Functional Requirements for Real Estate Chatbot

1.User Registration and Authentication:

- Allow users to create accounts via email and Phone number.
- Secure login and user profile management.
- If user has lost their password they can again login by email verification.

2.Property Search:

- Allow users to search for properties like rental houses, new house,commercial spaces and plots based on criteria such as location, budget, property type etc.
- Provide advanced search filters to refine the search results.
- Present results in a user-friendly format, including property details, images, and relevant information.

3. Additional Feature:

- Mortgage Calculator: A mortgage calculator to estimate monthly mortgage payments based on user input such as loan amount, interest rate, loan term, down payment. It will calculate the monthly payment.
- Virtual Tour : A virtual tour is a digital representation of a physical space that allows users to explore and interact with it remotely. Virtual tours are used in various industries, including real estate, tourism, and education, and can be viewed on websites or through virtual reality devices. They offer a convenient way to visualize and explore spaces without being physically present.
- Scheduling Property View: It involves setting up appointments for interested individuals to physically visit a property. User can ensures a smooth and efficient process.
- Question Answer Session : A real estate chatbot refers to the feature that allows users to ask questions and receive relevant answers regarding various aspects of the real estate industry. It enables users to obtain information, clarification, and guidance on specific topics or queries they may have.

4.Contact Us :

In case of any query and clarification user can contact with Customer Support section using our mail id .

5.Customer Feedback :

User can give their valuable feedback after going through a property. They can also provide a feedback after renting, buying and site seeing is done by themselves.

6. Communication:

- Text Responses: Text responses in real estate chatbots are written messages that provide information and answers to user queries. They are generated based on the chatbot's knowledge base and aim to deliver accurate and relevant information.
- Property Details: In a real estate context refer to specific information about a property that is relevant to potential buyers or renters. These details typically include key features, specifications, and attributes of the property, such as the number of bedrooms and bathrooms, square footage, location and any additional noteworthy characteristics. Property details provide users with essential information to evaluate and make informed decisions about a property of interest.
- Image Attachment : Image attachment in a real estate chatbot allows users to view property photos, features, and condition. It enhances the user experience by showcasing the property and complementing other information provided.

7.Recommendation:

- User Preferences: User preferences in real estate are the specific choices and criteria that users have when searching for properties. These preferences guide their decision-making by considering factors such as location, property type, size, amenities, and price range.
- Similar Choices: Similar choices in a real estate context refer to properties that share common characteristics or meet similar criteria as the user's specified preferences. These choices are relevant alternatives that closely match the user's desired criteria and provide viable options for consideration.

- Personalized Recommendation : Personal recommendations in a real estate context refer to suggestions or advice provided to users based on their specific preferences, requirements, and previous interactions.

8.Property type:

- Rent: Here the tenant can check a property and also check facilities of the property. The amount of rent can be vary depending on factors such as the location of the property, size ,amenities ,condition ,and market demand.
- Buy: When tenant buys a property, they become the owner and gain the rights and responsibilities associated with property ownership.
- Commercial properties: This will offer a range of commercial properties such as office spaces ,retail spaces ,warehouses, industrial properties, and restaurants/bars.
- Land/Plots: This will include vacant land or plots that can be purchased for future development or construction

9.Location preferences:

- Metro Station: This allow users to select properties that are located near metro stations or have easy access to public transportation. This option can be helpful for individuals who rely on public transit their daily commute.
- Schools: This enable users to prioritize properties located near schools, including primary schools, secondary schools, or specific educational institutions. This option is beneficial for families with school going children.
- Hospitals: This provide an option for users to prioritize properties that are in close proximity to hospitals or medical facilities. This preference is important for individuals who value easy access to healthcare services.
- Temples: This allow users to indicate their preference for properties located near temples, churches, mosques, or other places of worship. This option caters to individuals who value religious or spiritual proximity.
- Markets: This enable users to select properties that are located near markets, supermarkets, shopping centers ,or commercial areas. This preferences is useful for those who want convenient access to shopping and daily necessities.

10. Budget:

Budget in real estate refers to the financial resources available for purchasing or renting a property. It determines affordability, helps narrow down options, and involves considering expenses and financial goals. Setting a realistic budget allows user for effective financial planning and flexibility.

11. Facility:

Facilities in real estate refer to amenities and services provided within a property or development. Common facilities include terrace garden, banquet hall, swimming pool, outdoor and indoor games, sewage treatment, jogging track, security, gym, rain water harvesting, play area, parking

and sustainable features. These facilities enhance convenience, comfort, and quality of living or working in the property.