

Booking Connoisseur

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<https://bookingconnoisseur.pythonanywhere.com/>

Login as Professor:

Email: professor@professor.com

Password: 123456789

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Email: student@student.com

Password: 123456789

Objective

- ◆ All-in-one room booking solution.
- ◆ Includes a website to search for and book rooms
- ◆ A terminal to control room access and display its schedule
- ◆ Easy and flexible setup for any layout
- ◆ User friendly Interface for both users and admins
- ◆ Can work for any businesses of any size



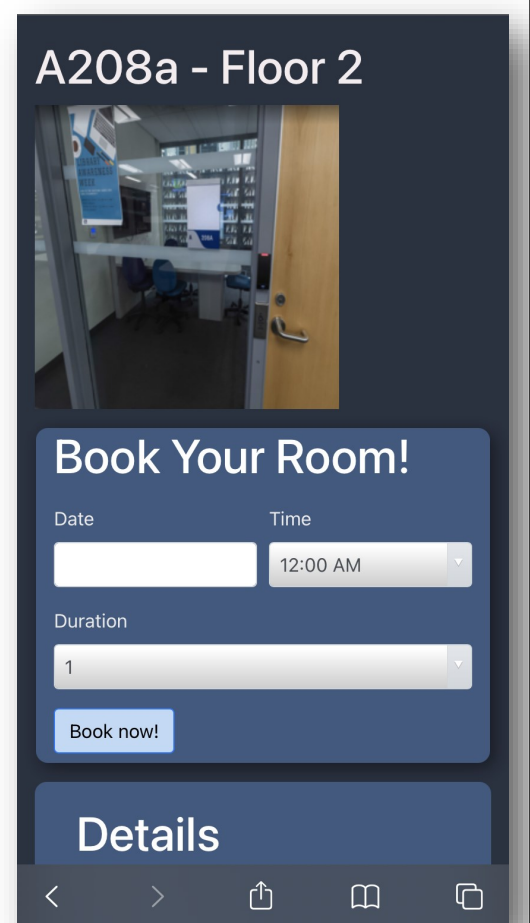
Issues with Sheridan's booking system

- ◆ Site is difficult to navigate, especially for first time users
- ◆ Difficult to book and view schedule
- ◆ Lack of information on room features
- ◆ Key card access allows anyone in the room

Features

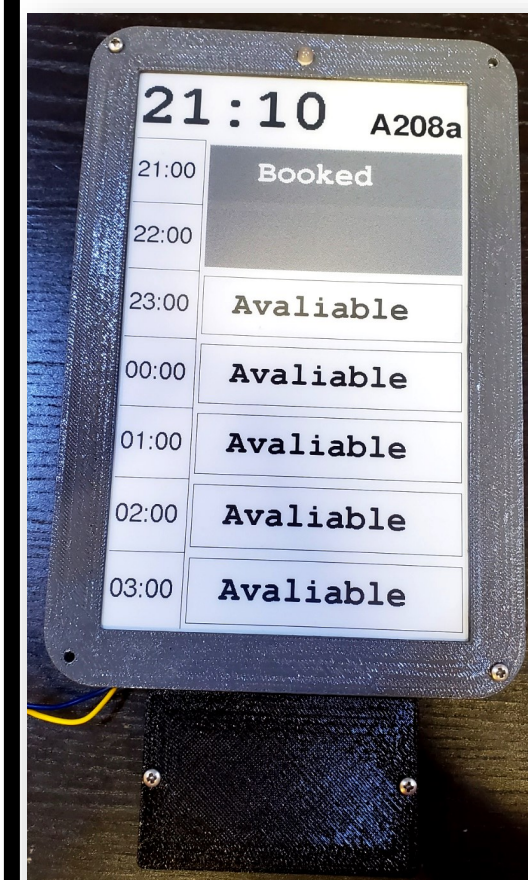
Website

- ◆ Search for rooms based on location, number of seats, outlets and other room features
- ◆ Preview of room interior/exterior
- ◆ Navigable room schedule
- ◆ Works across many screen size
- ◆ Administration section for easy setup and management
- ◆ Create roles and set room permissions

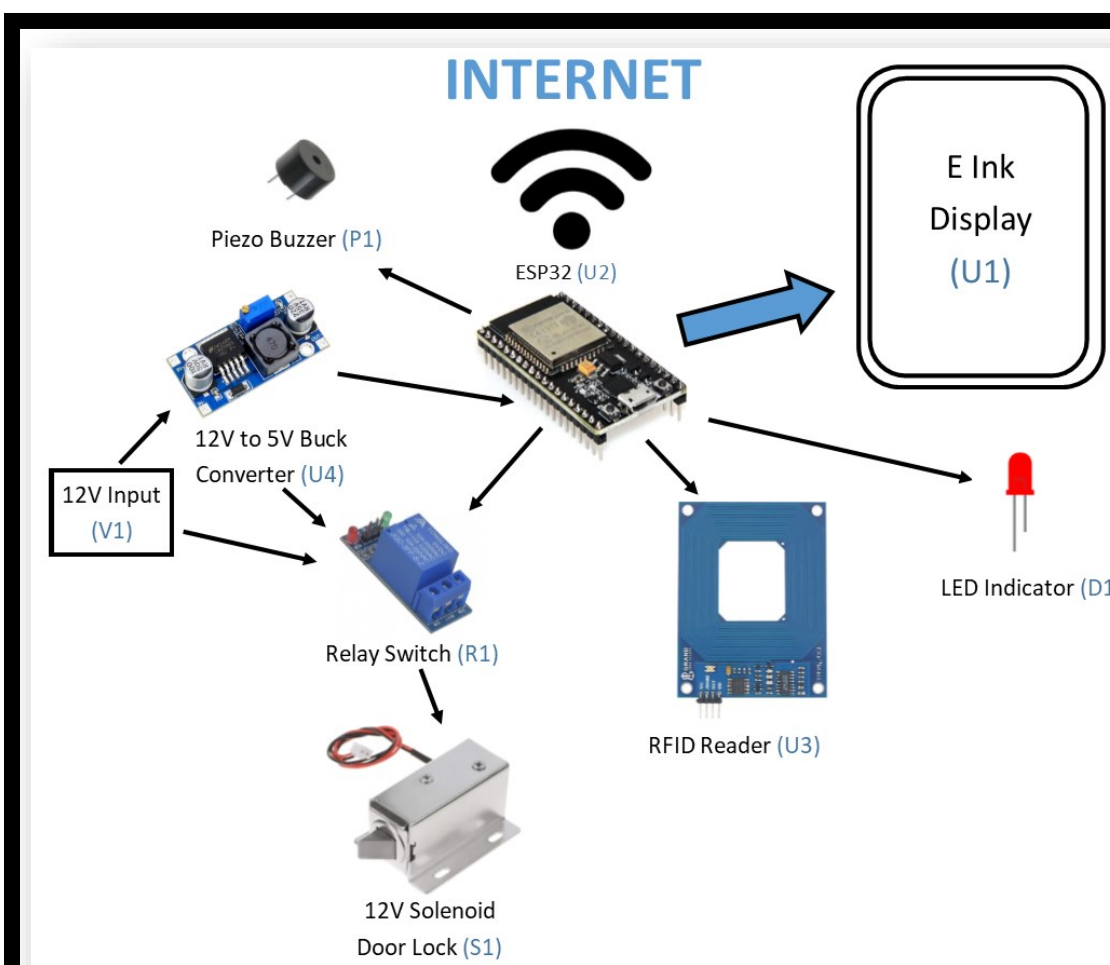


Wi-Fi Connected Terminal

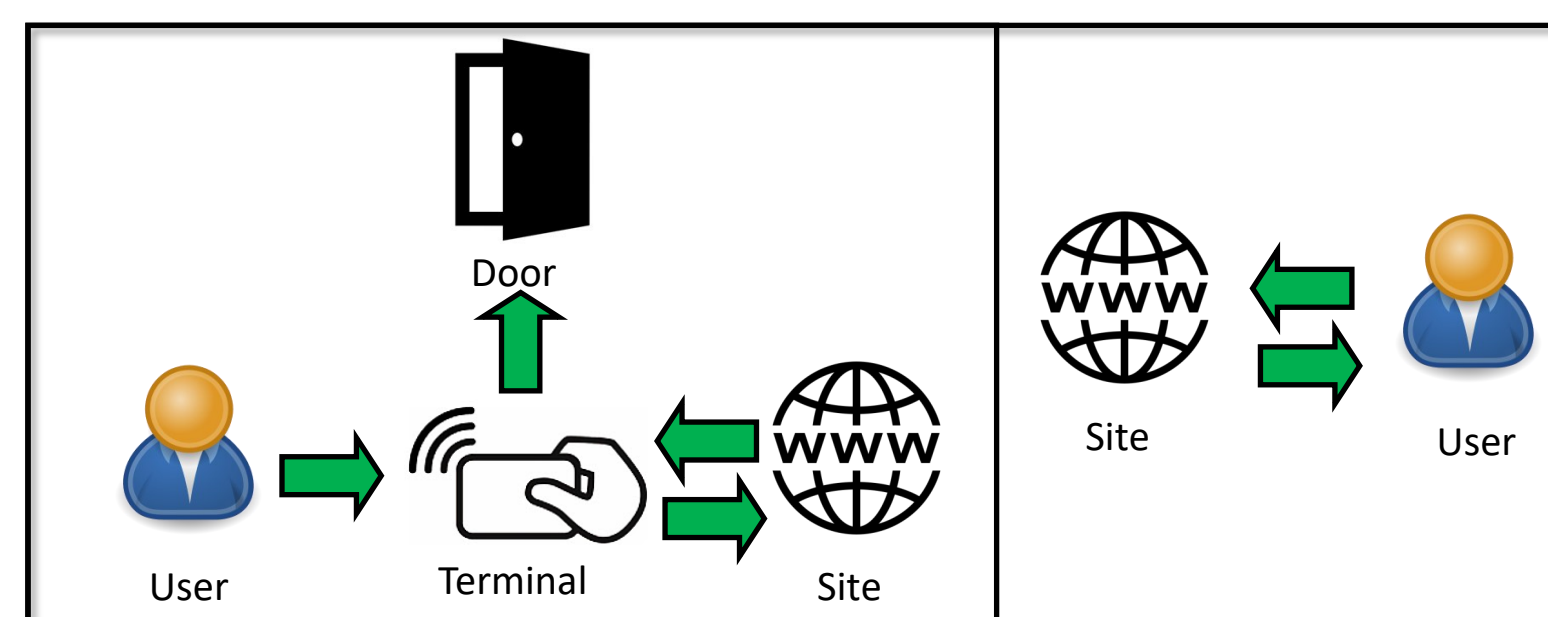
- ◆ Shows up-to-date rooms schedule
- ◆ Card scanner to request room access
- ◆ Buzzer and LED to provide feedback to users
- ◆ Can book room on the terminal for the remaining hour
- ◆ Door lock to control access to the room



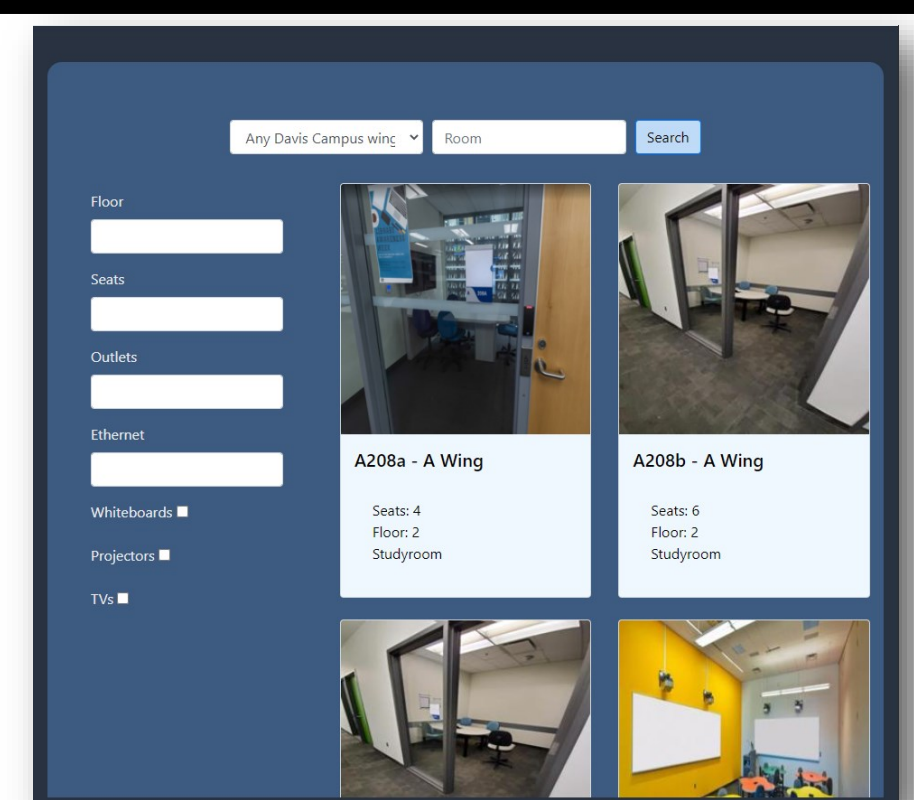
Diagrams and Pictures



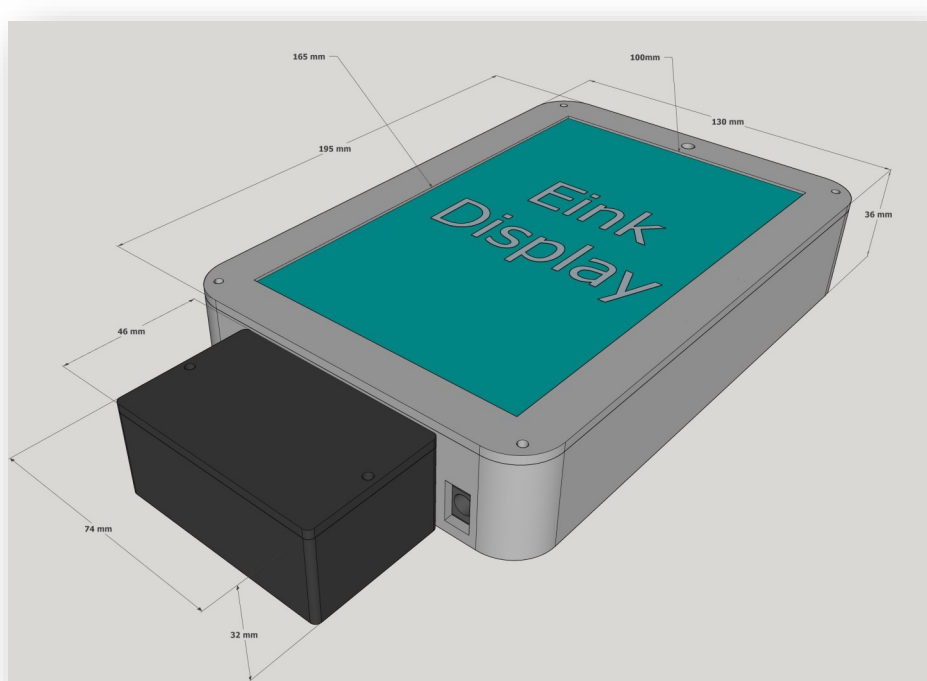
Terminal Block Diagram



System Diagram



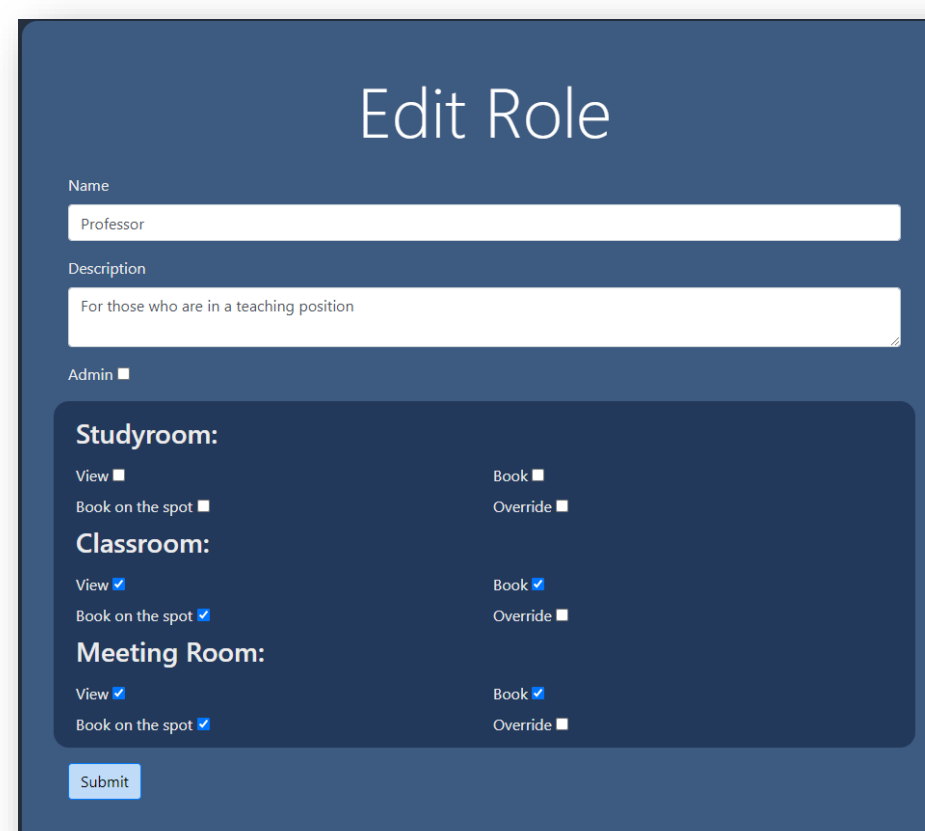
Room search page



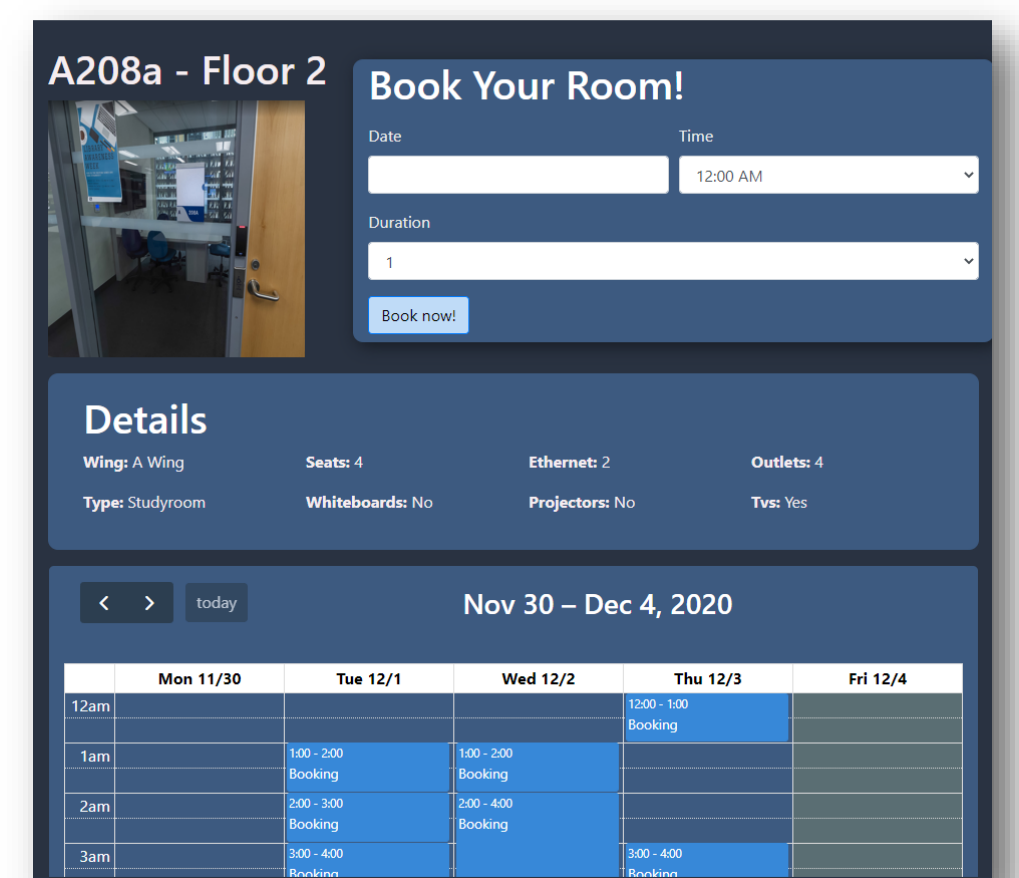
Wi-Fi terminal render



Wi-Fi terminal



Edit roles and permissions for admins



Room page