Functional Requirements

This is a list of functional requirements the system should satisfy. The functional requirements are presented in the following way:

Description: A description of the specified requirement.

 Input: A description of the inputs that the software system gets.

 Processing: A description of what the software system should do with the input.

 Output: A description of the response /new state of the software system.

The input, processing and output sections are only specified when needed.

Functional Requirement 1

- Description:
  The registration process on the site from the landlord or tenant
- Input: the landlord ->First name, Last name, Email, phone number, password and confirm the password
  the tenant-> First name, Last name, Email, phone number, password, confirm the password and the Gender
- Process:
  Ensure that all fields are filled in and ensure that the first and second name and phone number are not duplicated from the database
- Output:
  Registration confirmation message or error

Functional Requirement 2

- Description:
  The Login process is through the data registered on the site
- Input:
  Enter the Email or phone number and password
- Process:
   Ensure that all fields are filled out and that the email or phone number and password entered by the user are registered in the database
- Output:
  Login completed or error

Functional Requirement 3

- Description:
    The login process is via Google

Functional Requirement 4

- Description:
    The login process is via Facebook

Functional Requirement 5

- Description:
    The process of adding the apartment from the owner
- Input:
    Location, number of people in the apartment, number of rooms, number of beds in each room, pictures of the apartment, private or shared, the price, explanation of the apartment and its contents
- Process:
    Ensure that all fields are filled out and Store data in the database
- Output:
    Apartment registration completed successfully or not

Functional Requirement 6

- Description:
    The ability to search for available apartments based on location, private or shared, price range, and number of people from the tenant.
- Input:
    Enter the location, private or shared, price range, and number of people from the tenant.
- Process:
    Filtering the apartments according to the data entered by the owner about his apartment
- Output:
    Show available apartments

Functional Requirement 7

- Description:
    The ability to view detailed information about each apartment, including photos, location, number of people in the apartment, number of beds per room, price, and An

explanation of the apartment, its amenities, and some owner information such as his name and phone number.

Functional Requirement 8

- Description:
  The possibility of evaluating the apartments and the owner from the tenant.

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