Project Report Format

1. INTRODUCTION
1.1 Project Overview
House Hunt is a MERN stack application for renting homes.
1.2 Purpose
To simplify property rental through a web platform.

2. IDEATION PHASE
2.1 Problem Statement
Rental listings are scattered and unverified.
2.2 Empathy Map Canvas
User needs and frustrations considered during ideation.
2.3 Brainstorming
Idea evolved from common rental issues.

3. REQUIREMENT ANALYSIS
3.1 Customer Journey map
Login → Search → View Listings → Book.
3.2 Solution Requirement
Frontend (React), Backend (Node.js), MongoDB.
3.3 Data Flow Diagram
Frontend <-> Backend <-> Database
3.4 Technology Stack
React, Node.js, Express, MongoDB.

4. PROJECT DESIGN
4.1 Problem Solution Fit
Addresses difficulty in finding local rentals.
4.2 Proposed Solution
Easy UI and filtered search.
4.3 Solution Architecture
Client → Server → DB

5. PROJECT PLANNING & SCHEDULING
5.1 Project Planning
Planned in sprints: UI, API, and Integration

6. FUNCTIONAL AND PERFORMANCE TESTING
6.1 Performance Testing
Tested on local machine with dummy listings

7. RESULTS
7.1 Output Screenshots
(Insert your screenshots here: login, homepage, categories, listings)

8. ADVANTAGES & DISADVANTAGES
Advantages:

- Smooth UI
- Realistic listings
  Disadvantages:
- No real-time chat
- Manual listing entry

9. CONCLUSION
Project simplifies the rental search experience.

10. FUTURE SCOPE

- Add payments
- Integrate maps
- Reviews feature

11. APPENDIX
Source Code: https://github.com/nizamshaik03/House-Hunt.git
Demo: https://drive.google.com/file/d/1Z1PtCex_PGKrvqf3D7iLWZeQz4bl5-Qs/view?usp=drive_link
Dataset: None
Team Leader: B Mahammad Vali
Team Members: Malepati Rajitha, Shaik Nizamuddin, Thallam Venkata Sai Mahitha, Yellamsetty Venkata Durga Sasidhar