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Project name : real estate platform

Project plan

The objective of my projectis to create a platform for users to upload and sell their properties, we can enhance the project plan to emphasize features related to property management, uploading, and connecting buyers and sellers.

Project Objectives:

1. Develop a real estate platform prototype allowing users to upload and list properties for sale.

2. Implement user authentication and registration for property owners and potential buyers.

3. Create APIs for property CRUD operations (Create, Read, Update, Delete).

4. Utilize Postman for backend API testing.

5. Set up a local development environment using XAMPP with MySQL.

6. Implement a user-friendly front-end using HTML, CSS, and JavaScript with validation.

Revised Week 1: Planning and Setup

Day 1-2: Project Kickoff and Planning

- Define enhanced project objectives with a focus on property management.

- Identify key features for property uploading and user interaction.

Day 3-4: Environment Setup

- Install XAMPP for local development.

- Configure MySQL database and create tables for properties.

- Set up backend server using a technology of your choice (e.g., Node.js with Express).

Day 5-7: Backend Development and Property Management

- Implement APIs for property creation, updating, and deletion.

- Implement APIs for retrieving property listings.

- Use Postman to test property-related backend APIs.

Revised Week 2: Front-end Development and Integration

Day 8-9: Front-end Structure

- Design UI/UX wireframes for property uploading and listing.

- Set up the front-end structure using HTML and CSS.

Day 10-11: Front-end Functionality

- Implement JavaScript for property upload form and validation.

- Connect front-end to backend APIs for property CRUD operations.

Day 12-13: Integration and Testing

- Integrate backend and frontend components for property management.

- Test the platform for property uploading, editing, and deletion.

Day 14: Documentation and Review

- Document the property management features, API endpoints, and database structure.

- Review the project against enhanced objectives.

- Prepare for project presentation or handover.

Additional Features to Consider:

- User Messaging System:

- Allow users to communicate within the platform for property inquiries.

- Search and Filter:

- Implement search and filter options for users to find properties easily.

- User Dashboard:

- Create a dashboard for users to manage their uploaded properties and track inquiries.

N.B:

- Prioritize a seamless and intuitive user experience for property uploading.

- Consider security measures for user authentication and data protection.

- Regularly test and debug both frontend and backend components.

- Collect user feedback for potential improvements.