House Rental Application

Team Members:

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Motivation: As international students, upon our arrival in the United States, we encountered challenges in finding a unified platform for house rentals. Our search led us through joining numerous WhatsApp and Facebook groups and engaging in countless conversations. Recognizing this gap, we are motivated to develop an application dedicated to assisting both house owners to list their properties and interested tenants to search for one.

Core Features:

1) **Landing Page:**
   a) This page outlines the application's objectives and how it operates.
   b) Search Functionality- Provides the ability to search for a house/property.
   c) Apply advanced filters to refine tenants' search pattern, considering their preferences.
2) **Property Listings Page:**
   a) Displays results from search patterns, providing property cards with thumbnails, linking them to their individual house/property pages containing all details.
   b) Favorite button - users can add/remove properties to their favorites.
   c) Favorite count – to display count users that have favorited the property.
3) **House detail pages:**
   a) Gives comprehensive details (images, area, utilities, rent, etc.) about each house and the nearest landmarks (ex. Nearest path station, grocery store, etc.).

b) Contains the owner's name and email for contact purposes.
c) Users can add/remove this page to their favorites.
d) Comments/chat section for house owners and interested tenants to interact.
e) Favorite count - to display count users that have favorited the property.
f) Interactive map displaying house location.

4) **Add property page:**
   a) Allows property owners to add new properties.
   b) Respective owners can edit or remove the property.

5) **User Profile page:**
   a) Automatically created upon user registration, showcasing all their information.
   b) Shows their list of favorite houses.
   c) Provide remove option for favorites.
   d) Allow users to edit their info.

Extra Features:

1) Notify house owners/tenants.
2) Provide lease pdf on house details page.
3) Expand this idea to include potential property sellers & buyers.
4) We can include the available listings as ads in any of the pages.
5) Handle payments for rent or deposit.
6) Share the property listing on social media.

GitHub Repository:

https://github.com/SakshiSherkar/cs546_group26_final_project