Main navigation

Login/Register

Home page

Booking | Professor Approval | History

Subpages

Avalible rooms | approval history

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1. Authentication (Login & Registration)
• **User Roles:** The system will first require a user to log in or register.
• **Role Identification:** The login process will identify the user as one of two types:
  ◦ **Student**
  ◦ **Professor**
• The user's role determines which features and menus they can access.
2. Homepage (User Dashboard)
After logging in, the user is directed to a dashboard specific to their role.
• **Student Dashboard:** Presents two navigation options:
  a. Make a Booking
  b. View My History
• **Professor Dashboard:** Presents three navigation options:
  a. Make a Booking
  b. View My History
  c. Approve Requests
3. Booking Process
This module allows users to find and request a classroom.
• **Date Selection:** The user begins by choosing the desired date for their booking.
• **Room Availability View:** The system then displays a list of all selection rooms and room details.
• **Color-Coded Status Key:** Each room's status is clearly marked with a color:
  ◦ **Yellow:** Amount of user request for this room.
  ◦ **Red:** Amount of user booked and approved.
• **Student Booking:** When a student books an available time, they must provide a reason for the booking. The request is then sent to the professor approval queue, and the room's status changes to **yellow** (pending).
4. Professor Approval Module
This module is exclusive to users with the "Professor" role.
• **Pending Requests Queue:** Professors see a list of all pending classroom requests submitted by students.
• **Request filtering:** Professors able to filter request by room or date or range of time or multiple of them
• **Request Details:** Each request shows the student's name, the requested room, the date/time, and the student's stated "reason for use."
• **Approve/Decline Actions:** The professor can choose to **Approve** or **Decline** each request.
• Cascade decline after approval:Whenever professor approve a request other request that intersecting that request would automatically decline.
• **Approval History Log:** This section also features a complete history of all past approval decisions (both approved and declined), noting which room, what time, and which professor handled the request.
5. User History Page
This page is available to both students and professors to see their *own* booking activity.
• **Personal Booking List:** Shows a list of all past, present, and pending bookings made by that specific user.
• **Status Indicators:** Each item in the history is color-coded for quick reference:
  ◦ **Green:** Approved (for an upcoming booking)
  ◦ **Red:** Declined by a professor
  ◦ **Yellow:** Pending (waiting for professor approval)
  ◦ **Grey:** Completed (a booking that is now in the past)