

Full Stack Development with MERN

Project Documentation format

1. Introduction

Project Title: House Hunt

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GitHub: <https://github.com/nizamshaik03/House-Hunt.git>

Demo: https://drive.google.com/file/d/1Z1PtCex_PGKrvqf3D7iLWZeQz4bl5-Qs/view?usp=drive_link

2. Project Overview

Purpose: Online house rental platform.

Features:

- Search by category
- Secure login
- Wishlist/Trips

3. Architecture

Frontend: React.js

Backend: Node.js, Express

Database: MongoDB

4. Setup Instructions

1. Clone the repo
2. Run `npm install` in /client and /server
3. Start frontend: `npm start`
4. Start backend: `npm run dev`

5. Folder Structure

Client: /components, /pages, /redux

Server: /routes, /models, /controllers

6. Running the Application

Frontend: `npm start`

Backend: `npm run dev`

7. API Documentation

POST /auth/login

GET /listings

GET /listings/:id

8. Authentication

JWT auth with Redux state.

Only logged-in users can book.

9. User Interface

Screenshots attached in final section.

10. Testing

Manual testing with dummy users and listings.

11. Screenshots or Demo

Demo: https://drive.google.com/file/d/1Z1PtCex_PGKrvqf3D7iLWZeQz4bl5-Qs/view?usp=drive_link

(Insert screenshots below manually)

12. Known Issues

- No chat module
- Listings are manually added

13. Future Enhancements

- Payment integration
- Admin dashboard
- User chat support