A
Quality requirements	N/A

Table 3. 4: View Lawyer information

3.2.5 lawyer request list

Use case title	lawyer request list
Goal	Successful view lawyer request list
Precondition	Only admin can enter this feature
Success and End Condition	All lawyer request list view successfully
Failed End Condition	Empty database
Primary actors	Admin
Secondary actors	
Triggers	View lawyer request list
Description	Admin can see Lawyer request list
Alternative flows	N/A
Quality requirements	N/A

Table 3. 5: lawyer request list

3.2.6 Delete Lawyer ID

Use case title	Delete Lawyer ID
Goal	Successful delete lawyer ID
Precondition	Only admin can enter this feature
Success and End Condition	lawyer ID delete successfully
Failed End Condition	Deletion failed
Primary actors	Admin
Secondary actors	
Triggers	Delete Lawyer ID
Description	Admin can delete Lawyer ID
Alternative flows	N/A
Quality requirements	N/A

Table 3. 6: Delete Lawyer ID

3.2.7 Delete User ID

Use case title	Delete User ID
-----------------------	----------------

Goal	Successful delete User ID
Precondition	Only admin can enter this feature
Success and End Condition	User ID delete successfully
Failed End Condition	Deletion failed
Primary actors	Admin
Secondary actors	
Triggers	Delete User ID
Description	Admin can delete User ID
Alternative flows	N/A
Quality requirements	N/A

Table 3. 7: Delete User ID

3.2.8 View Feedback

Use case title	View Feedback
Goal	Successful view feedback
Precondition	Only admin can enter this feature
Success and End Condition	All feedback view successfully
Failed End Condition	Empty database
Primary actors	Admin
Secondary actors	
Triggers	View feedback
Description	Admin can view all the feedback
Alternative flows	N/A
Quality requirements	N/A

Table 3. 8: View Feedback

3.2.9 Create a case dairy

Use case title	Create a case dairy
Goal	Successful store all the information to a case dairy

Precondition	Only lawyer can enter this feature
Success and End Condition	Create a case dairy successfully
Failed End Condition	Failed to store
Primary actors	Lawyer
Secondary actors	
Triggers	Create a case dairy
Description	Lawyer can input valid information for his case and store database.
Alternative flows	N/A
Quality requirements	N/A

Table 3. 9: Create a case dairy

3.2.10 View Case dairy

Use case title	View Case dairy
Goal	Successful view Case dairy
Precondition	Only lawyer can enter this feature
Success and End Condition	All Case dairy view successfully
Failed End Condition	Failed to view case dairy
Primary actors	Lawyer
Secondary actors	
Triggers	View Case dairy
Description	Lawyer can view all case details in this case dairy.
Alternative flows	N/A
Quality requirements	N/A

Table 3. 10: View Case dairy

3.2.11 Case dairy update

Use case title	Case dairy update
Goal	Case dairy update Successful
Precondition	Only lawyer can enter this feature

Success and End Condition	Case dairy update successfully
Failed End Condition	Failed to update case dairy
Primary actors	Lawyer
Secondary actors	
Triggers	Update Case dairy
Description	Lawyer can update case details in this case dairy.
Alternative flows	N/A
Quality requirements	N/A

Table 3. 11: Case dairy update

3.2.12 Case dairy delete

Use case title	Case dairy delete
Goal	Case dairy delete Successful
Precondition	Only lawyer can enter this feature
Success and End Condition	Case dairy delete successfully
Failed End Condition	Failed to delete case dairy
Primary actors	Lawyer
Secondary actors	
Triggers	Delete Case dairy
Description	Lawyer can delete case details in his case list.
Alternative flows	N/A
Quality requirements	N/A

Table 3. 12: Case dairy delete

3.2.13 View the user request

Use case title	View the user request
Goal	View all user request Successful
Precondition	Only lawyer can enter this feature
Success and End Condition	User request list view successfully

Failed End Condition	Failed to view user request
Primary actors	Lawyer
Secondary actors	
Triggers	View all user request
Description	Lawyer can see user request list.
Alternative flows	N/A
Quality requirements	N/A

Table 3. 13: View the user request

3.2.14 User request confirm

Use case title	User request confirm
Goal	View confirm user request Successful
Precondition	Only lawyer can enter this feature
Success and End Condition	User request confirm successfully
Failed End Condition	Failed to confirm user request
Primary actors	Lawyer
Secondary actors	
Triggers	Confirm user request
Description	Lawyer can confirm user request.
Alternative flows	N/A
Quality requirements	N/A

Table 3. 14: User request confirm

3.2.15 User request Delete

Use case title	User request Delete
Goal	User request Delete Successful
Precondition	Only lawyer can enter this feature
Success and End Condition	User request delete successfully
Failed End Condition	Failed to delete user request

Primary actors	Lawyer
Secondary actors	
Triggers	Delete user request
Description	Lawyer can delete user request.
Alternative flows	N/A
Quality requirements	N/A

Table 3. 15: User request Delete

3.2.16 View the user details

Use case title	View the user details
Goal	View the user details Successful
Precondition	Only lawyer can enter this feature
Success and End Condition	User request delete successfully
Failed End Condition	Failed to view user details
Primary actors	Lawyer
Secondary actors	
Triggers	View the user details
Description	Lawyer can view user details for his user.
Alternative flows	N/A
Quality requirements	N/A

Table 3. 16: View the user details

3.2.17 Search Case Law

Use case title	Search Case Law
Goal	View Search Case Law Successful
Precondition	Only lawyer can enter this feature
Success and End Condition	Search successfully
Failed End Condition	Failed to Search
Primary actors	Lawyer

Secondary actors	
Triggers	Search law
Description	Lawyer can view case for the search.
Alternative flows	N/A
Quality requirements	N/A

Table 3. 17: Search Case Law

3.2.18 Feedback

Use case title	Feedback
Goal	Give Feedback Successful
Precondition	Lawyer and user can enter this feature
Success and End Condition	Give feedback successfully
Failed End Condition	Failed to give feedback
Primary actors	Lawyer, User
Secondary actors	
Triggers	Give feedback
Description	Lawyer and user can give feedback
Alternative flows	N/A
Quality requirements	N/A

Table 3. 18: Feedback

3.2.19 Create application

Use case title	Create application
Goal	Create application Successful
Precondition	Only User can enter this feature
Success and End Condition	Create application successfully
Failed End Condition	Failed to Create application
Primary actors	User
Secondary actors	

Triggers	Create application
Description	User can Create application.
Alternative flows	N/A
Quality requirements	N/A

Table 3. 19: Create application

3.2.20 Application Update

Use case title	Application Update
Goal	Application Update Successful
Precondition	Only User can enter this feature
Success and End Condition	Update application successfully
Failed End Condition	Failed to update application
Primary actors	User
Secondary actors	
Triggers	Application Update
Description	User can update application.
Alternative flows	N/A
Quality requirements	N/A

Table 3. 20: Application Update

3.2.21 Application delete

Use case title	Application delete
Goal	Application delete Successful
Precondition	Only User can enter this feature
Success and End Condition	delete application successfully
Failed End Condition	Failed to delete application
Primary actors	User
Secondary actors	
Triggers	Application delete

Description	User can delete application.
Alternative flows	N/A
Quality requirements	N/A

Table 3. 21: Application delete

3.2.22 View application

Use case title	View application
Goal	View application Successful
Precondition	Only User can enter this feature
Success and End Condition	View application successfully
Failed End Condition	Failed to view application
Primary actors	User
Secondary actors	
Triggers	Application view
Description	User can view application.
Alternative flows	N/A
Quality requirements	N/A

Table 3. 22: View application

3.2.23 Search Lawyer

Use case title	Search Lawyer
Goal	Search Lawyer Successful
Precondition	Only User can enter this feature
Success and End Condition	View application successfully
Failed End Condition	Failed to Search Lawyer
Primary actors	User
Secondary actors	
Triggers	Search Lawyer
Description	User can Search Lawyer.

Alternative flows	N/A
Quality requirements	N/A

Table 3. 23: Search Lawyer

3.2.24 Log out

Use case title	Log out
Goal	Exit from the system
Precondition	First registration and log in have to be done
Success and End Condition	Log out successfully
Failed End Condition	Log out Failed
Primary actors	Lawyer, User, admin
Secondary actors	
Triggers	Registration and log in
Description	To log out form the system user or lawyer have to register and log in to the system first.
Alternative flows	N/A
Quality requirements	N/A

Table 3. 24: Log out

3.3 ACTIVITY DIAGRAM

3.3.1 Login

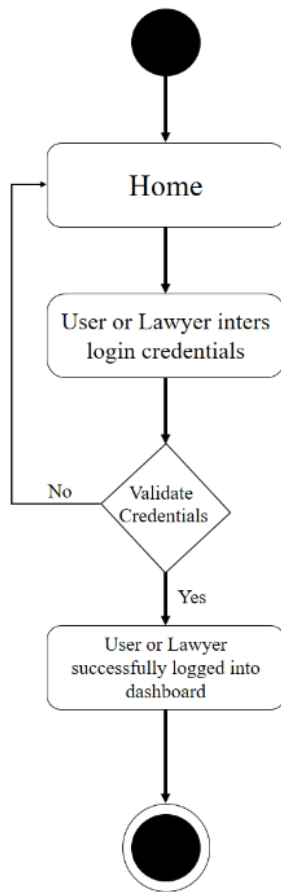


Figure 3. 2: Login

3.3.2 Registration (Lawyer & User)

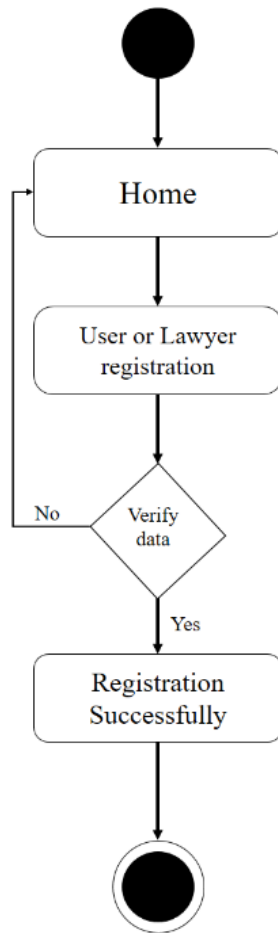


Figure 3. 3: Registration (Lawyer & User)

3.3.3 View user information (Admin)

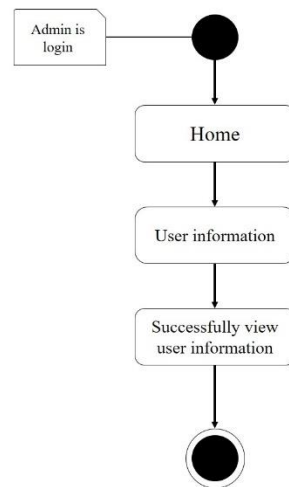


Figure 3. 4: View user information (Admin)

3.3.4 View Lawyer information (Admin)

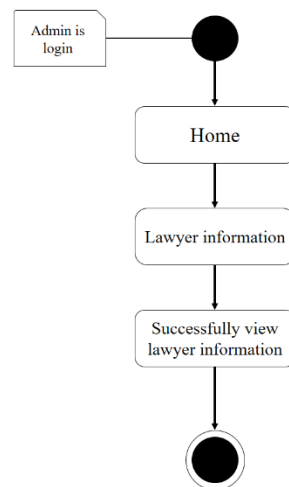


Figure 3. 5: View Lawyer information (Admin)

3.3.5 lawyer request (Admin)

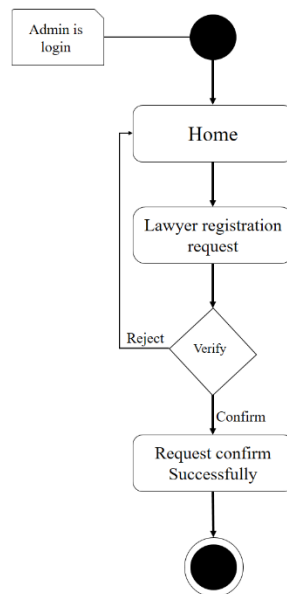


Figure 3. 6: lawyer request (Admin)

3.3.6 Delete Lawyer ID (Admin)

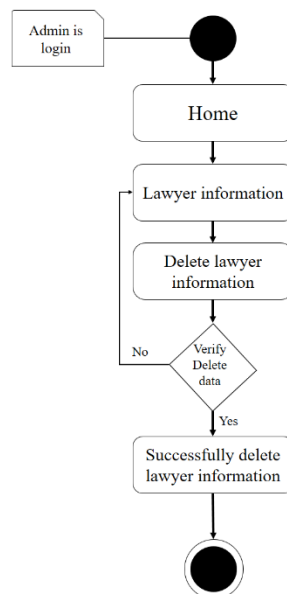


Figure 3. 7: Delete Lawyer ID (Admin)

3.3.7 Delete User ID (Admin)

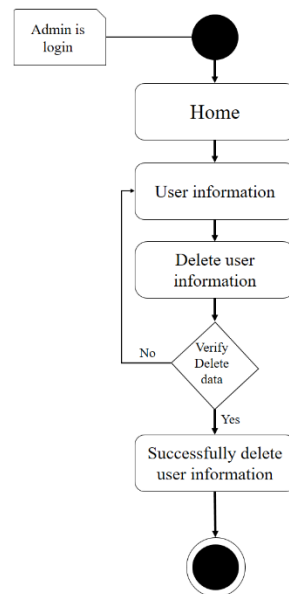


Figure 3. 8: Delete User ID (Admin)

3.3.8 view Feedback (Admin)

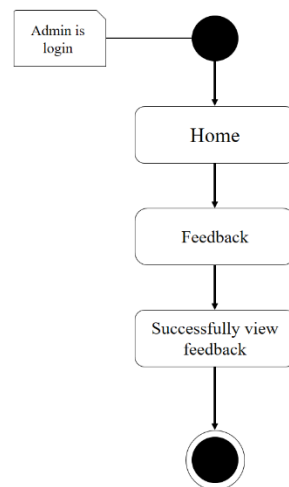


Figure 3. 9: view Feedback (Admin)

3.3.9 Create a case dairy (Lawyer)

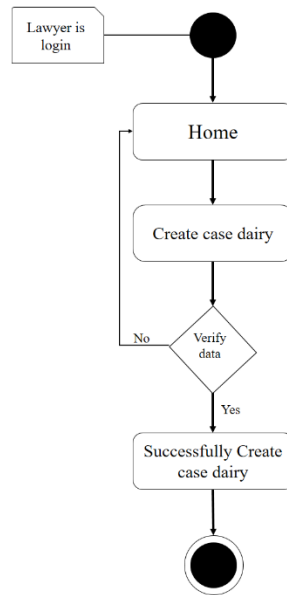


Figure 3. 10: Create a case dairy (Lawyer)

3.3.10 View Case dairy (Lawyer)

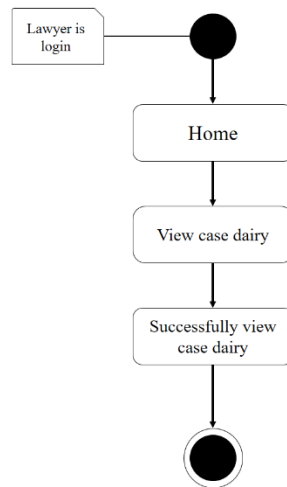


Figure 3. 11: View Case dairy (Lawyer)

3.3.11 Case dairy Edit (Lawyer)

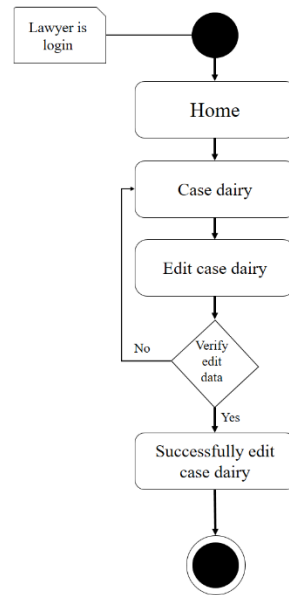


Figure 3. 12: Case dairy Edit (Lawyer)

3.3.12 Case dairy delete (Lawyer)

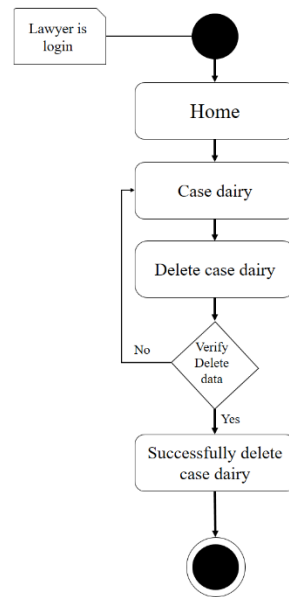


Figure 3. 13: Case dairy delete (Lawyer)

3.3.13 View the user request (Lawyer)

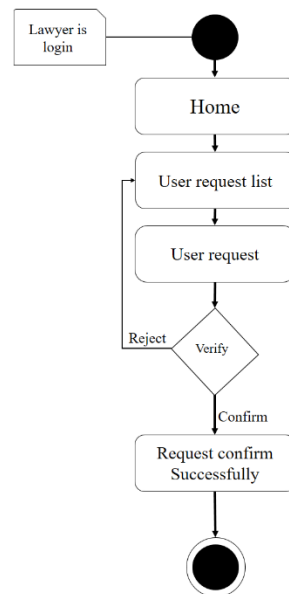


Figure 3. 14: View the user request (Lawyer)

3.3.14 View the user (Lawyer)

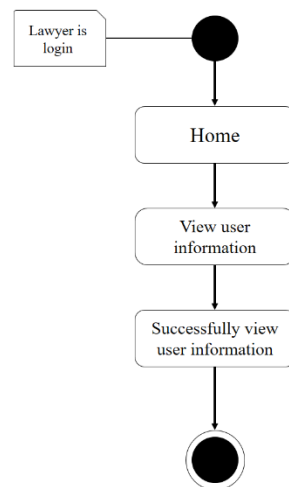


Figure 3. 15: View the user (Lawyer)

3.3.15 Search Case Law (Lawyer)

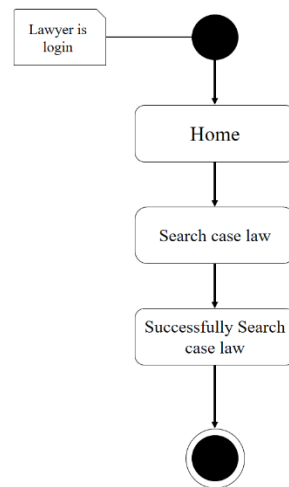


Figure 3. 16: Search Case Law (Lawyer)

3.3.16 Feedback (Lawyer)

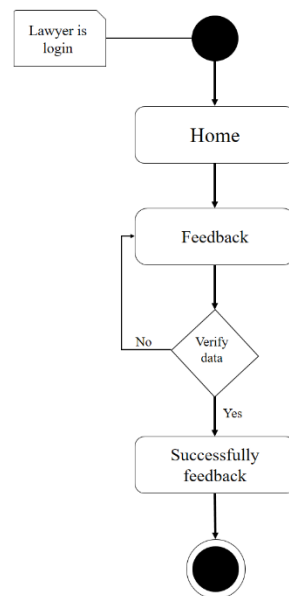


Figure 3. 17: Feedback (Lawyer)

3.3.17 Create application (User)

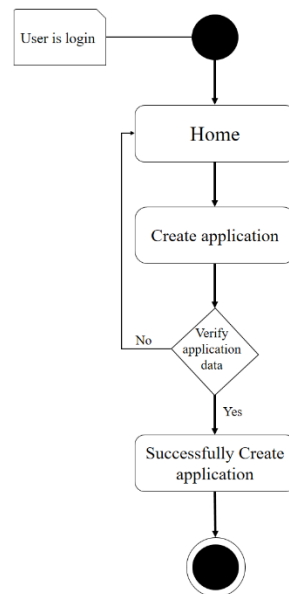


Figure 3. 18: Create application (User)

3.3.18 Application Edit (User)

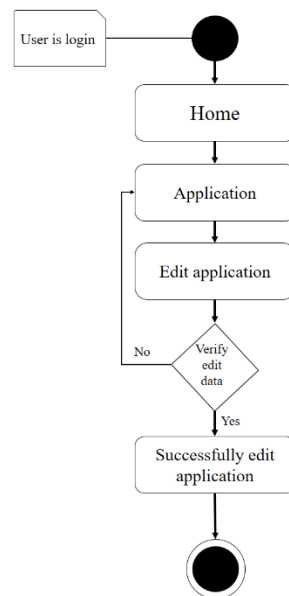


Figure 3. 19: Application Edit (User)

3.3.19 Application delete (User)

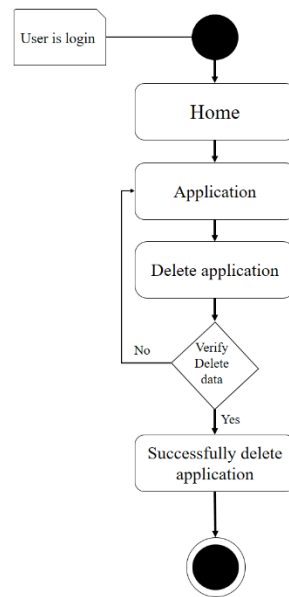


Figure 3. 20: Application delete (User)

3.3.20 View application (User)

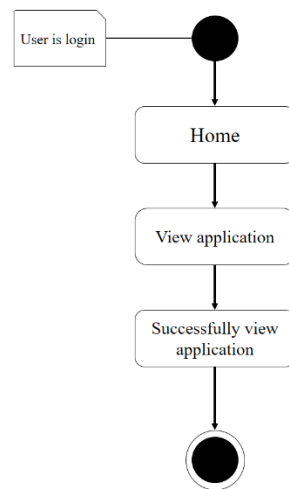


Figure 3. 21: View application (User)

3.3.21 Search Lawyer (User)

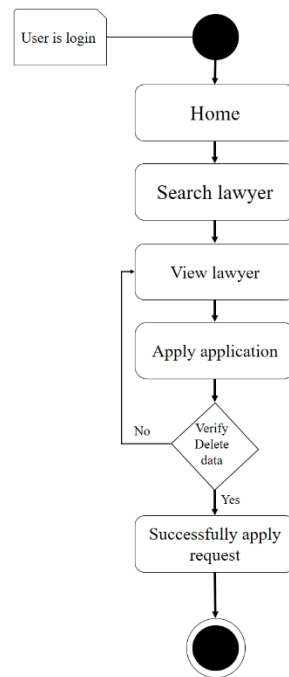


Figure 3. 22: Search Lawyer (User)

3.3.22 Search Lawyer (User)

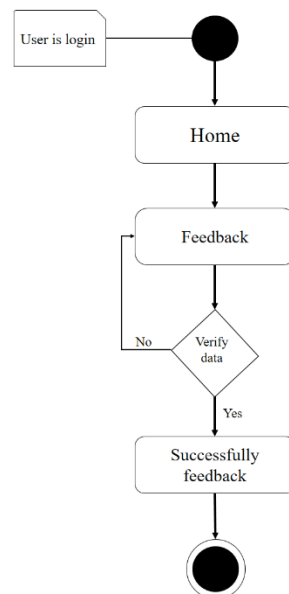


Figure 3. 23: Search Lawyer (User)

3.4 SEQUENCE DIAGRAM

3.4.1 Login

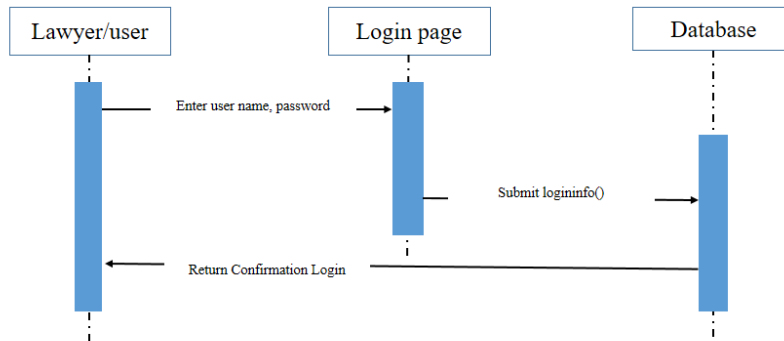


Figure 3. 24: Login

3.4.2 Registration

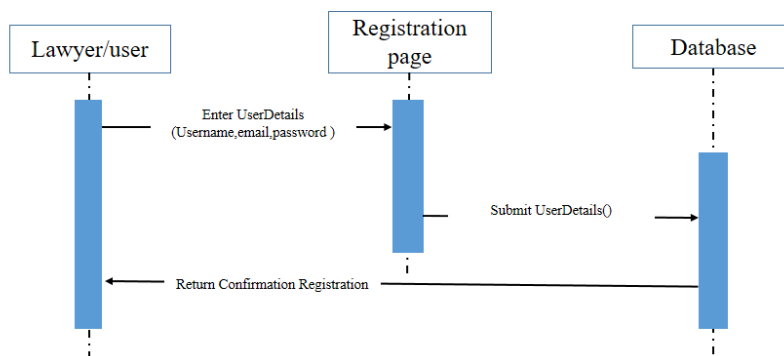


Figure 3. 25: Registration

3.4.3 View lawyer & user information (Admin)

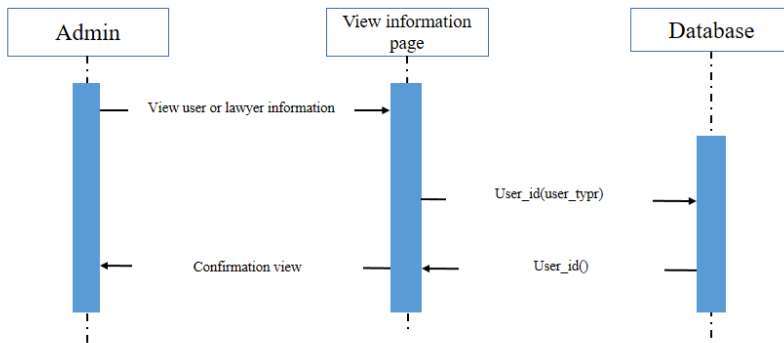


Figure 3. 26: View lawyer & user information (Admin)

3.4.4 lawyer request

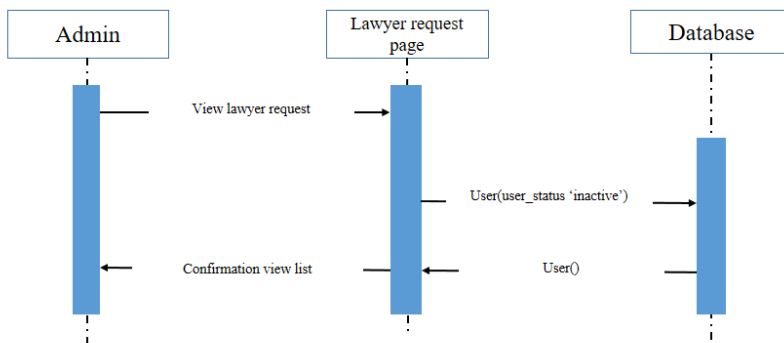


Figure 3. 27: lawyer request

3.4.5 Delete Lawyer & user ID

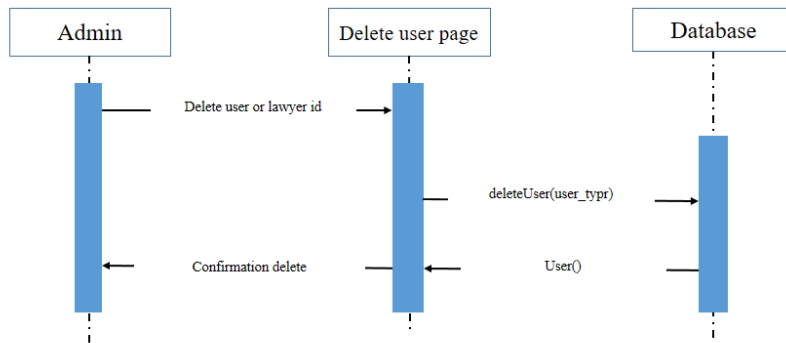


Figure 3. 28: Delete Lawyer & user ID

3.4.6 view Feedback

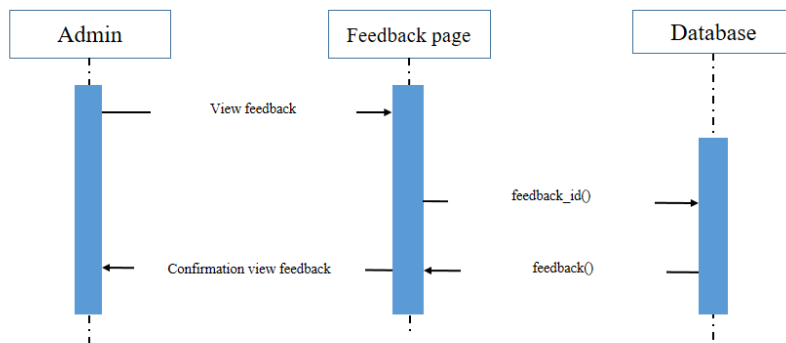


Figure 3. 29: view Feedback

3.4.7 Create a case dairy

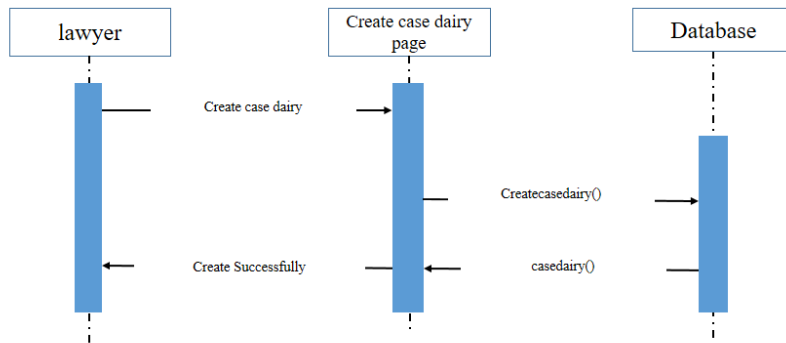


Figure 3. 30: Create a case dairy

3.4.8 View Case dairy

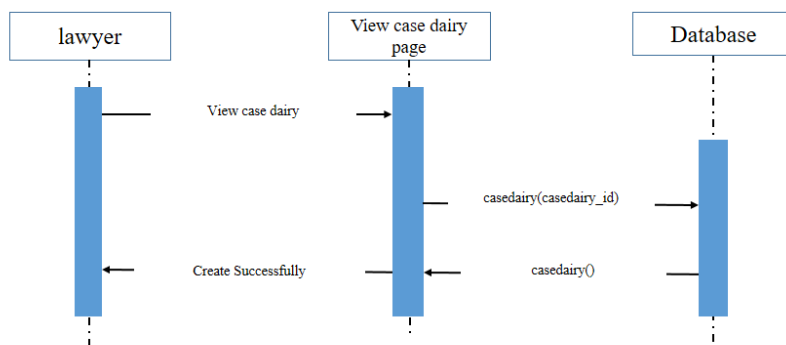


Figure 3. 31: View Case dairy

3.4.9 Case dairy edit

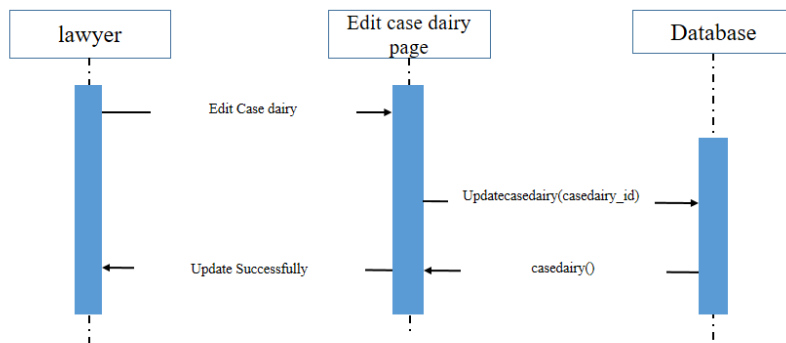


Figure 3. 32: Case dairy edit

3.4.10 Case dairy delete

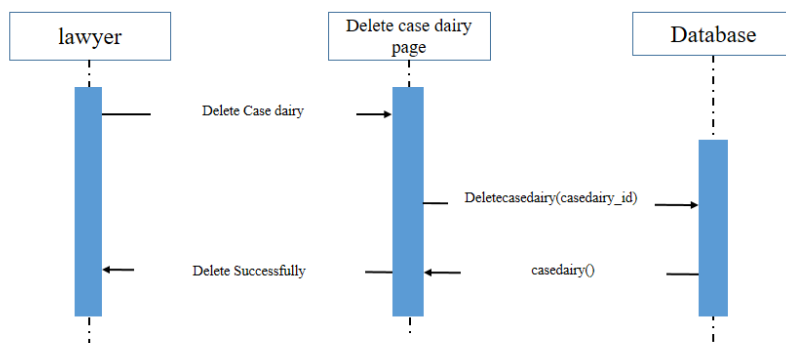


Figure 3. 33: Case dairy delete

3.4.11 View the user request

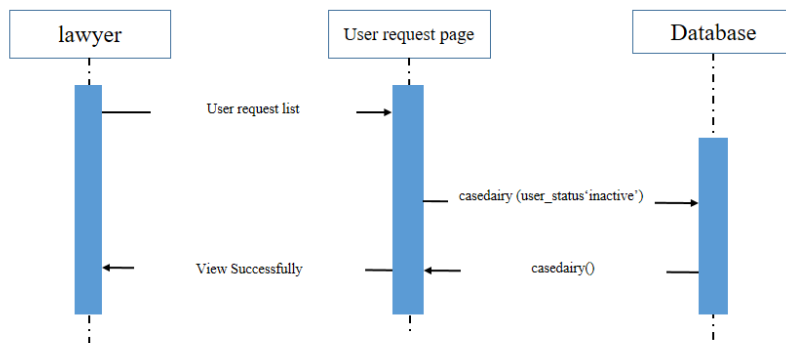


Figure 3. 34: View the user request

3.4.12 View the user

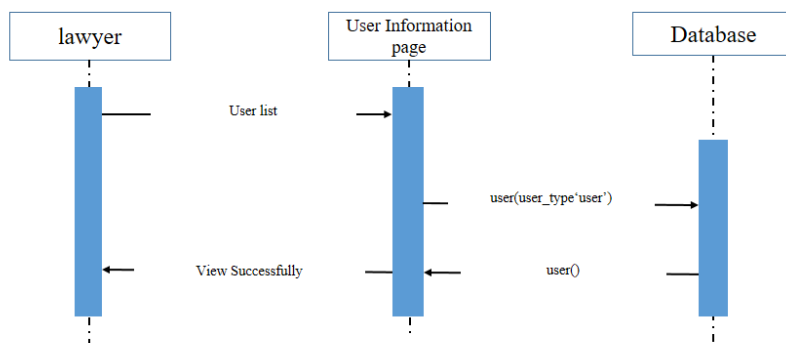


Figure 3. 35: View the user

3.4.13 Feedback

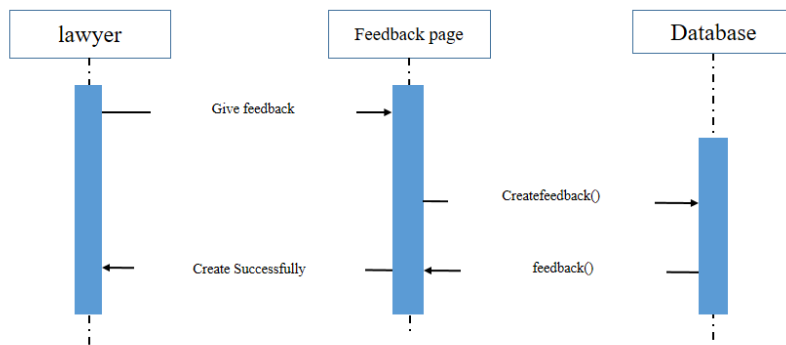


Figure 3. 36: Feedback

3.4.14 Create application

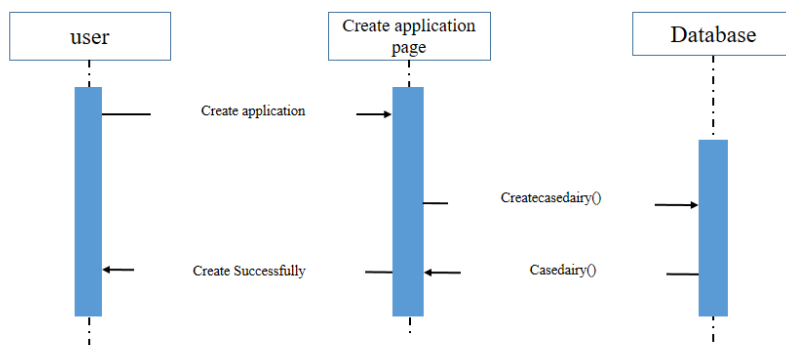


Figure 3. 37: Create application

3.4.15 Application Update

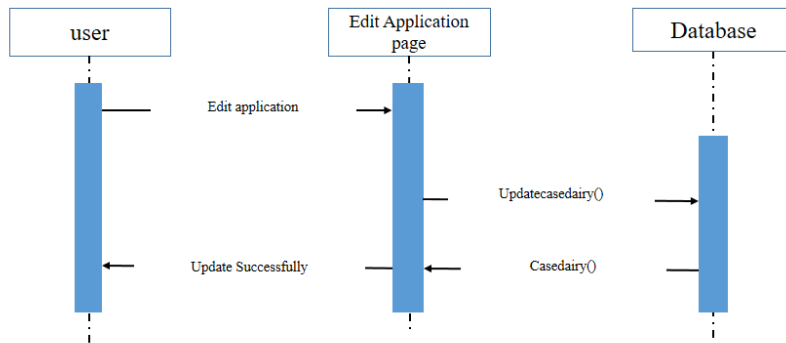


Figure 3. 38: Application Update

3.4.16 Application delete

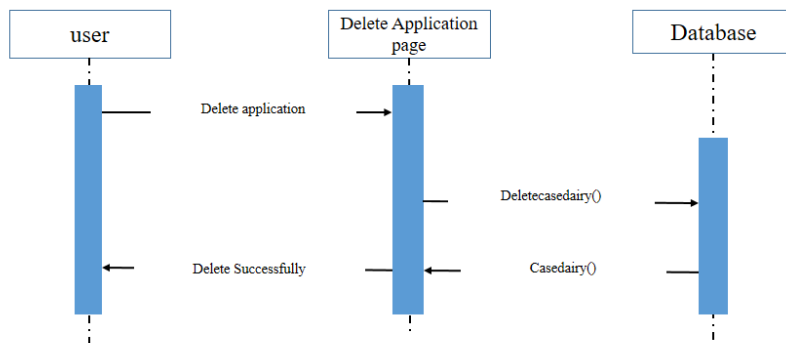


Figure 3. 39: Application delete

3.4.17 View application

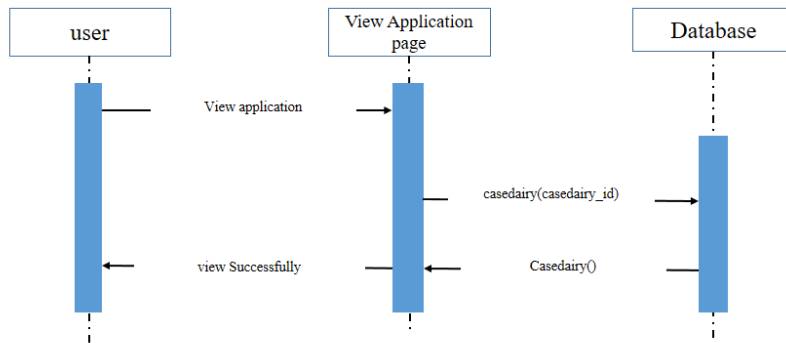


Figure 3. 40: View application

3.4.18 User feedback

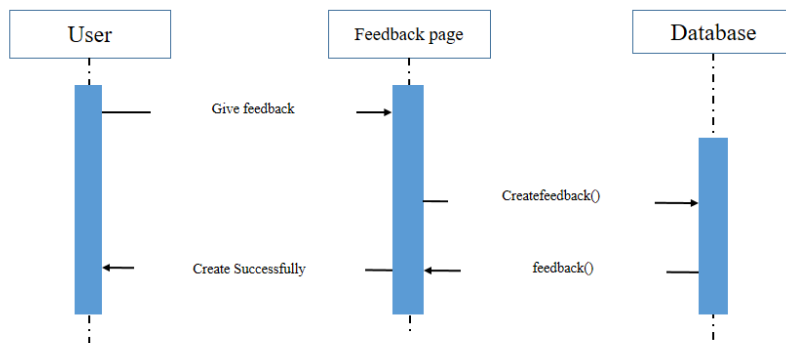


Figure 3. 41: User feedback

3.5 CLASS DIAGRAM

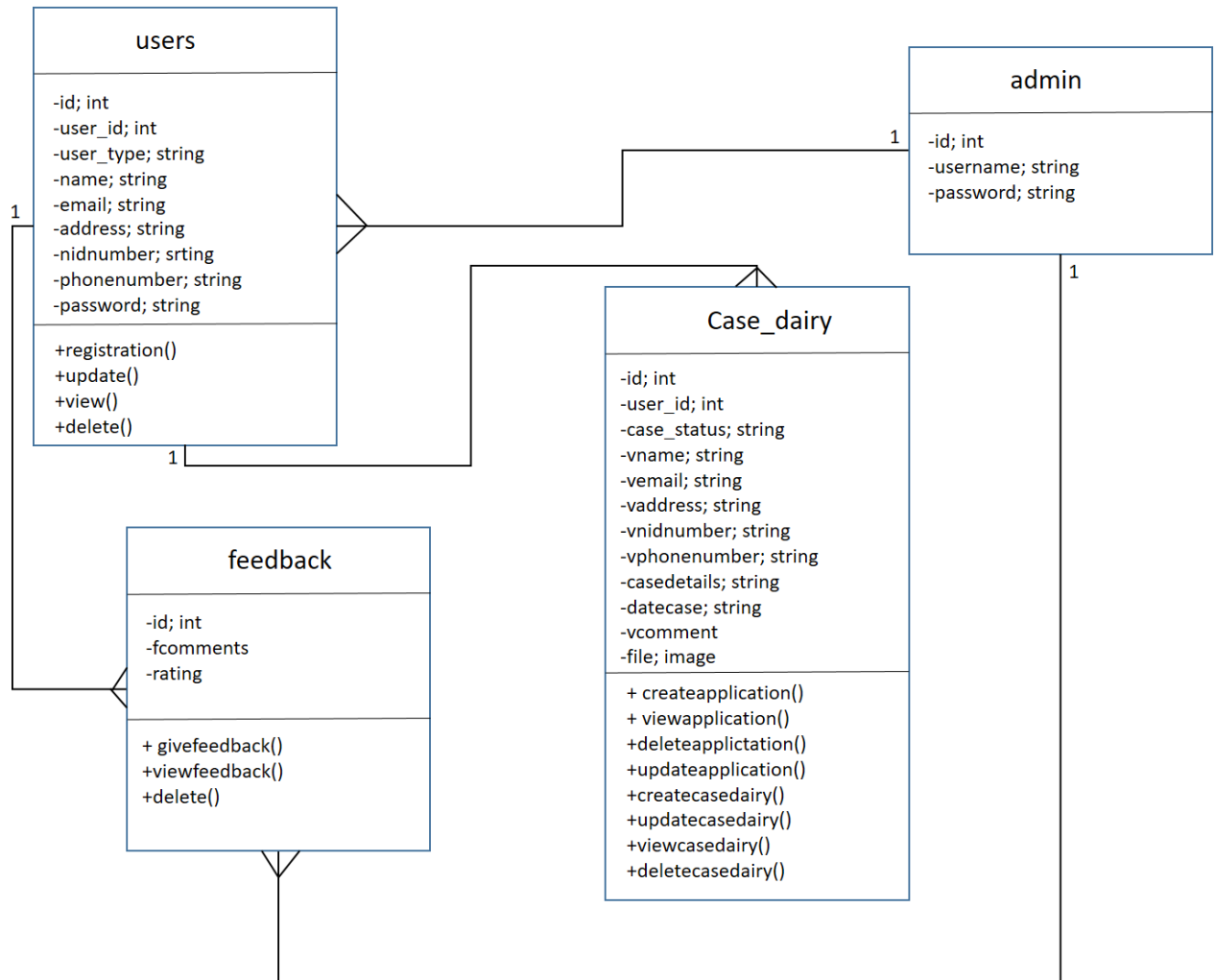


Figure 3. 42: Class diagram

3.6 ENTITY RELATIONSHIP DIAGRAM

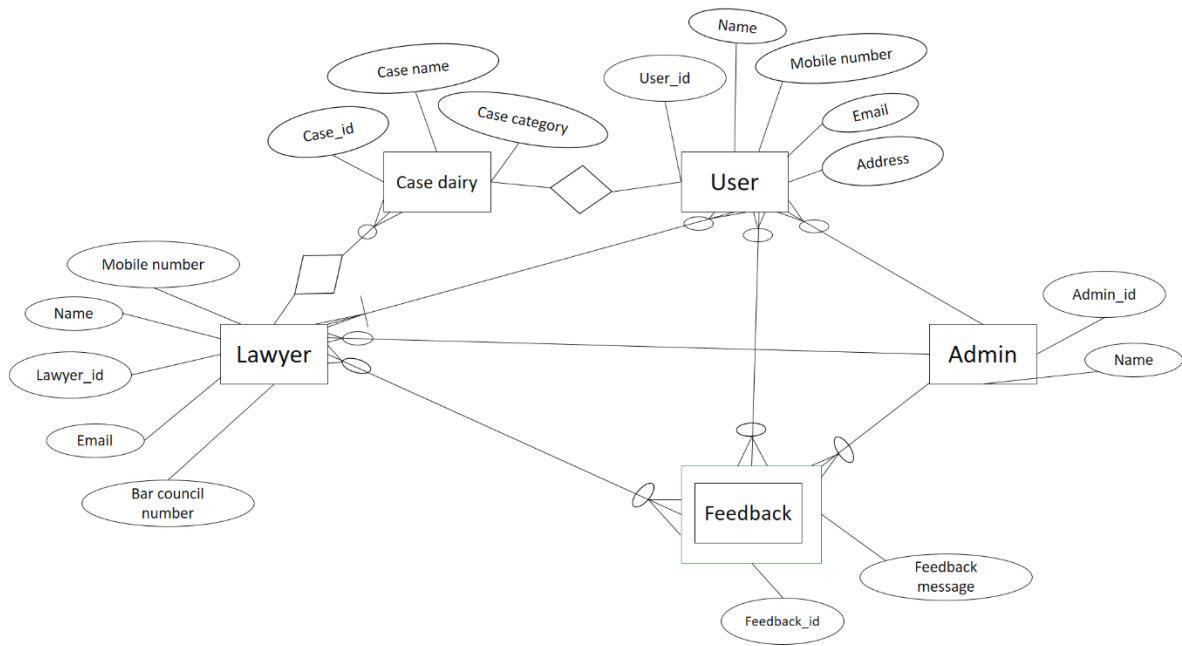


Figure 3. 43: entity relationship diagram

CHAPTER 4: Testing

4.1 Testing Features

4.1.1 Features to be tested

- Registration
- Log in
- Create case dairy
- Feedback

4.1.2 Features not to be tested

This is necessary to identify the featured that need not to be tested because it helps to avoid unnecessary confusions if some part should be tested or not.

4.2 Test case

4.2.1 Test case Module-1 for Registration

Test case ID- TC01	Test design by- Mahmud
Test priority: High	Test design date: 29-05-2021
Module name: Registration	Test execute by: Rana
Description: This section covers the functionality of registering new users.	Test execute date :30-05-2021

Precondition: User has no precondition.

Dependencies: Enter input required information.

Step	Test case	Test data	Expected result	P/F	Actual result
1	Enter empty value for any required filed		Display error message	p	Display error message

2	Enter different email format instead ofxyz@gmail.com	Test@gmail.com mr@gmail.com	Display error message "Invalid Email Address"	p	Display error message "Invalid Email Address"
3	Enter existing email	rana@gmail.com	Display error message "Email already exist"	p	Display error message "Email already exist"
4	New user registration	N/A	Display message "Registration successful"	p	Display message "Registration successful"

Table 4. 1: Test case Module-1 for Registration

4.2.2 Test case Module-2 for login

Test case ID- TC02	Test design by- Mahmud
Test priority: High	Test design date: 29-05-2021
Module name: Login	Test execute by: Rana
Description: This section covers the functionality of registering new users.	Test execute date :30-05-2021

Precondition: User has no precondition.

Dependencies: Enter input required information.

Step	Test case	Test data	Expected result	P/F	Actual result
1	Enter empty value for any username and password		Place enter username and password	p	Place enter username and password.
2	Enter correct value for username and password	Mahmud Mahmud	Accept	p	Accept

3	Enter wrong value for username and password	Rana Mahmud	Username and Password doesn't match	p	Username and password doesn't match
4	After giving input click "submit" button	N/A	Direct on user/lawyer owner page	p	Direct on user/lawyer owner page

Table 4. 2: Test case Module-2 for login

Chapter-05: Manual

5.1 Splash Screen

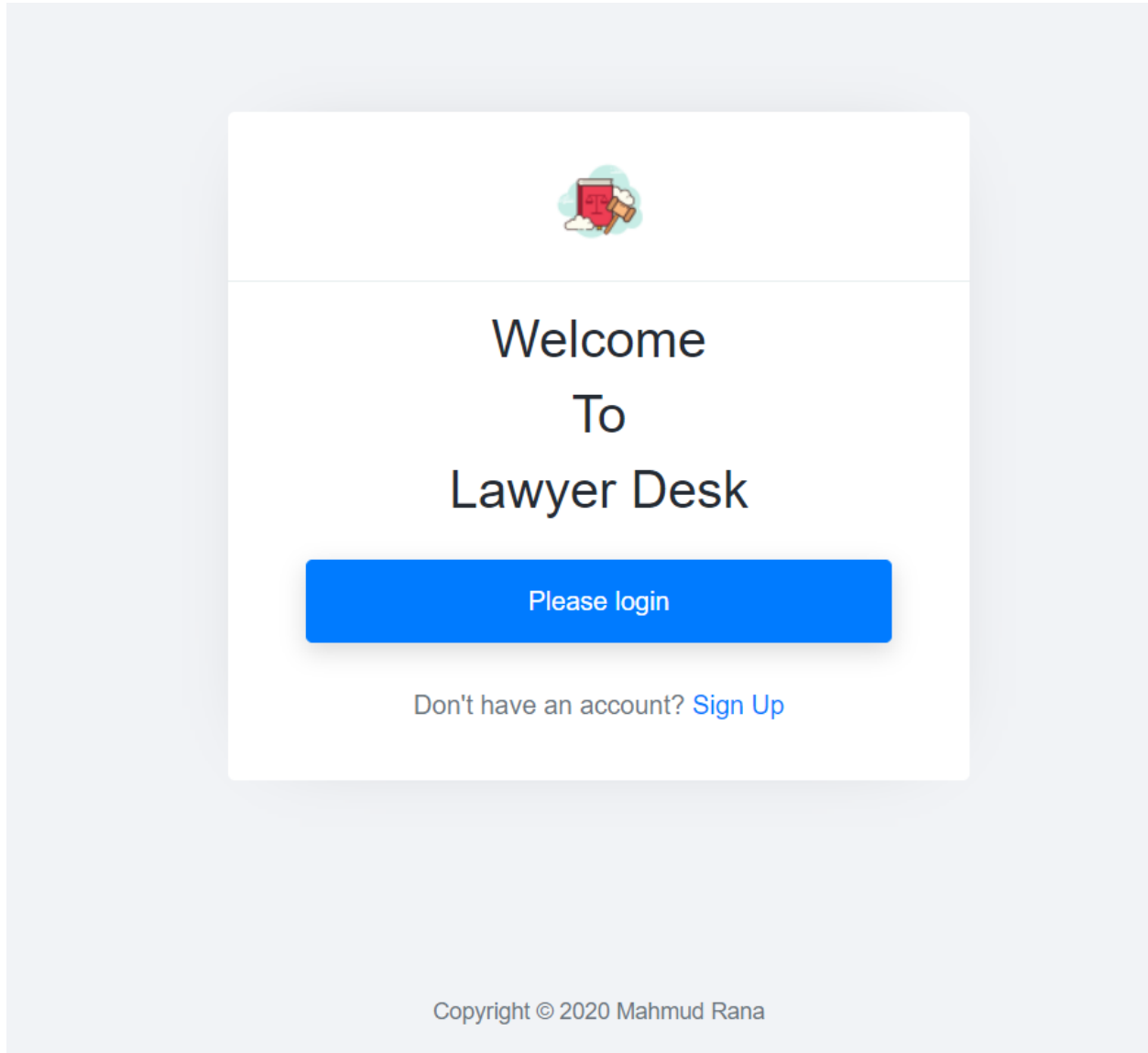
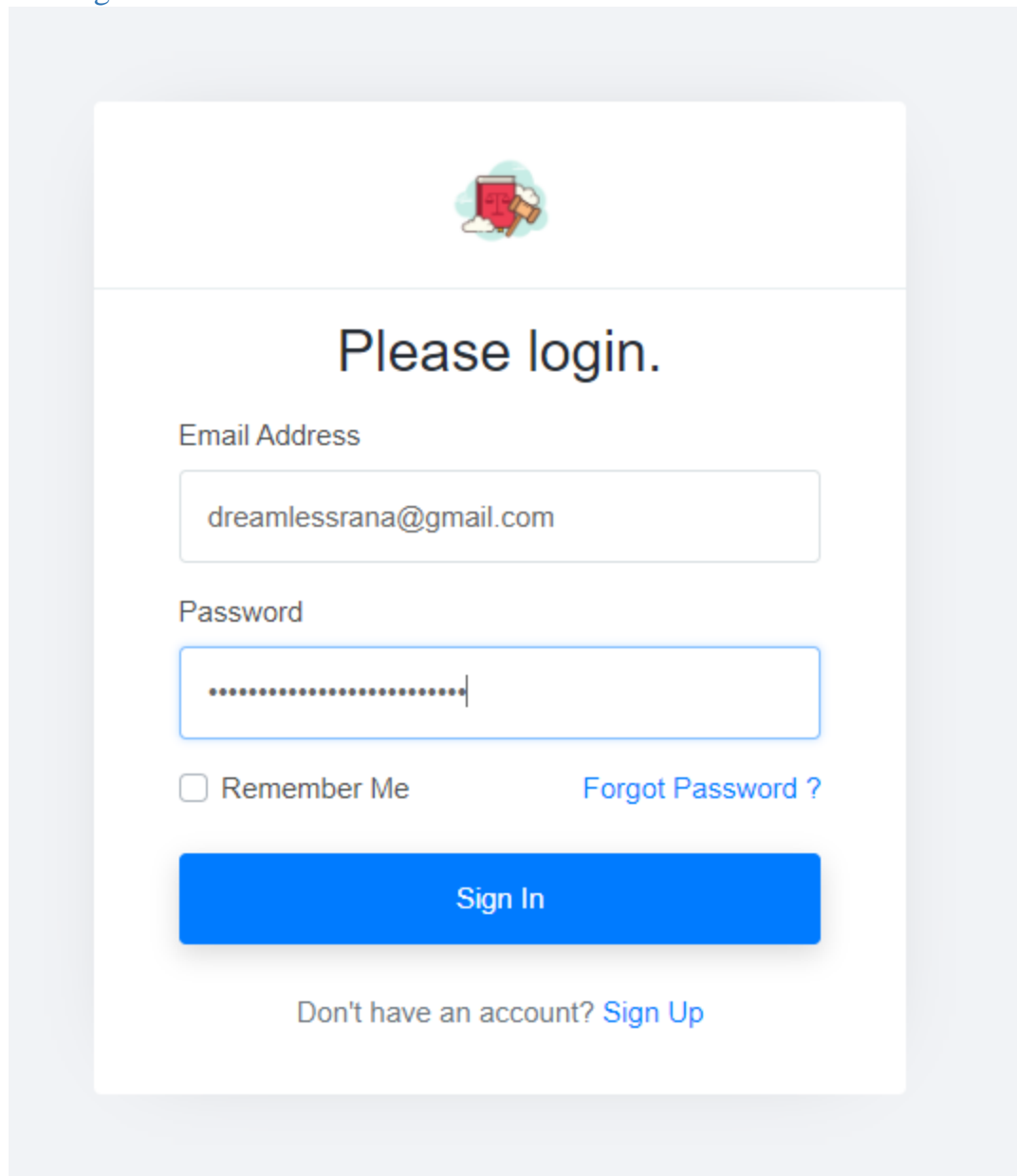



Figure 5. 1: Splash Screen

5.2 Login Screen

A login screen mockup with a light gray background. At the top center is a circular icon containing a red book and a pencil. Below the icon is a horizontal line. Underneath the line, the text "Please login." is centered in a large, bold, black font. Below this text are two input fields: "Email Address" containing "dreamlessrana@gmail.com" and "Password" containing a series of dots. To the left of the password field is a checkbox labeled "Remember Me". To the right of the password field is a blue link labeled "Forgot Password?". Below these fields is a large blue button with the text "Sign In" in white. At the bottom of the form is a blue link labeled "Don't have an account? Sign Up".



Please login.

Email Address

Password

Remember Me [Forgot Password ?](#)

[Sign In](#)

Don't have an account? [Sign Up](#)

Figure 5. 2: login Screen

5.3 Sign up Screen

The registration form is titled "Please Registration" and features a small icon of a book and a graduation cap at the top. It contains the following fields and elements:

- Profession: A dropdown menu with "Lawyer" selected.
- Name: A text input field containing "Mahmud Rana".
- Email: A text input field containing "dreamlessrana@gmail.com".
- Address: A text input field containing "রাধানগর, নারায়ণপুর, পাবনা".
- Phone Number: A text input field containing "98654213452458".
- Mobile Number: A text input field containing "+8801764388484".
- Password: A text input field with masked characters ".....".
- Confirm Password: A text input field with masked characters ".....".
- Submit Button: A blue button labeled "Create Account".
- Link: A link labeled "Have an account? Log In".
- Copyright: "Copyright © 2020 Mahmud Rana."

Figure 5. 3: login Screen

5.4 lawyer Dashboard

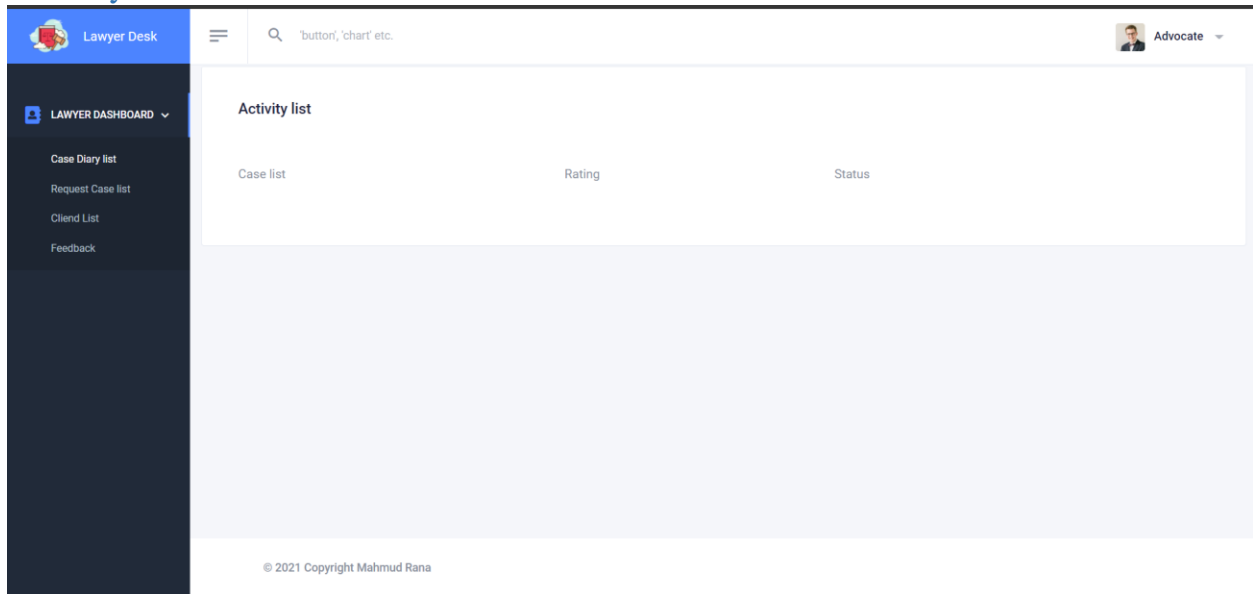


Figure 5. 4: login Screen

5.4.1 Case dairy list

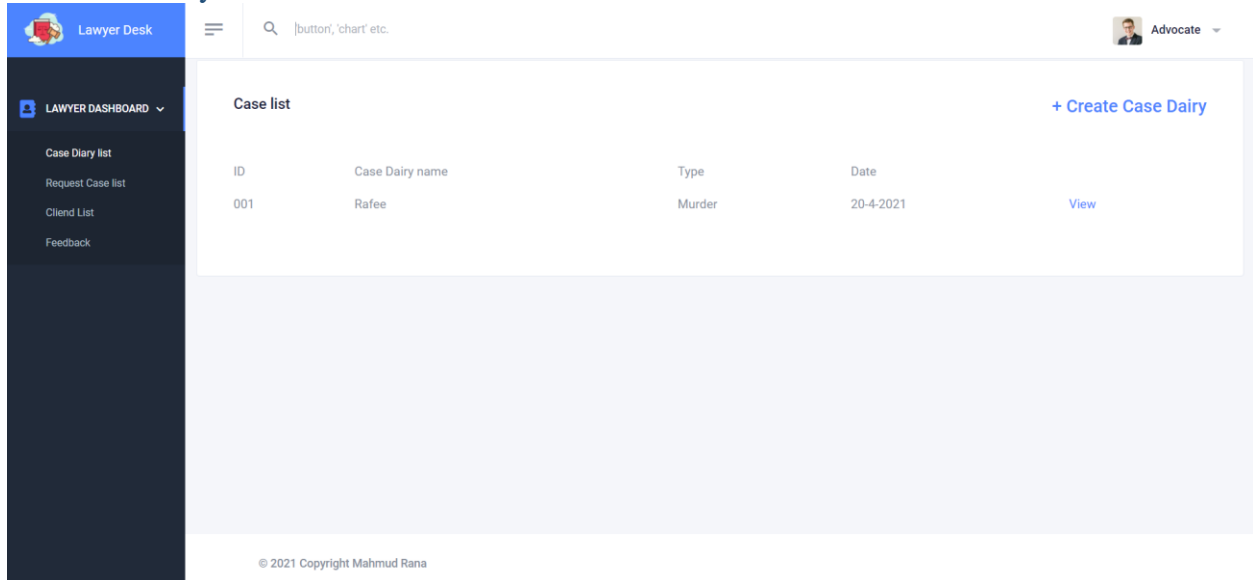


Figure 5. 5: Case dairy list

5.4.2 Create case dairy

The screenshot shows a web application interface for creating a case diary. The top navigation bar includes 'Lawyer Desk' and a search bar. The left sidebar contains a 'LAWYER DASHBOARD' menu with options like 'Case Diary list', 'Request Case list', 'Client List', and 'Feedback'. The main content area is titled 'Case Dairy' and contains a form with the following fields:

- Name: Muder
- Client Name: Rafee
- Email: rafee@gmail.com
- Address: রাধানগর, নারায়ণপুর, পাবনা
- Phone Number: 987564123654
- Mobile Number: +8801521310137
- Case Description: Someone kill my friends. That time i was pl
- Date: 20-4-2021
- Additional Info: I am innocent
- File Upload: Choose File 500_F_36513...vWk1db.jpg

A blue 'Create' button is located at the bottom of the form. The footer of the page reads '© 2021 Copyright Mahmud Rana'.

Figure 5. 6: Create case dairy

5.4.3 Request case list

The screenshot shows the 'Request list' section of the application. It features a table with the following data:

Serial.no	Client name	Case type	Date	
1	Rafee	Murder	12-4-2021	View

The footer of the page reads '© 2021 Copyright Mahmud Rana'.

Figure 5. 7: Request case list

5.4.4 Client list

Lawyer Desk

Search: [button', 'chart' etc.]

Advocate

Client list

ID	Client name	Date	
001	Rafee	22-02-2021	View

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Figure 5. 8: Client list

5.4.5 Feedback

Lawyer Desk

Search: [button', 'chart' etc.]

Advocate

User Feedback

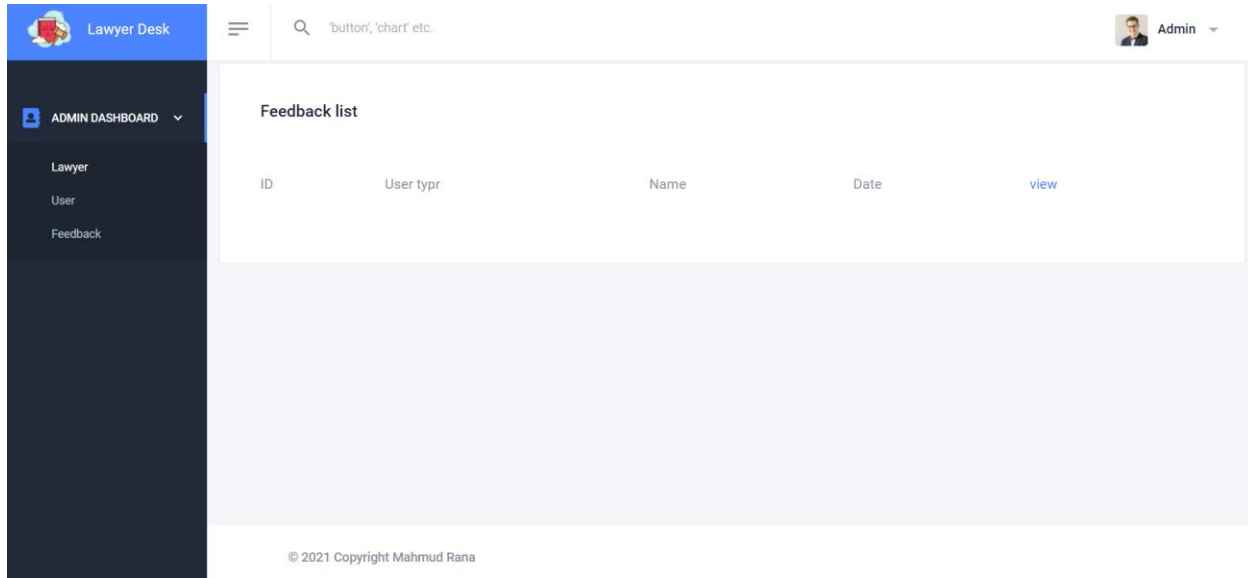
★ 5

[Give Feedback](#)

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Figure 5. 9: Feedback

5.5 Admin Dashboard



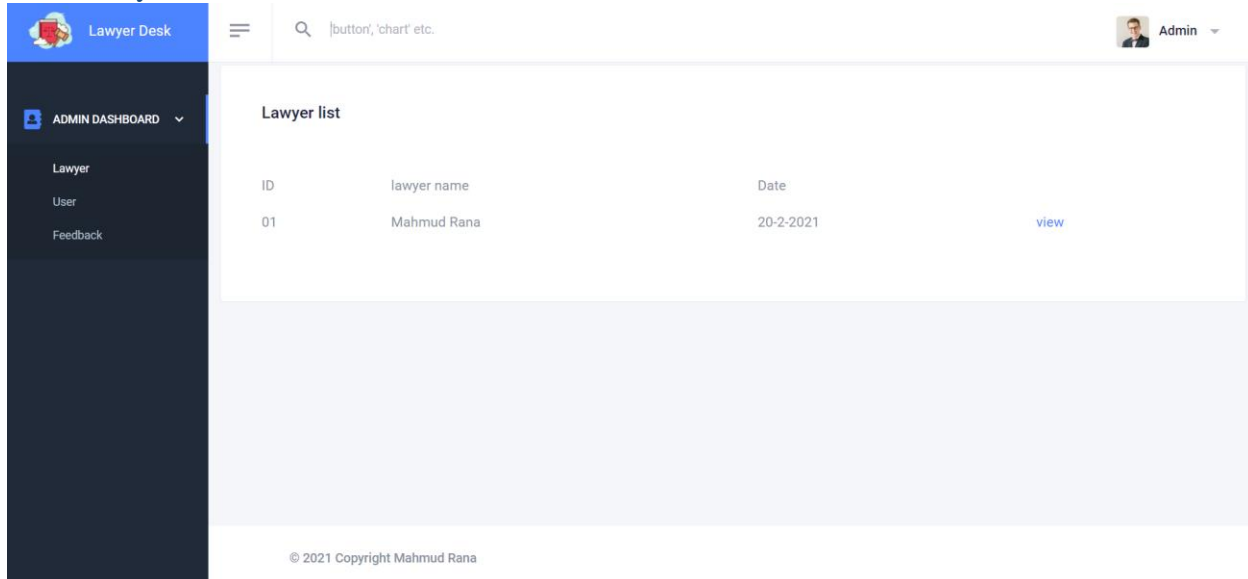
The screenshot displays the Admin Dashboard interface. On the left, a dark blue sidebar contains the 'ADMIN DASHBOARD' menu with sub-items for 'Lawyer', 'User', and 'Feedback'. The main content area features a 'Feedback list' table with the following structure:

ID	User typr	Name	Date	view
----	-----------	------	------	------

At the bottom of the page, the copyright notice reads: © 2021 Copyright Mahmud Rana.

Figure 5. 10: Admin Dashboard

5.5.1 Lawyer list



The screenshot displays the Admin Dashboard interface with the 'Lawyer list' table selected. The table structure is as follows:

ID	lawyer name	Date	view
01	Mahmud Rana	20-2-2021	view

At the bottom of the page, the copyright notice reads: © 2021 Copyright Mahmud Rana.

Figure 5. 11: Lawyer list

5.5.2 User list

The screenshot displays the 'User list' page. The interface includes a top navigation bar with 'Lawyer Desk' and a search bar containing '|button', 'chart' etc.'. A user profile for 'Admin' is visible in the top right. The main content area features a table titled 'User list' with the following data:

ID	User name	Date	
01	Rafee	3-4-2021	view

The sidebar on the left shows 'ADMIN DASHBOARD' and menu items for 'Lawyer', 'User', and 'Feedback'. A copyright notice '© 2021 Copyright Mahmud Rana' is located at the bottom of the page.

Figure 5. 12: User list

5.5.3 Feedback list

The screenshot displays the 'Feedback list' page. The interface is consistent with the previous screenshot. The main content area features a table titled 'Feedback list' with the following data:

ID	User typr	Name	Date	
001	Lawyer	Mahmud Rana	23-3-2021	view
002	User	Rafee	3-4-2021	view

The sidebar and top navigation elements remain the same. A copyright notice '© 2021 Copyright Mahmud Rana' is located at the bottom of the page.

Figure 5. 13: Feedback list

5.6 User Dashboard

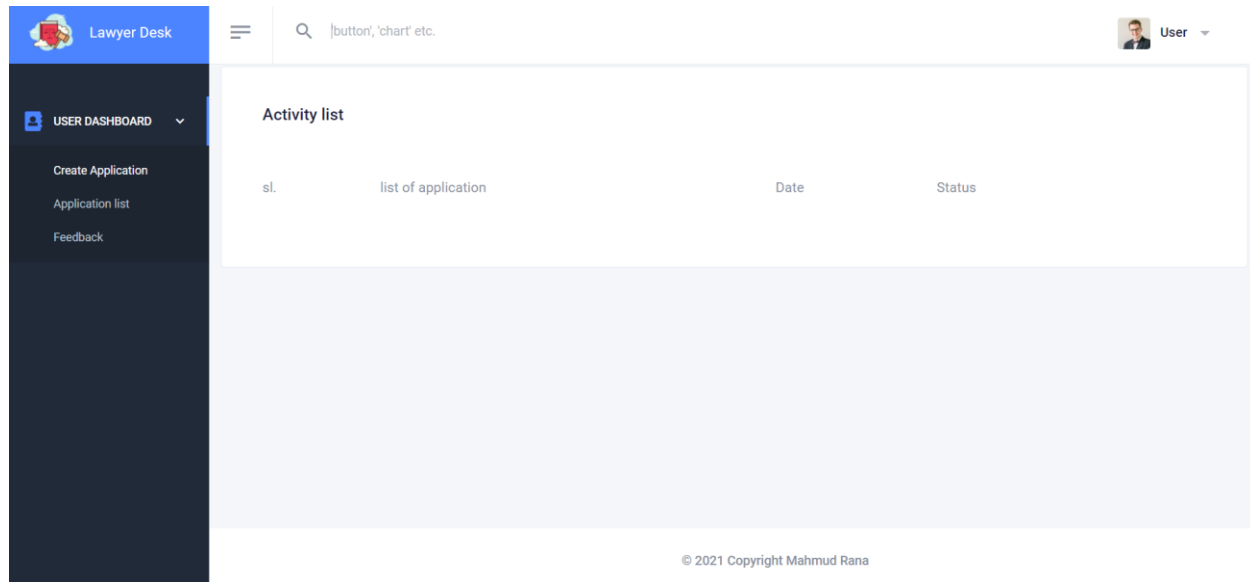


Figure 5. 14: Feedback list

5.6.1 Create application

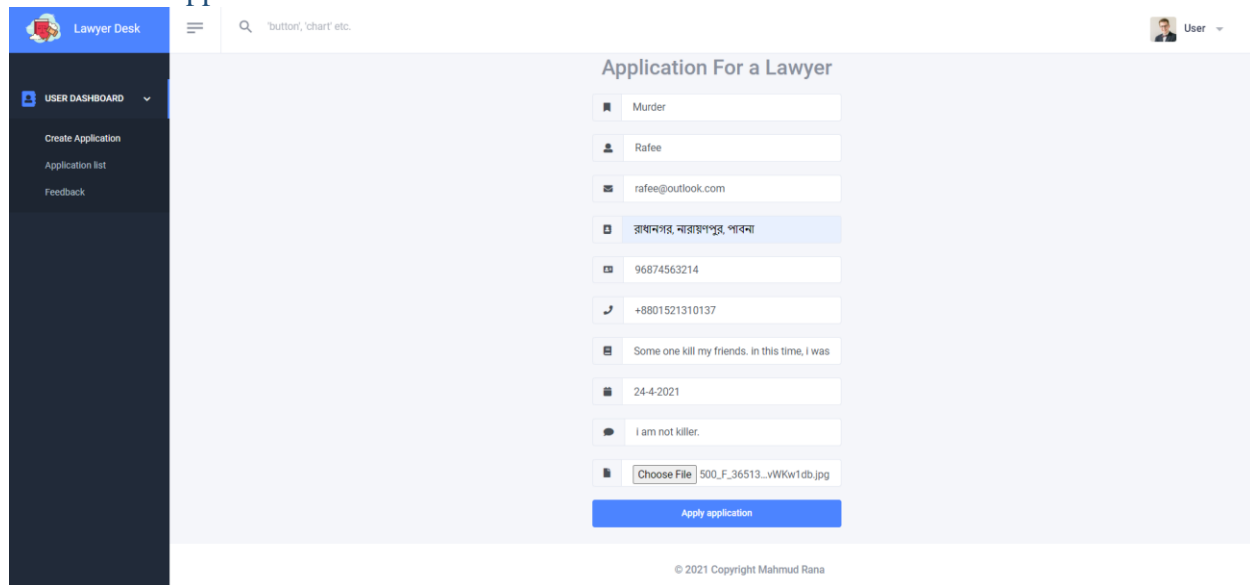


Figure 5. 15: Create application

5.6.2 Application list

Lawyer Desk

USER DASHBOARD

- Create Application
- Application list
- Feedback

Application list

Serial.no	lawyer name	Date	
001	Mahmud Rana	25-4-2021	view

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Figure 5. 16: Application list

5.6.3 Feedback

Lawyer Desk

USER DASHBOARD

- Create Application
- Application list
- Feedback

User Feedback

[Give Feedback](#)

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Figure 5. 17: Feedback

Chapter-06: Conclusion

6.1 Critical Evolution

User should know the basic English language knowledge and basic application operation. User and Lawyer both should be registered and only than they can log in and operate the application.

6.2 Limitation

Every application has some limitations as does this application.

- Notification alert can't see at real time.
- Editing profile photo is limited.
- Mobile verification hasn't set yet.
- Uploading photo is not save real size

6.3 Future Scope

Many more features can be added in the future through this system. One of its features is the facility of direct bank transaction, police verification, Visa Card Master Card and other card bill payment facilities. It may be used as a government website in the future.

Appendices

6/28/2021

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Lawyer Desk [Submitted by: MD, Mahmudul Hassan Id-172-35-2107 Department of Software Engineering Daffodil International University](#) Submitted to: Dr. Md. Mostafijur Rahman Associate professor [Department of Software Engineering Daffodil International University](#) The project [report has been submitted in fulfillment of the requirements for the degree of Bachelor of Science in Software Engineering](#) Department. © All Rights Reserved by [Daffodil International University](#) |Page ©HASH(0x7f9598c896c8). #|Page ©Daffodil International University HASH(0x7f9598c89770), HASH(0x7f9598c8a160): ----- HASH(0x7f9598c8b190) iii | P a g e ©Daffodil International UniversityHASH(0x7f9598c8af38). Mostafijur Rahman, Associate Professor, HASH(0x7f9598c8b8b0)HASH(0x7f9598c8bb08)HASH(0x7f9598c8cc18) support and care. iv|Page ©Daffodil International University ABSTRACT HASH(0x7f9598c8d188). With that in mind a system is being created for lawyers. A system through which a lawyer can easily store all the information related to his case in a specific place and at the same time he can monitor all his clients. Through this system, a victim can easily hire any lawyer as his own lawyer. He will even be able to pay the lawyer's fees through the system. For the protection of HASH(0x7f9598c8d248) monitor any information related to a lawyer's case at any time and will only be able to view the professional information of the lawyer. Using this system will save a lawyer a lot of time and will also give him more security of all his information. On the other hand a victim will be able to appoint his lawyer in a short period of time and inspect all the information about his case at any time. v|Page ©Daffodil International UniversityHASH(0x7f9598c8d248)HASH(0x7f9598c8b760)

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CHAPTER 1: HASH(0x7f9598c96750) Lawyer Desk System is a web-based application, which will help lawyer and Victim user. A system through which a lawyer can easily store all the information related to his case in a specific place and at the same time he can monitor all his clients. Through this system, a victim can easily hire any lawyer as his own lawyer. For the protection of this system, the admin will not be able to monitor any information related to a lawyer's case at any time and will only be able to view the professional information of the lawyer. 1.2 PURPOSE The "Lawyer Desk" system will help the lawyer to store his case information and his case time other side victim user can hire a lawyer to use this system. So, the main purposes of this system could be: <ul style="list-style-type: none"> • Saves time and energy. • Lawyer and User can use this system anywhere. • Lawyer and User can work smartly. • Analog to Digitalize 1.3 BACKGROUND Our society is a modern society. Technology is being used at all levels of this society today. No one is lagging behind today. The system is designed in such a way that a lawyer can easily use this technology to use all the information related to his case to his advantage. Using this system, a lawyer can input all the information of his case and use it when he needs to use it. By using this system, a lawyer will get a lot more motivation to do his job. On the other hand, he will be able to keep all his information secure and maintain good relations with his clients. 1.4 OBJECTIVES The main purpose of using		

this system is to make the work of a lawyer easy and secure. Through this system, a lawyer can file all his information one by one. Even if a lawyer is away from his client, he can use this system to help his client. A lawyer will be able to reduce the time it takes to write a case diary because of the use of this system and he will be able to use the time he has spent on other tasks. On the other hand, keep all his information secure so that no one can see his information. He can use his information only when he needs it. 1.5 STAKEHOLDER Our project stakeholders are following people. 1. Admin 2. Lawyer 9|Page @Daffodil International University 3. End user 1.6 PROPOSED SYSTEM Figure 1.1: Proposed system 1.7 PROJECT PLAN Table 1.1 Project Plan Task name Resource name Start Finish Duration(days) Planning PM, BA 2-2-21 11-2-21 10 Requirement RE,RA 12-2-21 23-2-21 12 System design UI design 24-2-21 13-3-21 18 Database design DB design 13-3-21 28-3-21 15 Development Develop 29-3-21 12-5-21 45 Testing Test 13-5-21 19-5-21 5 Implementation Implementation 20-5-21 25-6-21 5 Delivery PM, Implementation 26-6-21 27-6-21 1 10|Page @Daffodil International University 1.8 MILESTONES Table 2.2: Project Milestones Task no Task name Duration 01 Planning 10 02 Requirement gathering and analysis 12 03 System design 18 04 Database design 15 05 Development 45 06 Testing 5 07 Implementation 5 08 Relies 1 11 11|Page @Daffodil International University HASH(0x7f9598c96a68) Functionality requirements refers to the functions included in the system to understand the functionality requirements application. If an application is created, then of course functional requirements are required. Here I am HASH(0x7f9598c96b10) Registration FR-01 Registration Descriptions Lawyer and User register their information for authentication Stakeholders Lawyer& User Priority High Table 2. 1: Registration 2.1.2 Login FR-02 Login Descriptions Admin, Lawyer and User logged in when they access the system. Stakeholders Admin, Lawyer & User Priority High Table 2. 2: Login 2.1.3 Manage Database FR-03 Manage Database Descriptions Admin manage database with create, view, update, delete. Admin can always monitor database. 12|Page @Daffodil International University Stakeholders Admin. Priority High Table 2. 3: Manage Database 2.1.4 Lawyer's Request FR-04 Lawyer's Request Descriptions HASH(0x7f9598c96648). Priority High Table 2. 4: Lawyer's Request 2.1.5 View Users & Lawyer FR-05 View Users & Lawyer Descriptions HASH(0x7f9598c98ea0) Stakeholders Admin. Priority High Table 2. 5: View Users & Lawyer 2.1.6 Delete User's & Lawyer's FR-06 Delete User's & Lawyer's Descriptions Admin can delete a user and lawyer if required. 13|Page @Daffodil International University Stakeholders Admin. Priority High Table 2. 6: Delete User's & Lawyer's 2.1.7 View Feedback FR-07 HASH(0x7f9598c97458)'s. Stakeholders Admin. Priority High Table 2. 7: View Feedback 2.1.8 Add a Case FR-08 HASH(0x7f9598c993c8). Priority High Table 2. 8: Add a Case 2.1.9 View Cases FR-9 View Cases Descriptions HASH(0x7f9598c996f8). Stakeholders Lawyer. 14|Page @Daffodil International University Priority High Table 2. 9: View Cases 2.1.10 Delete Cases FR-10 Delete Cases Descriptions Lawyer can delete a user case if required. Stakeholders Lawyer. Priority High Table 2. 10: Delete Cases 2.1.11 Edit Cases FR-11 Edit Cases Descriptions Lawyer can edit a user case if required. Stakeholders Lawyer. Priority High Table 2. 11: Edit Cases 2.1.12 User Request FR-12 User Request Descriptions HASH(0x7f9598c999c8). Priority High 15|Page @Daffodil International University Table 2. 12: User Request 2.1.13 Deposit detail FR-13 Deposit detail Descriptions The lawyer can see his deposit fees details. Stakeholders Lawyer. Priority High Table 2. 13: Deposit detail 2.1.14 Send Feedback FR-14 HASH(0x7f9598c9a918) Priority High Table 2. 14: Send Feedback 2.1.15 Request a Lawyer FR-15 HASH(0x7f9598c9ac30). Priority High Table 2. 15: Request a Lawyer 2.1.16 View Request 16|Page @Daffodil International University FR-16 HASH(0x7f9598c9b068). Stakeholders User. Priority High Table 2. 16: View Request 2.1.17 Edit Request FR-17 Edit Request Descriptions HASH(0x7f9598c9b2c0). Stakeholders User. Priority High Table 2. 17: Edit Request 2.2 Non-Functional Requirements 2.2.1 Page change within one sec FR-1 Page change within one sec Descriptions Each page will respond within one second. Stakeholders Admin, lawyer & User. Table 2. 18: Page change within one sec 2.2.2 Always update the system 17|Page @Daffodil International University FR-2 Always update the system Descriptions Admin update the system and notify the users and lawyer through email. Stakeholders Admin Table 2. 19: Always update the system 2.2.3 Security FR-3 Security Descriptions System will be available to users in both offline and online with condition. Stakeholders Admin, lawyer & User. Table 2. 20: Security 2.2.4 Bug recover FR-4 Bug recover Descriptions If any kind of bugs found then it will be fixed soon. Stakeholders Admin Table 2. 21: Bug recover 2.2.5 Update information will be shown FR-5 Update information will be shown Descriptions Update information will be shown on the home page or landing page to any user. Stakeholders Admin, lawyer & User. Table 2. 22: Update information will be shown 18|Page @Daffodil International University 2.3 Security Requirements • SR-01: Log In as a Lawyer . • SR-02: Log In as a Victim user . 2.3.1 Access Requirements This system provides access to • Different modules • To the authenticated user 2.3.2 Integrity Requirements To prevent credential information from stolen, all passwords are stored in encrypted form. The requirements significantly reduces the value of stolen credentials, it's not easy to decrypt the password. 2.4 Usability and Human Integrity Requirement The system is easy to use for all the end users. 2.5 Data Validation In this stage all data are tested for validation. 2.6 User Interface Design It is important to consult the system user about the necessities for user interface design. 19|Page @Daffodil International University HASH(0x7f9598c9b6f8): Update information will be shown 3.2 HASH(0x7f9598c9c428) Insert Lawyer and User information into database Precondition A valid username, email ,password and other information Success and End Condition Registration successful Failed End Condition Cannot store data in database Primary actors Secondary actors Lawyer, User System Triggers Registration Description Lawyer or User should enter valid username, email, password and information in the registration field Alternative flows N/A Quality requirements N/A Table 3. 1: Registration 3.2.2 Login Use case title Login Goal Log in successfully Precondition Lawyer and user have to enter a valid email and password Success and End Condition Log in successfully Failed End Condition Log in failed Primary actors Secondary actors Lawyer, User, Admin Triggers Manage application Description Lawyer or User or admin have to enter a valid email and password to enter to their system Alternative flows N/A Quality requirements N/A Table 3. 2: Login 3.2.3 View user information 21|Page @Daffodil International University Use case title View user information Goal Successful view to user information Precondition Only admin can enter this feature Success and End Condition All user information view successfully Failed End Condition Empty database Primary actors Secondary actors Admin Triggers View user information Description Admin can see user information Alternative flows N/A Quality requirements N/A Table 3. 3: View user information 3.2.4 View Lawyer information Use case title View Lawyer information Goal Successful view to lawyer information Precondition Only admin can enter this feature Success and End Condition All lawyer information view successfully Failed End Condition Empty database Primary actors Secondary actors Admin Triggers View lawyer information Description Admin can see Lawyer information Alternative flows N/A Quality requirements N/A Table 3. 4: View Lawyer information 3.2.5 lawyer request list 22|Page @Daffodil International University Use case title lawyer request list Goal Successful view lawyer request list Precondition Only admin can enter this feature Success and End Condition All lawyer request list view successfully Failed End Condition Empty database Primary actors Secondary actors Admin Triggers View lawyer request list Description Admin can see Lawyer request list Alternative flows N/A Quality requirements N/A Table 3. 5: lawyer request list 3.2.6 Delete

https://www.turnitin.com/newreport_printview.asp?eq=1&eb=1&esm=10&old=1613223543&sid=0&n=0&m=2&svr=47&r=66.03780287917382&lang=en... 7/9

Lawyer ID Use case title Delete Lawyer ID Goal Successful delete lawyer ID Precondition Only admin can enter this feature Success and End Condition lawyer ID delete successfully Failed End Condition Deletion failed Primary actors Secondary actors Admin Triggers Delete Lawyer ID Description Admin can delete Lawyer ID Alternative flows N/A Quality requirements N/A Table 3. 6: Delete Lawyer ID 3.2.7 Delete User ID Use case title Delete User ID [23|Page @Daffodil International University](#) Goal Successful delete User ID Precondition Only admin can enter this feature Success and End Condition User ID delete successfully Failed End Condition Deletion failed Primary actors Secondary actors Admin Triggers Delete User ID Description Admin can delete User ID Alternative flows N/A Quality requirements N/A Table 3. 7: Delete User ID 3.2.8 View Feedback Use case title View Feedback Goal Successful view feedback Precondition Only admin can enter this feature Success and End Condition All feedback view successfully Failed End Condition Empty database Primary actors Secondary actors Admin Triggers View feedback Description Admin can view all the feedback Alternative flows N/A Quality requirements N/A Table 3. 8: View Feedback 3.2.9 Create a case dairy Use case title Create a case dairy Goal Successful store all the information to a case dairy [24|Page @Daffodil International University](#) Precondition Only lawyer can enter this feature Success and End Condition Create a case dairy successfully Failed End Condition Failed to store Primary actors Secondary actors Lawyer Triggers Create a case dairy Description Lawyer can input valid information for his case and store database. Alternative flows N/A Quality requirements N/A Table 3. 9: Create a case dairy 3.2.10 View Case dairy Use case title View Case dairy Goal Successful view Case dairy Precondition Only lawyer can enter this feature Success and End Condition All Case dairy view successfully Failed End Condition Failed to view case dairy Primary actors Secondary actors Lawyer Triggers View Case dairy Description Lawyer can view all case details in this case dairy. Alternative flows N/A Quality requirements N/A Table 3. 10: View Case dairy 3.2.11 Case dairy update Use case title Case dairy update Goal Case dairy update Successful Precondition Only lawyer can enter this feature [25|Page @Daffodil International University](#) Success and End Condition Case dairy update successfully Failed End Condition Failed to update case dairy Primary actors Secondary actors Lawyer Triggers Update Case dairy Description Lawyer can update case details in this case dairy. Alternative flows N/A Quality requirements N/A Table 3. 11: Case dairy update 3.2.12 Case dairy delete Use case title Case dairy delete Goal Case dairy delete Successful Precondition Only lawyer can enter this feature Success and End Condition Case dairy delete successfully Failed End Condition Failed to delete case dairy Primary actors Secondary actors Lawyer Triggers Delete Case dairy Description Lawyer can delete case details in his case list. Alternative flows N/A Quality requirements N/A Table 3. 12: Case dairy delete 3.2.13 View the user request Use case title View the user request Goal View all user request Successful Precondition Only lawyer can enter this feature Success and End Condition User request list view successfully [26|Page @Daffodil International University](#) Failed End Condition Failed to view user request Primary actors Secondary actors Lawyer Triggers View all user request Description Lawyer can see user request list. Alternative flows N/A Quality requirements N/A Table 3. 13: View the user request 3.2.14 User request confirm Use case title User request confirm Goal View confirm user request Successful Precondition Only lawyer can enter this feature Success and End Condition User request confirm successfully Failed End Condition Failed to confirm user request Primary actors Secondary actors Lawyer Triggers Confirm user request Description Lawyer can confirm user request. Alternative flows N/A Quality requirements N/A Table 3. 14: User request confirm 3.2.15 User request Delete Use case title User request Delete Goal User request Delete Successful Precondition Only lawyer can enter this feature Success and End Condition User request delete successfully Failed End Condition Failed to delete user request [27|Page @Daffodil International University](#) Primary actors Secondary actors Lawyer Triggers Delete user request Description Lawyer can delete user request. Alternative flows N/A Quality requirements N/A Table 3. 15: User request Delete 3.2.16 View the user details Use case title View the user details Goal View the user details Successful Precondition Only lawyer can enter this feature Success and End Condition User request delete successfully Failed End Condition Failed to view user details Primary actors Secondary actors Lawyer Triggers View the user details Description Lawyer can view user details for his user. Alternative flows N/A Quality requirements N/A Table 3. 16: View the user details 3.2.17 Search Case Law Use case title Search Case Law Goal View Search Case Law Successful Precondition Only lawyer can enter this feature Success and End Condition Search successfully Failed End Condition Failed to Search Primary actors Lawyer [28|Page @Daffodil International University](#) Secondary actors Triggers Search law Description Lawyer can view case for the search. Alternative flows N/A Quality requirements N/A Table 3. 17: Search Case Law 3.2.18 Feedback Use case title Feedback Goal Give Feedback Successful Precondition Lawyer and user can enter this feature Success and End Condition Give feedback successfully Failed End Condition Failed to give feedback Primary actors Secondary actors Lawyer, User Triggers Give feedback Description Lawyer and user can give feedback Alternative flows N/A Quality requirements N/A Table 3. 18: Feedback 3.2.19 Create application Use case title Create application Goal Create application Successful Precondition Only User can enter this feature Success and End Condition Create application successfully Failed End Condition Failed to Create application Primary actors Secondary actors User [29|Page @Daffodil International University](#) Triggers Create application Description User can Create application. Alternative flows N/A Quality requirements N/A Table 3. 19: Create application 3.2.20 Application Update Use case title Application Update Goal Application Update Successful Precondition Only User can enter this feature Success and End Condition Update application successfully Failed End Condition Failed to update application Primary actors Secondary actors User Triggers Application Update Description User can update application. Alternative flows N/A Quality requirements N/A Table 3. 20: Application Update 3.2.21 Application delete Use case title Application delete Goal Application delete Successful Precondition Only User can enter this feature Success and HASH(0x7f9598c9ced8) [30|Page @Daffodil International University](#) Description User can delete application. Alternative flows N/A Quality requirements N/A Table 3. 21: Application delete 3.2.22 View application Use case title View application Goal View application Successful Precondition Only User can enter this feature Success and End Condition View application successfully Failed End Condition Failed to view application Primary actors Secondary actors User Triggers Application view Description User can view application. Alternative flows N/A Quality requirements N/A Table 3. 22: View application 3.2.23 Search Lawyer Use case title Search Lawyer Goal Search Lawyer Successful Precondition Only User can enter this feature Success and End Condition View application successfully Failed End Condition Failed to Search Lawyer Primary actors Secondary actors User Triggers Search Lawyer Description User can Search Lawyer. [31|Page @Daffodil International University](#) Alternative flows N/A Quality requirements N/A Table 3. 23: Search Lawyer 3.2.24 Log out Use case title Log out Goal Exit from the system Precondition First registration and log in have to be done Success and End Condition Log out successfully HASH(0x7f9598c9ced8) Lawyer, User, admin Triggers Registration and log in Description To log out from the system user or lawyer have to register and log in to the system first. Alternative flows N/A Quality requirements N/A Table 3. 24: Log out 3.3 HASH(0x7f9598c9e2e0) [33|Page @Daffodil International University](#) 3.3.2 Registration (Lawyer & User) Figure 3. 3: Registration (Lawyer & User) [34|Page @Daffodil International University](#) 3.3.3 View user information (Admin) Figure 3. 4: View user

https://www.turnitin.com/newreport_printview.asp?eq=1&eb=1&esm=10&old=1613223543&sid=0&n=0&m=2&svr=47&r=66.03780287917382&lang=en... 8/9

information (Admin) 3.3.4 View Lawyer information (Admin) Figure 3. 5: View Lawyer information (Admin) [35|Page @Daffodil International University](#) 3.3.5 lawyer request (Admin) Figure 3. 6: lawyer request (Admin) 3.3.6 Delete Lawyer ID (Admin) Figure 3. 7: Delete Lawyer ID (Admin) [36|Page @Daffodil International University](#) 3.3.7 Delete User ID (Admin) Figure 3. 8: Delete User ID (Admin) 3.3.8 view Feedback (Admin) Figure 3. 9: view Feedback (Admin) [37|Page @Daffodil International University](#) 3.3.9 Create a case dairy (Lawyer) Figure 3. 10: Create a case dairy (Lawyer) 3.3.10 View Case dairy (Lawyer) Figure 3. 11: View Case dairy (Lawyer) [38|Page @Daffodil International University](#) 3.3.11 Case dairy Edit (Lawyer) Figure 3. 12: Case dairy Edit (Lawyer) 3.3.12 Case dairy delete (Lawyer) Figure 3. 13: Case dairy delete (Lawyer) [39|Page @Daffodil International University](#) 3.3.13 View the user request (Lawyer) Figure 3. 14: View the user request (Lawyer) 3.3.14 View the user (Lawyer) Figure 3. 15: View the user (Lawyer) [40|Page @Daffodil International University](#) 3.3.15 Search Case Law (Lawyer) Figure 3. 16: Search Case Law (Lawyer) 3.3.16 Feedback (Lawyer) Figure 3. 17: Feedback (Lawyer) [41|Page @Daffodil International University](#) 3.3.17 Create application (User) Figure 3. 18: Create application (User) 3.3.18 Application Edit (User) Figure 3. 19: Application Edit (User) [42|Page @Daffodil International University](#) 3.3.19 Application delete (User) Figure 3. 20: Application delete (User) 3.3.20 View application (User) Figure 3. 21: View application (User) [43|Page @Daffodil International University](#) 3.3.21 Search Lawyer (User) Figure 3. 22: Search Lawyer (User) 3.3.22 Search Lawyer (User) Figure 3. 23: Search Lawyer (User) [44|Page @Daffodil International University](#) 3.HASH(0x7f9598c9f858). 24: Login 3.4.2 Registration Figure 3. 25: Registration [45|Page @Daffodil International University](#) 3.4.3 View lawyer & user information (Admin) Figure 3. 26: View lawyer & user information (Admin) 3.4.4 lawyer request Figure 3. 27: lawyer request [46|Page @Daffodil International University](#) 3.4.5 Delete Lawyer & user ID Figure 3. 28: Delete Lawyer & user ID 3.4.6 view Feedback Figure 3. 29: view Feedback [47|Page @Daffodil International University](#) 3.4.7 Create a case dairy Figure 3. 30: Create a case dairy 3.4.8 View Case dairy Figure 3. 31: View Case dairy [48|Page @Daffodil International University](#) 3.4.9 Case dairy edit Figure 3. 32: Case dairy edit 3.4.10 Case dairy delete Figure 3. 33: Case dairy delete [49|Page @Daffodil International University](#) 3.4.11 View the user request Figure 3. 34: View the user request 3.4.12 View the user Figure 3. 35: View the user [50|Page @Daffodil International University](#) 3.4.13 Feedback Figure 3. 36: Feedback 3.4.14 Create application Figure 3. 37: Create application [51|Page @Daffodil International University](#) 3.4.15 Application Update Figure 3. 38: Application Update 3.4.16 Application delete Figure 3. 39: Application delete [52|Page @Daffodil International University](#) 3.4.17 View application Figure 3. 40: View application 3.4.18 User feedback Figure 3. 41: User feedback [53|Page @Daffodil International University](#) 3.5 HASH(0x7f9598ca02a8) 3. 43: entity relationship diagram [55|Page @Daffodil International University](#) CHAPTER 4: Testing HASH(0x7f9598ca12c8) • Registration • Log in • Create case dairy • Feedback 4.1.2 Features not to be tested This is necessary to identify the feature that need not to be tested because it helps to avoid unnecessary confusions if some part should be tested or not. 4.2 Test case 4.2.1 HASH(0x7f9598ca1040): This section covers the functionality of registering new users. Test execute date :30-05-2021 Precondition: User has no precondition. Dependencies: Enter input required information. HASH(0x7f9598ca1a00) for any required filed Display error message p Display error message [56|Page @Daffodil International University](#) 2 Enter different email format instead ofxyz@gmail.com Test@gmail mr@gmail.com Display error message "Invalid Email Address" p Display error message "Invalid Email Address" 3 Enter existing email rana@gmail.com Display error message "Email already exist" p Display error message "Email already exist" 4 New user registration N/A Display message "Registration successful" p Display message "Registration successful" Table 4. 1: Test case Module-1 for Registration 4.2.HASH(0x7f9598ca1dc0): This section covers the functionality of registering new users. Test execute date :30-05-2021 Precondition: User has no precondition. Dependencies: Enter input required information. HASH(0x7f9598ca2d18)HASH(0x7f9598ca3270) Mahmud Mahmud Accept p Accept [57|Page @Daffodil International University](#) 3 Enter wrong value for username and password Rana Mahmud Username and Password doesn't match p Username and password doesn't match 4 After giving input click "submit" button N/A Direct on user/lawyer owner page p Direct on user/lawyer owner page Table 4. 2: Test case Module-2 for login [58|Page @Daffodil International University](#) Chapter-05: Manual HASH(0x7f9598ca3408) [59|Page @Daffodil International University](#) 5.2 Login Screen Figure 5. 2: login Screen [60|Page @Daffodil International University](#) 5.3 Sign up Screen Figure 5. 3: login Screen [61|Page @Daffodil International University](#) 5.4 lawyer Dashboard Figure 5. 4: login Screen 5.4.1 Case dairy list Figure 5. 5: Case dairy list [62|Page @Daffodil International University](#) 5.4.2 Create case dairy Figure 5. 6: Create case dairy 5.4.3 Request case list Figure 5. 7: Request case list [63|Page @Daffodil International University](#) 5.4.4 Client list Figure 5. 8: Client list 5.4.5 Feedback Figure 5. 9: Feedback [64|Page @Daffodil International University](#) 5.5 Admin Dashboard Figure 5. 10: Admin Dashboard 5.5.1 Lawyer list Figure 5. 11: Lawyer list [65|Page @Daffodil International University](#) 5.5.2 User list Figure 5. 12: User list 5.5.3 Feedback list Figure 5. 13: Feedback list [66|Page @Daffodil International University](#) 5.6 User Dashboard Figure 5. 14: Feedback list 5.6.1 Create application Figure 5. 15: Create application [67|Page @Daffodil International University](#) 5.6.2 Application list Figure 5. 16: Application list 5.6.3 Feedback Figure 5. 17: Feedback [68|Page @Daffodil International University](#) Chapter-06: Conclusion 6.1 Critical Evolution User should know the basic English language knowledge and basic application operation. User and Lawyer both should be registered and only than they can log in and operate the application. 6.2 Limitation Every application has some limitations as does this application. • Notification alert can't see at real time. • Editing profile photo is limited. • Mobile verification hasn't set yet. • Uploading photo is not save real size 6.3 Future Scope Many more features can be added in the future through this system. One of its features is the facility of direct bank transaction, police verification, Visa Card Master Card and other card bill payment facilities. It may be used as a government website in the future. [69|Page @Daffodil International University](#) References Documentation Idea: Thomas T. Barker, (1998). Writing Software Documentation. Retrieved from <https://cutt.ly/djMayO3> System Requirement Specification: Andreas Rüping, ISBN: 978-0-470-85617-8, (September 11, 2003). Agile Documentation: A Pattern Guide to Producing Lightweight Documents for Software Projects (1st Chapter, Topic-19, P-(26-28)). Retrieved from <https://cutt.ly/ajMSGj2> Tools and technologies: • PHP >= 7.1.3 • Laravel -v5.8 • mysqldb -v 7.4.13 • XAMPP -v7.4.13 • HTML5 • Bootstrap 5 • Phpstorm -v 2020.3.2 Project Idea: <http://advocate-diary.com> <http://lawycasediary.com> Git hub link: https://github.com/mahmudulhassanrana/Lawyer_desk 70|Page @Daffodil International University

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Thomas T. Barker, (1998). Writing Software Documentation. Retrieved from <https://cutt.ly/djMAyO3>

System Requirement Specification:

Andreas Rüping, ISBN: 978-0-470-85617-8, (September 11, 2003). Agile Documentation: A Pattern Guide to Producing Lightweight Documents for Software Projects (1st Chapter, Topic-19, P-(26-28)). Retrieved from <https://cutt.ly/ajMSGj2>

Tools and technologies:

- PHP >= 7.1.3
- Laravel -v5.8
- mysqlnd -v 7.4.13
- XAMPP -v7.4.13
- HTML5
- Bootstrap 5
- PhpStorm -v 2020.3.2

Project Idea:

<http://advocate-diary.com>
<http://lawyercasediary.com>

Git hub link:

https://github.com/mahmudulhassanrana/Lawyer_desk