Project Name: Land 2 Lavish

Project Type: Internal Real Estate Sales Management System

Developer: Anirudh Vats

Role: Full Stack Developer

Date: 18-06-2025

Tech Stack Used:

• Frontend: React.js, CSS

• Backend: Node.js, Express.js

Database: PostgreSQL

• Email Service: Nodemailer

Cloud Storage: Cloudinary

Overview

Land 2 Lavish is a real estate company's internal software platform, built to manage project inventory, customer records, financial transactions, and communication tracking. The system has four main operational tabs:

System Sections:

1. Masters (Data Setup Section)

Frontend page creation done by another developer; integration and backend done by Anirudh & Shyam

Component Contribution of Anirudh Vats

Plans Backend API creation, integration with React

Projects Logic to add/view project & unit data, backend validations

PLCs Full CRUD services for Preferred Location Charges

Unit Sizes Backend + API to handle unit size types

Stock Integration and logic for unit stock management

Brokers Broker module logic: add/update/delete brokers

Customers Create, validate, and manage customer records

Component Contribution of Anirudh Vats

Co-Applicants Co-applicant backend logic and API design

Banks API and DB schema for bank details

Properties Linked properties to units/projects – backend logic and DB structure

2. Transactions (Customer Activity Section)

Frontend page creation done by another developer; integration and backend done by Anirudh & Shyam

Component Contribution of Anirudh Vats

Booking Backend API to book units and link customer

Money Receipt Logic to store offline payment (cash/cheque), no gateway used

Unit No. Allotment DB linkages between units and customers

Cheque Deposits (Bank) Service for cheque entry, status updates

Credit Payments Record and track installment-based or credit payments

Unit Transfer (A to B) Logic to transfer unit ownership from one customer to another

Buyer Agreements (BBA) Document upload handling and BBA status tracking

Calling Feedbacks Record feedback received via phone, with follow-up mechanism

Customer Correspondence Dispatch method records (by hand, courier, etc.)

3. Reports (Tracking & Summaries)

- Both backend and frontend contributed by Anirudh and Shyam
 - Project-wise customer list
 - Financial year-wise customer summary
 - Customer collection report
 - Buyer agreement submission tracker
 - Call feedback logs

4. Utilities (Admin Tools)

→ Fully handled by Anirudh and Shyam – backend + frontend integration

Component Description

Manage Employees Add/edit employee data with role control

Add New Property Quick property entry linked to projects

Allotment Letter Generate letter PDFs via backend

Customer Care Track and update support queries

Log Reports Backend log details – login activity, data changes

Upcoming Birthdays Email birthday wishes via Nodemailer, triggered by date match

Key Contributions of Anirudh Vats

- Designed and developed backend architecture using Node.js & Express.js
- Created and maintained PostgreSQL schema and optimized queries
- Integrated APIs with frontend React components (except Masters/Transactions UI, built by someone else)
- Developed robust service logic for 15+ modules
- Built email communication system using Nodemailer (for feedback and birthdays)
- Integrated Cloudinary for customer photo/document uploads
- Handled project deployment coordination

m Project Status: Production-ready and deployed