

Requirements from Org:

- Any specific design preferences or branding guidelines.
- A clear understanding of the workflow and processes involved in the real estate agent/broker operations.
- Information about any existing system applications that can be seen as a reference for this overall portal.
- Detailed descriptions of each feature and section to be included in the MVP.
- How the login and signup client would prefer and any specific requirements for the authentication system (e.g., single sign-on, two-factor authentication).
- Guidelines for the design elements, colors, and layout if any
- Detailed requirements, user's data and flow for user registration, login, and account management.
- Specifications for user roles and permissions within the platform.

Detailed roadmap for an 8-week project

Week 1: Project Setup and Front-end Development

Task 1:

- Gather detailed requirements from stakeholders and finalize the scope of the project.

Task 2:

- Set up the development environment for the **MERN stack (MongoDB, Express.js, React.js, Node.js)**
- Start a new repo in Github to control the workflow of development

Task 3:

- Design the overall architecture of the Real Estate Agent/Broker Portal and frictionless UX/UI for this portal.

Task 4:

- Create wireframes and prototypes for the 4-week MVP including following features and sections
- **Authentication System, Group Chat Functionality, Admin Panel 1.0, Resource/Training Section and Personal Dashboard**

Task 5:

- Implement the basic front-end structure for the personalized portal using React.js.

Task 6:

- Implement the user authentication and authorization system and

Week 2: Front-end Development and Messaging App

Task 1:

- Continue front-end development for the personalized portal, including dashboards and resource access and group chat

Task 2:

- Develop messaging functionality with real-time messaging and individual/group chat functionality.

Task 3:

- Implement file sharing and document collaboration features in the messaging app.

Task 4:

- Integrate the messaging app with the personalized portal for seamless communication.

Task 5:

- Building the Admin Panel with features **manage user profiles, adding new messaging channels** and **manage the chats**

Week 3: Business Resources/Training and Profile Section

Task 1:

- Set up a database schema for storing business resources, training materials, and webinars.

Task 2:

- Develop the frontend components to access and view business resources.

Task 3:

- Implement a personalized profile for agents/brokers to update, delete their details.

Task 4:

- Create a management system for the admin panel to manage resources and static profile details of the users.

Week 4: Deployment 1.0

Task 1:

- Conduct comprehensive testing for the entire platform, including front-end and back-end

functionality.

Task 2:

- Identify and fix bugs, issues, and edge cases that arise during testing.

Task 3:

- Prepare the platform for deployment to a production environment.

Task 4:

- Deploy the Real Estate Agent/Broker Portal.

Task 5:

- Conduct a final review and ensure all deliverables are in place.

Week 5: Improve MPV and Important Announcements

Task 1:

- Note all the bugs and feedback on the MVP and improve the current portal.

Task 2:

- Design the broadcasting system for sending important announcements to agents/brokers.

Task 3:

- Implement the option for targeted announcements to specific teams or individuals.

Week 6: Personal Growth Dashboard

Task 1:

- Set up a database schema to track and store performance metrics for each agent/broker.

Task 2:

- Develop the personalized dashboard with visual representations of key performance indicators (KPIs).

Task 3:

- Display analytics and insights for agents/brokers to identify areas for improvement.

Week 7-8: Implement remaining features and fix bugs

