

Activities to be completed

1. Meeting with Project Guide and Preliminary Discussion

Duration: 30 January 2026 – 4 February 2026

During this period, a meeting was conducted with the project guide to discuss the project idea and development approach. The primary objective of the meeting was to select a suitable web-based project and understand the expectations of the project work.

After several discussions, the project titled “**BookMyDeed – Online Legal Service Platform**” was finalized. The guide suggested developing a modern, responsive, and user-friendly web platform that provides online legal services such as rent agreement registration and document processing.

The platform aims to simplify legal documentation processes by allowing users to create agreements, submit required details online, and complete the registration process through a digital system.

The following points were discussed during the meeting:

- Selection of the project topic and domain
- Identification of target users such as property owners, tenants, and legal service users
- Technologies that will be used for website development
- Website layout and navigation structure
- Planning of modules such as agreement creation, document submission, and verification
- Timeline for completing different stages of the project

The project guide also suggested using modern web technologies such as **HTML5, CSS3, Bootstrap, JavaScript, Node.js, Express.js, and MySQL** to ensure the system is scalable and maintainable

The meeting helped in defining the **scope, objectives, and development strategy** for the BookMyDeed platform. the scope, objectives, and development strategy for the project.

2. Company Internship Letter Submission

Duration: 4 February 2026 – 9 February 2026

During this phase, the internship letter provided by the company was submitted to the college as a part of the academic project requirements. The internship provided an opportunity to work on a real-time web development project.

Through this internship, the student gained practical exposure to the software development process and learned how websites are designed and implemented in a professional environment. The internship allowed the student to apply

theoretical knowledge of web technologies to build a functional and visually appealing website.

The internship also helped the student understand:

- The workflow of web development projects
- The importance of user interface and user experience
- Interaction between frontend and backend technologies
- Real-world project documentation and reporting

The project selected during the internship period was **BookMyDeed – Online Legal Service Platform**, which aims to simplify legal documentation processes through an interactive web platform.

3. Project Synopsis

Project Title :

BookMyDeed – Online Legal Service Platform

Company Name :

BookMyDeed

Objective of the Project

The main objective of this project is to design and develop a professional web platform that provides online legal services such as **rent agreement registration** and document processing.

The system aims to simplify the traditional legal documentation process by allowing users to create agreements, submit necessary details online, and complete the registration process through a digital platform.

The specific objectives of the project include:

- To develop a responsive and visually appealing web application
- To provide detailed information about legal services such as rent agreement registration
- To simplify the process of creating and registering legal documents online
- To allow users to easily access and manage legal documentation services
- To allow users to easily access and manage legal documentation services

Scope of the Project

The scope of the project involves developing a modern web platform that allows users to access legal services online.

The website allows users to:

- Create and manage rent agreements online
- Submit required information and documents through the platform
- Navigate easily through different pages and services
- Access legal service information through a user-friendly interface

The website will allow users to:

- Create and manage rent agreements online
- Submit required details and documents for legal registration
- Explore different legal services and documentation options
- Navigate through different pages of the platform easily
- Contact the service provider through the website for support or assistance

The system can be further enhanced in the future by adding features such as:

- Online agreement creation and document submission system
- Customer login and registration functionality
- Secure payment gateway integration
- User feedback and service rating system

Future Scope

The system can be enhanced in the future by adding advanced features such as:

- Online agreement creation and document verification system
- Customer login and registration functionality
- Secure payment gateway integration for service payments
- User feedback and service rating system
- Admin dashboard for managing agreements, users, and website content

About the Project

The **BookMyDeed** Web Platform is designed to provide a digital platform for offering online legal documentation services such as rent agreement registration and related services.

In today's digital era, having an online platform for legal services helps users save time and simplifies traditional paperwork processes. The system allows users to submit required details online and complete legal documentation processes through a digital platform.

The website provides information about legal services, allows users to create agreements, and helps them navigate through the process easily using a user-friendly interface.

The design focuses on modern UI elements, responsive layouts, and easy navigation so that users can access the platform efficiently on different devices such as desktops, tablets, and smartphones.

The project demonstrates the implementation of modern web development technologies and provides an understanding of how real-world online service platforms are designed and implemented.

Hardware Requirements

- Processor: Intel Core i3 or higher
- RAM: Minimum 4GB
- Hard Disk: 500GB or more
- Internet connection

Software Requirements

- Operating System: Windows 10 or Windows 11
- Web Browser: Google Chrome, Microsoft Edge
- Code Editor: Visual Studio Code
- Database System: MySQL

Technologies Used

- HTML5 – Structure of the web application
- CSS3 – Styling and layout design
- Bootstrap – Responsive framework
- JavaScript – Interactive functionality
- jQuery – Simplified JavaScript operations
- JSON – Data representation format
- AJAX – Asynchronous data communication
- Node.js – Backend runtime environment
- Express.js – Web application framework
- MySQL – Database management system

Frontend: HTML5, CSS3, Bootstrap, JavaScript

Backend: Node.js, Express.js

Database: MySQL

4. SRS Requirement Model

Functional Requirements

Functional requirements describe the basic operations that the system must perform.

- Functional requirements describe the basic operations that the system must perform.
- Users should be able to access the website from a web browser.
- Users should be able to **create and manage rent agreements online**.
- Users should be able to **submit required details and documents for legal services**.
- Users should be able to navigate between pages easily.
- Users should be able to **view information about available legal services**.
- Users should be able to access the contact information for support.

Non-Functional Requirements

Non-functional requirements describe system performance and quality attributes.

- The website should be responsive on different devices.
- The system should provide fast loading performance.
- The interface should be user-friendly and easy to navigate.
- The website should be secure and reliable.

Use Case Diagram (Description)

Actors:

- User
- Admin

User actions:

- Visit website
- Create rent agreement
- Submit details and documents
- Navigate through pages
- View service information

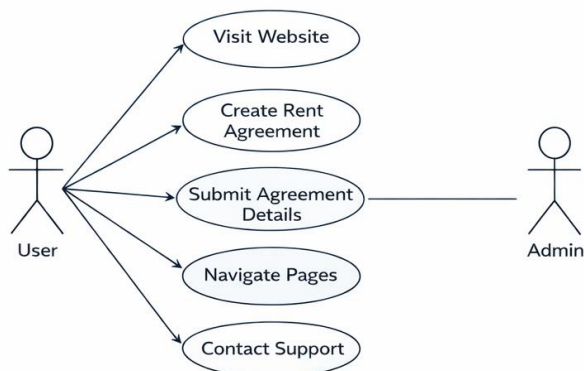
Admin actions:

- Manage website content
- Manage agreement data
- Maintain user and website data

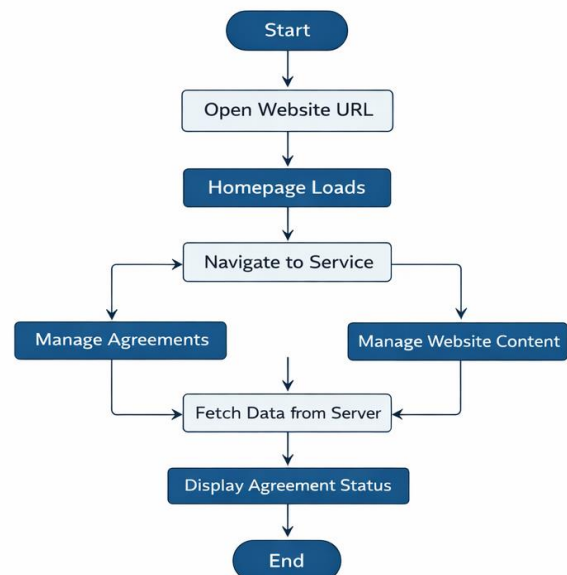
Activity Diagram (Description)

1. User opens the **BookMyDeed** website URL in the web browser.
2. The homepage of the BookMyDeed platform loads successfully.
3. The user navigates to different sections such as rent agreement services or other legal services.
4. The user enters required details and submits the information through the website.
5. The system retrieves and processes the information from the server or database.
6. The information and service status are displayed to the user on the website interface.

Use Case Diagram of BookMyDeed Platform



Activity Diagram of BookMyDeed Platform



5. Structural Models (UML)

Class Diagram (Description)

The class diagram represents the structure of the system by defining classes, attributes, and relationships.

Classes used in the system include:

User

- userID
- name
- Email

Agreement

- agreementID
- tenantName
- ownerName
- propertyAddress
- RentAmount

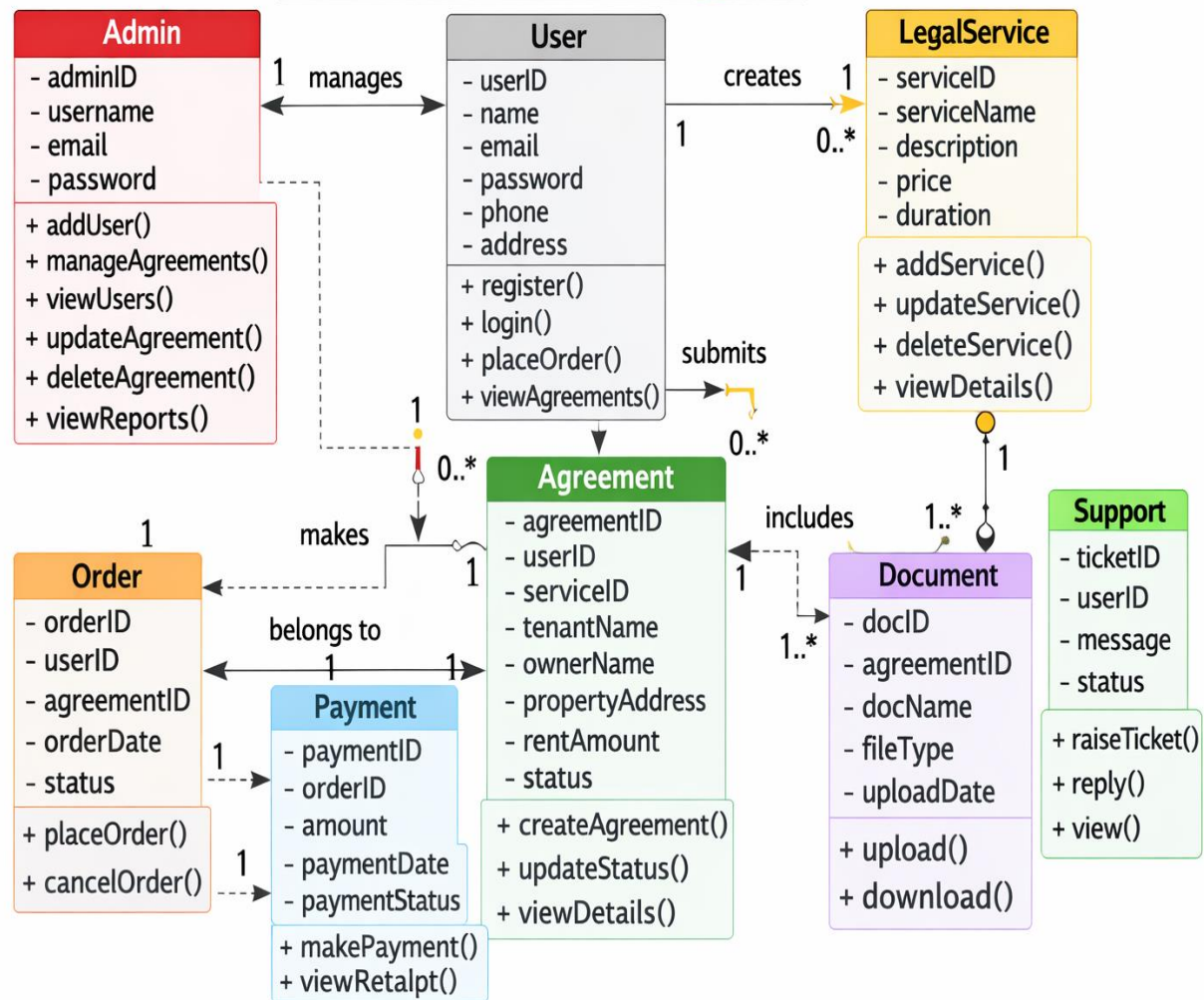
Admin

- adminID
- username
- password

Relationships:

- The Admin class manages agreement data and website content.
- Users interact with the agreement information and legal services available on the platform

BookMyDeed - Class Diagram



```

+-----+
| User |
+-----+
| userID |
| name |
| email |
+-----+
|
| creates / views
v
+-----+
| Agreement |
+-----+
| agreementID |
| tenantName |
| ownerName |
| propertyAddress |
| rentAmount |
+-----+
^
|
| manages
+-----+
| Admin |
+-----+
| adminID |
| username |
| password |
+-----+

```

6. Behavioral Models (UML)

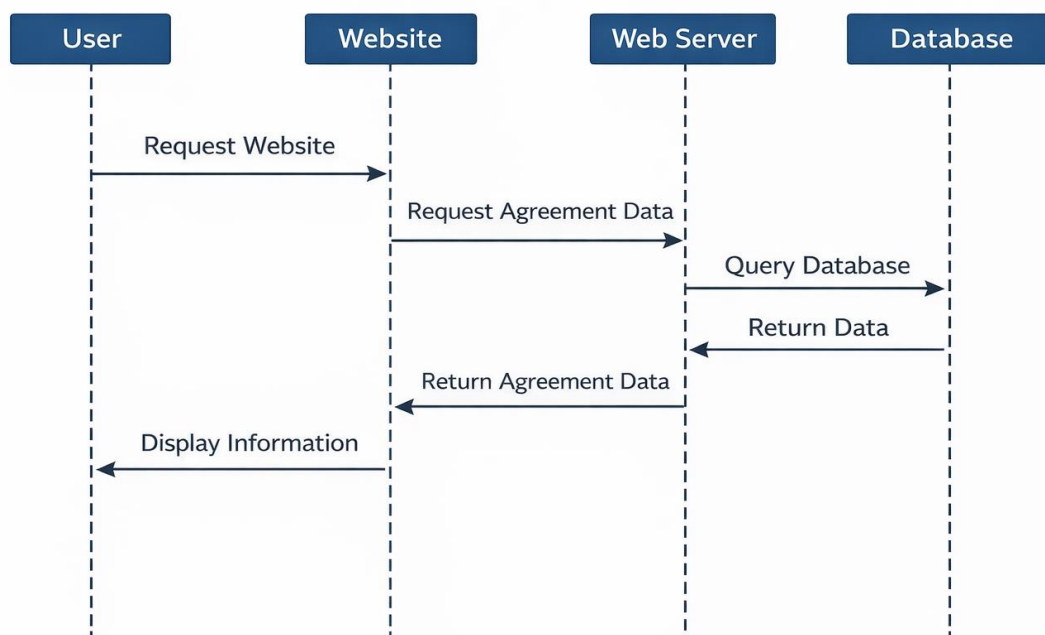
Sequence Diagram

The sequence diagram shows the interaction between the **user, website, web server, and database** in the BookMyDeed platform.

Sequence flow:

1. The user sends a request to access the BookMyDeed website.
2. The web server receives the request and processes it.
3. The server retrieves required agreement or service data from the database.
4. The retrieved data is sent back to the website interface.
5. The website displays the agreement or service information to the user.

Sequence Diagram of BookMyDeed Platform

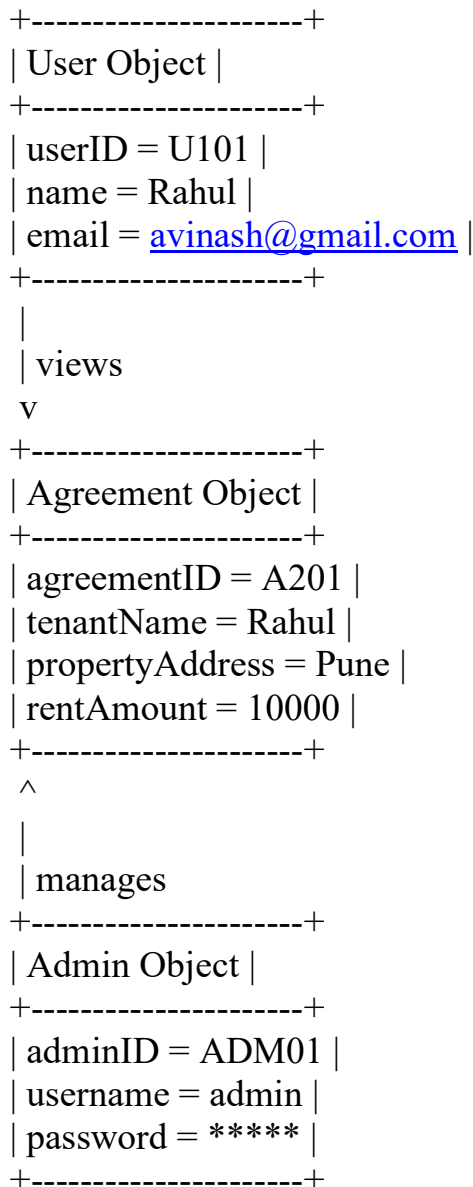


Object Diagram

Objects represent specific instances of classes within the system, such as:

- User Object
- Agreement Object
- Admin Object

These objects interact with each other during system operations.



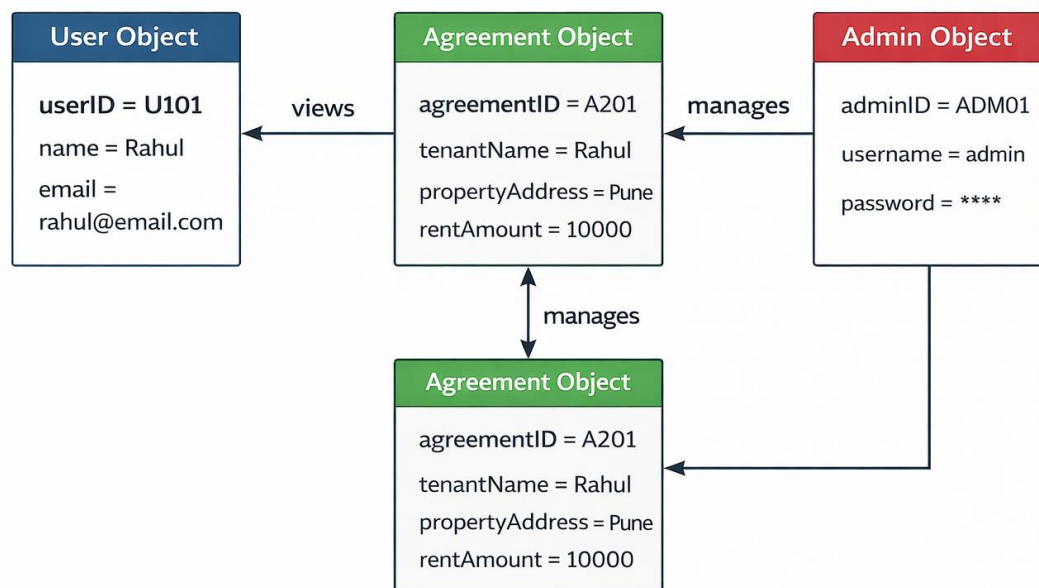
State Transition Diagram

The state transition diagram describes different states of the system.

States include:

- Initial State (Website Start)
- Homepage Display
- Legal Service / Rent Agreement Page Display
- Agreement Details Submission
- Contact Page Display
- End State

Object Diagram of BookMyDeed Platform



Component Diagram

The component diagram represents the overall architecture of the BookMyDeed platform and shows how different system components interact with each other.

The system consists of several components:

Frontend Layer

This layer handles the user interface and client-side interaction.

- HTML – Structure of the web pages
- CSS – Styling and layout design
- Bootstrap – Responsive UI framework
- JavaScript – Interactive functionality and client-side logic

Backend Layer

This layer handles server-side processing and application logic.

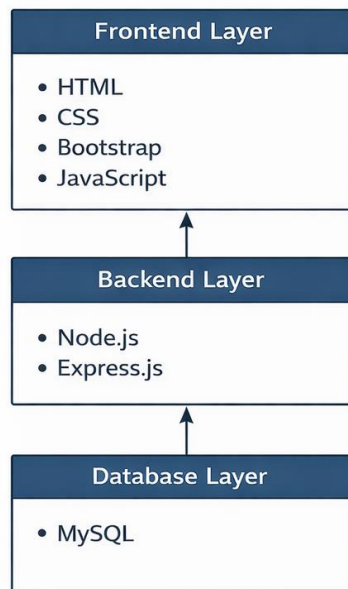
- Node.js – Server-side runtime environment
- Express.js – Web application framework used to build APIs and manage routes

Database Layer

This layer is responsible for data storage and management.

- MySQL – Database management system used to store user data, agreement details, and system information

Component Diagram of BookMyDeed Platform



Deployment Diagram

Client (User Browser)



Web Server (Node.js Application Server)



Database Server (MySQL)

Final Implementation Table Design

Agreement Table

agreement_id
tenant_name
owner_name
property_address
rent_amount
agreement_date

User Table

user_id
name
email
phone

Contact Table

contact_id
name
email
phone
message

Data Dictionary

The data dictionary provides detailed information about database fields.

Example:

agreement_id – Unique identification number for each agreement

tenant_name – Name of the tenant

owner_name – Name of the property owner

property_address – Address of the property

rent_amount – Monthly rent amount

Menu Structure

Home

About

Services

Create Agreement

Contact

Website Map

Home

└ About

└ Services

└ Create Agreement

└ Contact

List of Screens

Homepage

Services Page

Agreement Creation Page

About Page

Contact Page

Test Cases

Test Case 1

Verify that the homepage loads correctly when the website URL is opened.

Test Case 2

Verify that legal services and agreement information are displayed properly.

Test Case 3

Verify that all navigation links such as Home, About, Services, and Contact work correctly.

Test Plan

Testing will be conducted to ensure the functionality, usability, and performance of the BookMyDeed platform.

The testing process will include:

- Verifying page loading speed
- Checking navigation functionality
- Testing agreement creation and form submission
- Ensuring responsiveness across multiple devices

User Manual

1. Open a web browser such as Google Chrome.
2. Enter the BookMyDeed website URL in the address bar.
3. The homepage of the BookMyDeed platform will appear.
4. Use the navigation menu to explore different sections such as Services, Create Agreement, About, and Contact.
5. Select the required legal service and enter the required details to create an agreement.

