Title of the Project: Real Estate Management System

Group Number: 06

Group Members:

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1.System Features:

1.1 Management System:

Functional Requirements:

FR1.1.1 User based separate login system for Users (Buyer, Seller), Admin.

FR1.1.2 The website feature an advertisement section updated by the sellers.

FR1.1.3 There will be a MAP section on the main page so that users can check the property location through a global map.

FR1.1.4 For payments there will be a feature called PAYMENT for keeping the date, amount, bank's name and time in the database

FR1.1.5 The system will have maximum uptime so that it can switch between multiple servers to avoid inconvenience to clients due to server failures.

FR1.1.6 The website will have a services section with five subsections Query, Loans, Law, Recommendation and Category which allows users to guide through details on that specific subsection.

●Query- This subsection will feature a chatting section where users can ask about their queries

●Loans- This subsection will feature a service where users can find the property's description along with requirements for loan.

●Law- On this side, users can see what are the rules and regulations of buying or renting the properties.

●Recommendation- In this section users can see the interior based on their choice and recommendations.

●Category- This subsection will have property measurements or flat's size so that clients can navigate through their choices.

Non Functional Requirements:

NFR1.1.1 The main page of the website can have images and 360° videos of the properties for users.

NFR1.1.2 There will be comparison photos related to any similar properties.

NFR1.1.3 Advertisements will be updated every 24 hours.

NFR1.1.4 Any pending advertisements will be added after every 12 hours.

1.2. Admin:

Functional Requirements:

FR2.2.1 Admins can control the database and edit everything on the system.

FR2.2.2 Approve property details likewise admin will check the provided

FR2.2.3 Emergency requests checking and approving any property or lot

FR2.2.4 Admins can provide any help to buyer and seller to buy and sell properties.

FR2.2.5 Admins can revoke unauthorized users and properties.

Non Functional Requirements:

NFR2.2.1 Controls the database as they can add, remove and modify property information.

NFR2.2.2 Any illegal properties will be rejected it doesn't match the details.

NFR2.2.3 Any advertisement related queries, emails checking and promotional ads management will be checked manually by the Admins.

NF2.2.4 Any pending advertisements will be added after every 12 hours.

1.3. User:

Functional Requirements:
1.3.1 Buyer

FR1.3.1 Buyers will log in to the website through NID/Passport verification.
FR1.3.2 Buyers will use a feature called recommendations that can save up lots of their time.
FR1.3.3 Wishlist where users can save their desired properties.

Non Functional Requirements:

NFR1.3.1 Buyer can search for their cherished property and can check the property for details.

NFR1.3.1 Buyer can search for their cherished property and can check the property for details with view 360 degree angle.

NFR1.3.2 Buyer can book an appointment with the seller. Buyer can contact the seller for more further details.

NFR1.3.3 Buyer can view upcoming projects.
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NFR1.3.4 Buyer can get a guideline to book or to purchase a property or a lot.

1.3.2 Seller

Functional Requirements:

FR1.3.1   Sellers will have a feature where they can save their property information.
FR1.3.2   Sellers can post their properties for sale along with legit documentation.
FR1.3.3   Sellers can also contact admin to make a change in property details.

Non Functional Requirements:

NFR1.3.1 Sellers can add multiple properties on their lot.

NFR1.3.2 Sellers can put up their property or lot for auction.

NFR1.3.3 Sellers can also buy property or lots from other sellers.s.

2. Other Nonfunctional requirements:

2.1. Operational:

2.1.1 Because of its user-friendly features, this app is accessible to all consumers from pc tablet or smart phones

2.1.2 The user can easily search, view, add and maintain their property in a quite efficient manner from application interface.

2.2 Performance:

2.2.1 Data integrity must be maintained in the event of a failure or failure of the entire system and personal information of buyers and sellers is not shared or used outside the company.

2.2.2 The drop-down menu on the home page does not delay more than a second before   displaying the next portal page, and the user can boot the system in less than 2 milliseconds.

2.3 Security:

2.3.1 The system allows you to create accounts in a variety of ways while maintaining NID verification internally in all cases to ensure legitimate customers.

2.3.2 Monetary transactions must be conducted by company representatives that combat online fraudulent practices.

2.4 Cultural and Political:

2.4.1 The company keeps local servers for processing and storing all app-related data in that particular country in accordance with Data Protection Act

2.4.2   Details of the payment policy should be introduced to the clients.