Digital Portfolio

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PROJECT TITLE

Room booking

AGENDA

1.Problem Statement
2.Project Overview
3.End Users
4.Tools and Technologies
5.Portfolio design and Layout
6.Features and Functionality
7.Results and Screenshots
8.Conclusion
9.Github Link

PROBLEM STATEMENT

Managing room reservations manually is time-consuming and error-prone.

Users face issues like double-booking, unavailability tracking, and lack of centralized data.

Need for an automated, user-friendly solution to streamline the process.

PROJECT OVERVIEW

A web-based application that allows users to book rooms online.

Provides an easy-to-use interface for booking, viewing, and managing rooms.

Supports real-time updates for room availability.

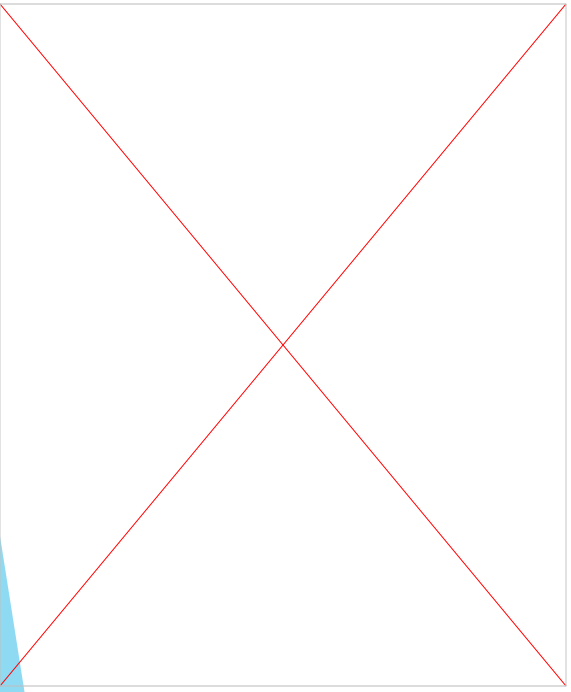
WHO ARE THE END USERS?

Students and Staff for classroom bookings

Companies for meeting room reservations

Event organizers for conference hall booking

TOOLS AND TECHNIQUES



Frontend: HTML, CSS, JavaScript

Backend: (Optional: Node.js, PHP, or Python Flask/Django)

Database: MySQL / MongoDB

Hosting: GitHub Pages / Local Server

POTFOLIO DESIGN AND LAYOUT

Home Page: Introduction and Login/Register

Booking Form: Name, Room Type, Dates

Booking List: Displays current reservations

Responsive UI: Works on desktop and mobile

(Insert screenshots or wireframes if you have them)

FEATURES AND FUNCTIONALITY

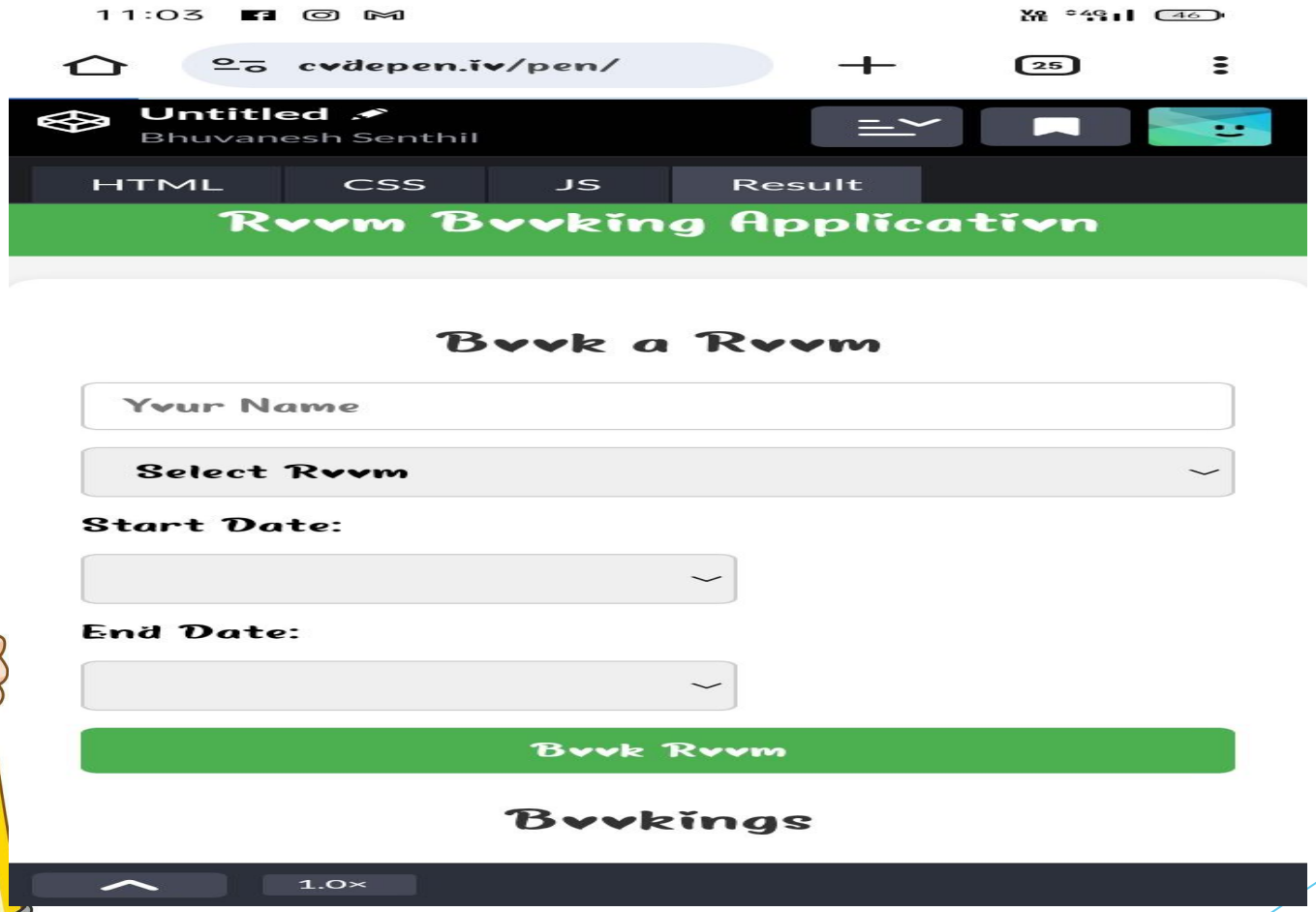
Room selection (Conference, Meeting, Office)

Date range selection

Booking confirmation and list display

Optional: Room availability check, Local Storage persistence

RESULTS AND SCREENSHOTS



CONCLUSION

Simplifies room booking process

Reduces manual errors and double-bookings

Easy-to-use, responsive design