

Title:

Room Booking Website

Members:

Julia Tennant, Slav Ivanov, Kostadin Georgiev, Hristo Petkov, Steven Brown

Overview:

The system we have designed is a website that allows users to book rooms that have been added by the room owners belonging to an institution. Users can select what time they want to book the rooms between, as well as filter their options based on availability and requirements. Room owners can view what rooms are available in their institution, as well as what bookings have been made to rooms belonging to their institution. Both owners and users can access and change their data held by the site, as well as change their password or get sent a new one should they forget it.

Good Points

- System looks clean and professional, minimalistic look means it's not cluttered
- System makes good use of JavaScript to enhance user experience
- Red routes can be carried out with relative ease by most users
- Navigation is very easy thanks to nav bar and again minimalistic layout
- Owners cannot access user home pages and vice versa
- Works on mobile

Weaknesses

- Lacking security, especially for owners ie. anyone can sign in and say they're an owner of a certain institution. Owner verification would be required.
- There is no way for users to edit bookings or for owners to edit rooms, this was an intended feature of the system but we fell short on time.
- Initial plan was to have owners verify requests to book a room and to then an email was to be sent automatically to the user informing that their booking request was approved but we again ran out of time to implement this.

The screenshot shows a web browser window with the URL `devweb2018.cis.strath.ac.uk/cs312groupk/ownerhome.php`. The page has a navigation bar with links: [Book A Room](#), [Dashboard](#), and [Add room](#). On the right, it says "Hi, Julia" with buttons for [Your Details](#) and [Log out](#).

The main content area is divided into two sections:

Rooms

Room Number	Institute	Capacity	Hours Available	
LT1105	Strathclyde	150	09:00:00 - 16:00:00	Delete
RC426	Strathclyde	300	10:00:00 - 16:00:00	Delete
SW34	Strathclyde	100	09:30:00 - 16:00:00	Delete
SW105	Strathclyde	30	13:00:00 - 16:58:00	Delete

Bookings

Meeting Name	User	Room No.	Time	Date
IT Presentation	Slav	RC426	10:00:00 - 12:00:00	2018-11-28

<http://devweb2018.cis.strath.ac.uk/cs312groupk/index.html>

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