



# **Automated Meeting Room Booking System**

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The current meeting room booking process can be time-consuming and inefficient. Employees have to manually check availability, send emails or make phone calls to book a room. This can lead to double bookings, wasted time, and frustration. An automated system can streamline this process and eliminate these issues.



# Introduction



The Automated Meeting Room Booking System is designed to streamline the process of booking meeting rooms within our company. This system serves three types of users: Admins, Managers, and Members, each with specific roles and responsibilities. All data is stored in a secure database.

# Screens & Use-cases

1. Home Page: Provides information about the application, lists meeting rooms, and offers links to import users and login.
2. Import Users: Allows users to load data from an internal file.
3. Login: Authenticates users and redirects them to the appropriate pages.
4. Admin Page: Enables admins to create and manage meeting rooms.
5. Create Room: Lets users create new meeting rooms with various amenities.
6. Edit Room: Allows room details to be edited.
7. Manager Page: Allows managers to view meetings and book rooms.
8. Organize Meeting: Lets managers create meetings and book rooms.
9. Update Credits: A background task to reset manager credits.
10. Member Page: Displays meeting schedules for members.



This is our Application's homepage. Home page provides the entry point for the application.



There are 4 categories of meeting room, each with different capacity and ratings.

ROOMBOOK

[Home](#) [About Us](#) [Import Users](#) [Login](#)

## Meeting Rooms



**Board Room**

Seating Capacity : 20

Meetings Conducted : 3

Rating : 4



**Projector Room**



**Classroom training**



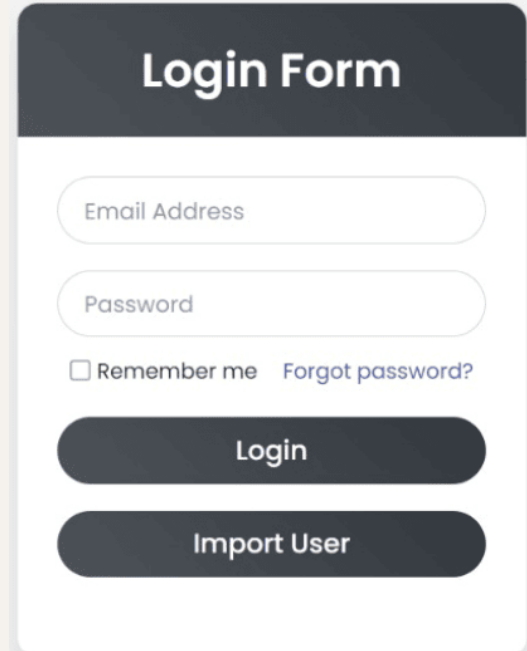
**Conference Hall**

# User Access

This is navigated from the homepage.

There are 3 types of user access-

1. Admin- can perform all 4 CRUD operations
2. Manager- can perform Create and Read operation
3. Member- can only perform Read operation



A UI mockup of a login form. It features a dark blue header with the text "Login Form" in white. Below the header are two white input fields with rounded corners, labeled "Email Address" and "Password". Under the password field is a checkbox labeled "Remember me" and a link "Forgot password?". At the bottom are two dark blue buttons with white text: "Login" and "Import User".

**Login Form**

Email Address

Password

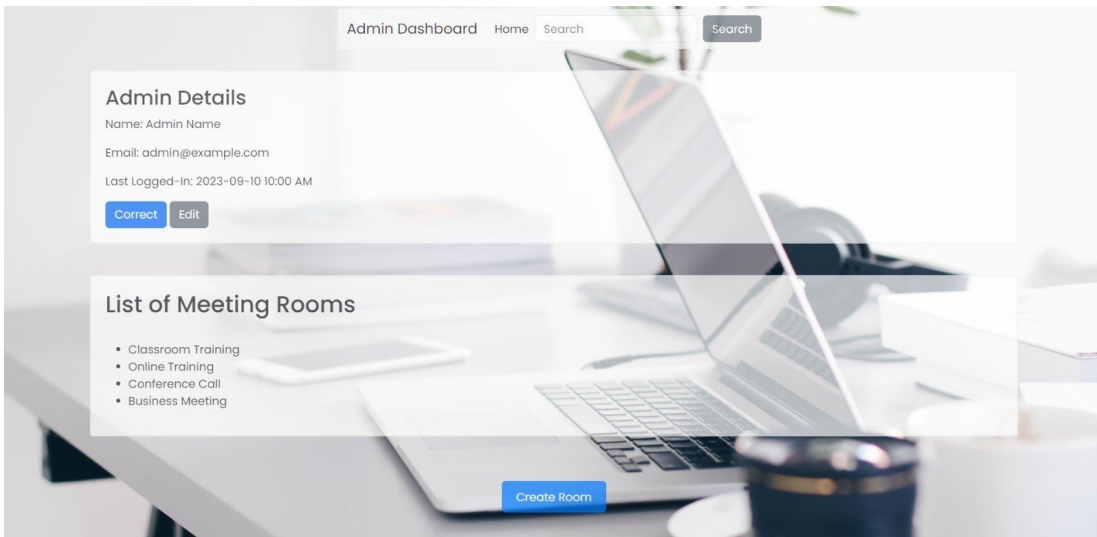
☐ Remember me [Forgot password?](#)

Login

Import User

# 1. Admin Page

If the username and password entered correctly in the login page and if the User is Admin, it'll b directed to this page.





The create button from the Admin Page will redirect to this page where admin can create a new meeting room.

RoomBook

Home Admin Import Users

Create Meeting Room

Amenities Available (Select at least 2):

Projector

Wi-Fi Connection

Conference call facility

Whiteboard

Water dispenser

TV


Coffee machine


Save


Cancel


Contact Us

Send us an Email









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The edit button from the Admin Page will redirect to this page where admin can edit a new meeting room.

### Edit Meeting Room

Select Meeting Room

▼

roomName

Seating Capacity

Amenities Available (Select at least 2):

Projector

Wi-Fi Connection

Conference call facility

Whiteboard

Water dispenser

TV

Coffee machine

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Save

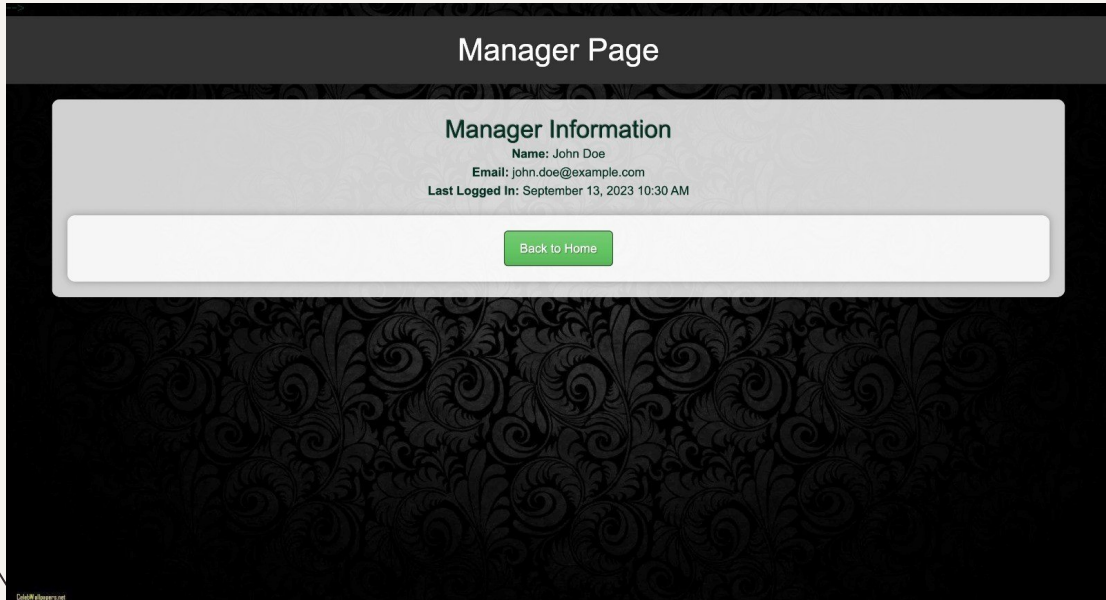
Cancel

## 2. Manager Page

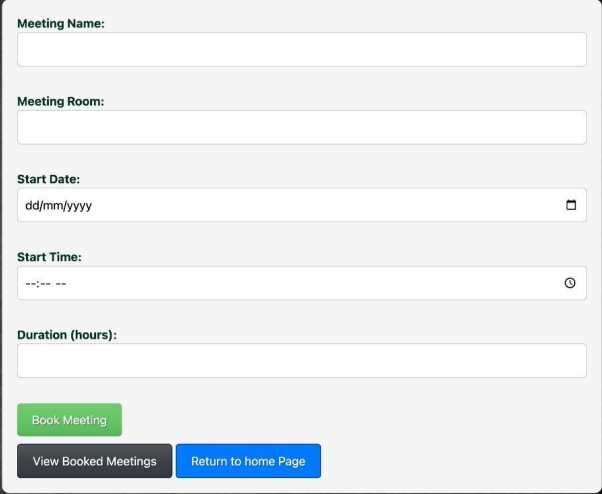
If the username and password entered correctly in the login page and if the User is Manager, it'll b directed to this page.



This is the Dashboard page which is redirected from manager page and displays the profile of the manager.



This is the Add Meeting page which is redirected from manager page and displays a form to enter the respected details.



The screenshot shows a web form for adding a meeting. The form is centered on a dark, textured background. It contains five input fields with labels: 'Meeting Name:', 'Meeting Room:', 'Start Date:', 'Start Time:', and 'Duration (hours):'. The 'Start Date' field has a placeholder 'dd/mm/yyyy' and a calendar icon. The 'Start Time' field has a placeholder 'hh:mm:ss' and a clock icon. Below the input fields are three buttons: a green 'Book Meeting' button, a dark grey 'View Booked Meetings' button, and a blue 'Return to home Page' button.

**Meeting Name:**

**Meeting Room:**

**Start Date:**

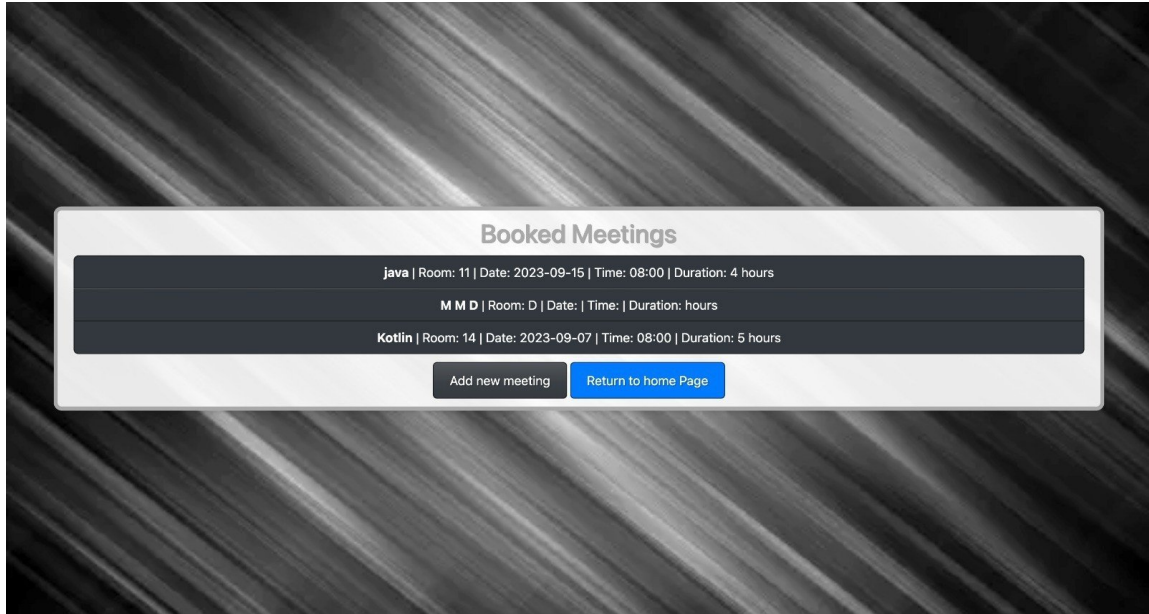
**Start Time:**

**Duration (hours):**

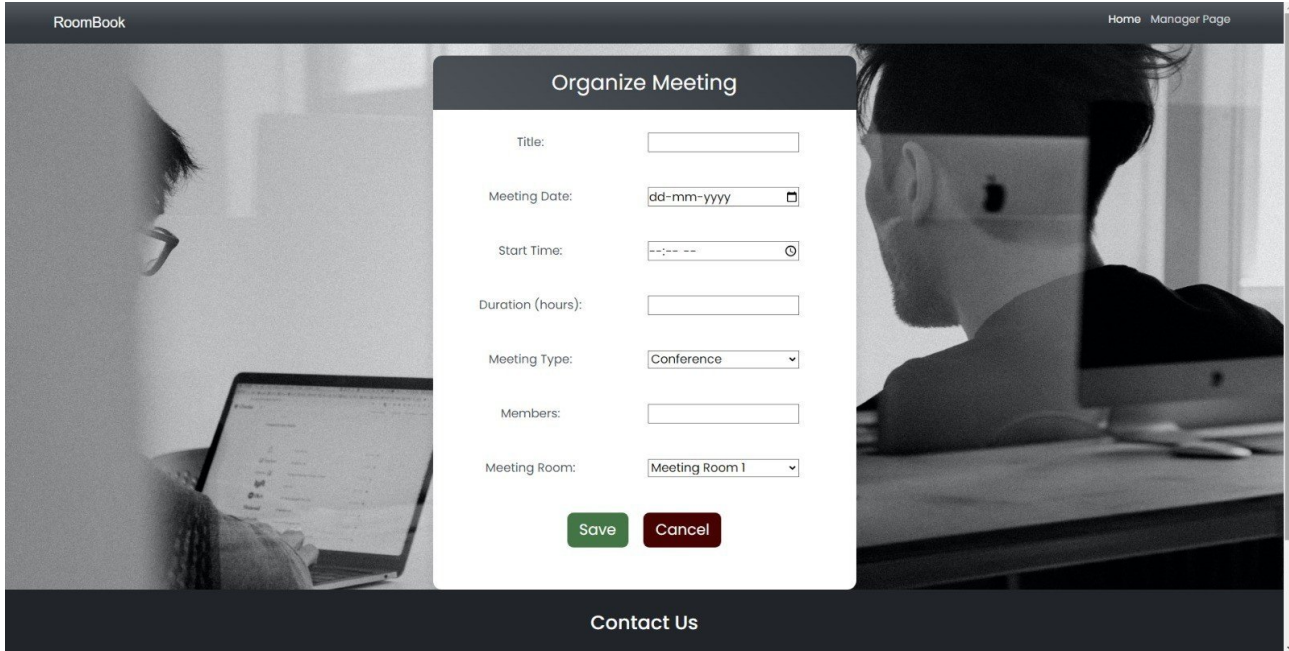
[Book Meeting](#)

[View Booked Meetings](#) [Return to home Page](#)

This is a Meeting page which is redirected from manager page and displays the booked meetings of the manager.



The manager can organize meeting by filling in the respective details.



The screenshot displays the 'RoomBook' application interface. At the top, a dark header bar contains the 'RoomBook' logo on the left and navigation links 'Home' and 'Manager Page' on the right. The background of the page is a grayscale image of a person working at a desk with a laptop and a monitor. A white modal form titled 'Organize Meeting' is centered on the screen. The form contains the following fields: 'Title' (text input), 'Meeting Date' (calendar icon and 'dd-mm-yyyy' placeholder), 'Start Time' (time picker with '---:--' placeholder), 'Duration (hours):' (text input), 'Meeting Type' (dropdown menu with 'Conference' selected), 'Members' (text input), and 'Meeting Room' (dropdown menu with 'Meeting Room 1' selected). At the bottom of the form are two buttons: a green 'Save' button and a dark red 'Cancel' button. A dark footer bar at the very bottom contains the text 'Contact Us'.

RoomBook

Home Manager Page

### Organize Meeting

Title:

Meeting Date:

Start Time:

Duration (hours):

Meeting Type:

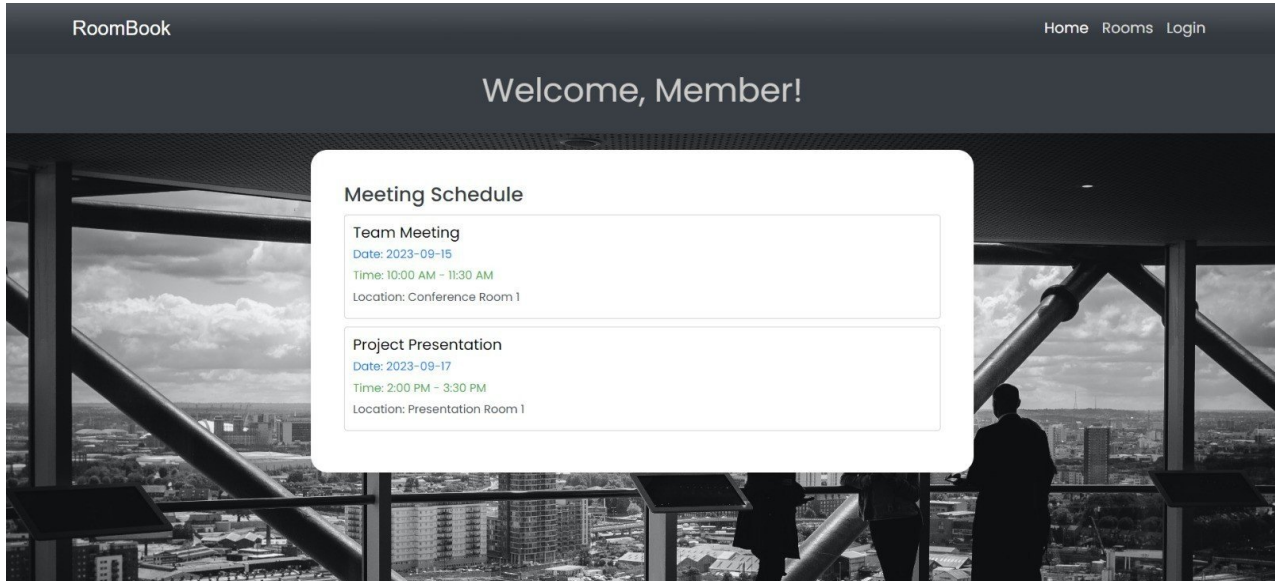
Members:

Meeting Room:

Contact Us

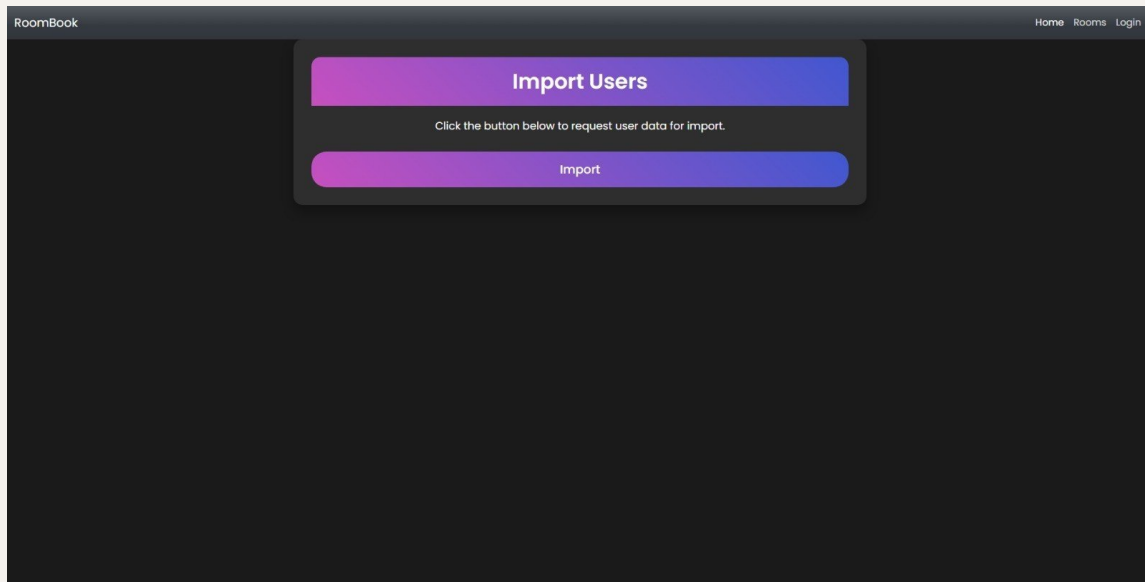
### 3. Member

This is a Member page which is redirected from login page and a member only has the access to view the meetings.





The User can view the members by using import user button from the login page.



Clicking on Import button, user will be able to see the list of users.

RoomBook

HomeRoomsLogin

Import Users

Click the button below to request user data for import.

Import

Name:	Email:	Phone:	Role:
Sushant Apte	sushantapte123@gmail.com	8281567915	Admin
Himani Sen	himaniS@gmail.com	8281765489	Member
David Fin	davis@gmail.com	7281765679	Admin
Serena Kohl	skohl@gmail.com	9781765076	Member
Kavitha Nath	knath@gmail.com	8281769569	Manager
Ganga Bhatiya	gangab@gmail.com	9281095234	Member
Aravali Singh	aaravali34@gmail.com	8281765094	Manager

The image features a light gray background with two thin, dark gray horizontal lines. A curved line enters from the top left, arching upwards and then downwards. Another curved line enters from the bottom right, arching upwards and then downwards.

**Thank you!**