Project Report: *hotel_booker*

Project Title:

hotel_booker

Repository:

Lavanyasrivastav/hotel_booker on GitHub [GitHub](#)

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1. Executive Summary

This project is a hotel booking user-interface web application (front-end only) created using HTML, CSS, JavaScript. It seems to implement pages such as sign-in, search results, and other supporting UI screens. The goal is to provide a simple, interactive booking experience.

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2. Objectives / Purpose

- To provide a web interface where users can search for hotels, view results, and sign in.

- To offer an intuitive, user-friendly design for hotel selection.

- To practice front-end development skills: responsive design, client-side scripting (JS), aesthetic styling (CSS).

3. Technologies Used

- HTML (static pages) for structure [GitHub](#)

- CSS for styling, presumably responsive / styled layout [GitHub](#)

- JavaScript for interactivity, such as search behavior, maybe dynamic user input control [GitHub](#)

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4. Features / Functionality

From browsing the files:

Feature	Description
Sign-in page	Page for user login or authentication UI. [GitHub](#)
Search Results page	Displays hotel search results after a query. [GitHub](#)
UI/UX Visuals	Use of images, search bars, layout with styled cards or listings. [GitHub](#)
Static content	No back-end code seen; functionality appears front-end only. [GitHub](#)

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5. Methodology / Implementation Notes

- Development appears to use separate HTML files for different views (e.g. `signin.html`, `search-results.html`, `index3.html`). [GitHub](#)

- Styling in CSS file(s) e.g. `style3.css`. [GitHub](#)

- JavaScript for client-side behavior in `script3.js`, and `search-results.js`. GitHub

- Use of images (e.g. `pexels-photo-70441.jpeg`) for UI aesthetics. GitHub

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6. Status & Results

- The UI skeleton is in place: main pages, layout, CSS styling, basic JS.

- Presumably prototype level: since there is no back-end or database, features like user persistence, real hotel data, booking confirmation are likely not yet implemented.

- No published releases. GitHub

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7. Strengths & Areas for Improvement

Strengths:

- Clean separation of pages; modular approach with CSS/JS files.

- Aesthetic use of imagery and layout indicates good UI/UX focus.

- Project is well organized for a front-end prototype.

Areas for Improvement:

- Add a back-end or data source for real hotel information (e.g., API or database).

- Implement form validation, security, user session management.

- Make responsive design mobile-friendly (if not already).

- Possibly integrate booking flow: selection, payment, confirmation.

- Add documentation: more descriptive README, instructions, scope.

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8. Conclusion & Future Scope

In conclusion, *hotel_booker* is a solid prototype of a hotel booking front-end interface. It lays a good foundation for UI, search, and user login screens. For future work, adding dynamic data, back-end integration, user accounts, booking management would make it a fully functional system. Also improving responsiveness, accessibility, and deployment would be beneficial.