Online Property Solution

**Course Code:** CSE 322

**Course Title:** Software Engineering Lab

**Group:** B2-G9

**Department:** CSE

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**Project Title:** Finding Home

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**Problem Definition: “**Finding Home” is a modern online platform where any buyer or seller can buy or sale their flat or land in any place of the country through this application.

**Objective:** The main goal of "Finding Home" application is to buy and sell land and flats according to the buyers and sellers' own choice to all the real estate companies of the country through the same platform.

**Solution & Output:**

The project solution of this app would likely include:

**Terms & Policy:**

**For companies:**

* Any company has to complete the registration by receiving OTP by their own name and contact number.
* Each company is bound to give their own land or apartment advertisements in full details, If land (plot number, size, papers definition, price, photo, road number, front road size.)

If apartment (size, building details, facing, floor, room details, parking, lift, price, specific photo) including location.

* All companies must provide the correct address of their corporate office.
* All companies must to use their email address.
* All the companies that have unsold land or apartment, only the details of that apartment or land should be in the advertisement, the details of the sold land or apartment should be removed immediately after the sale.
* Land wanted companies will give their choice location specifically with advertisement.

**For client:**

* Every user must need to use their name and phone number for registration.
* For the first, any client will search for their preferred location, then they can see certain companies according to their location who have land or apartments in that specific place.
* After that they will select any company of their choice, then click on the advertisement of their preferred apartment or land.
* After that, a helpful message will automatically be sent to the user from the company.
* Finally, both of them will buy and sell the said land or apartment through all the conversations between themselves in their presence.
* Land given client can choice only the land wanted companies who have their own advertisements in any prime zone.

**Requirement Analysis:**

It is going to be very challenging to build this web application for several reasons like two types of users’ login and their interface. We shall need to use Python for backend development, Django for framework, HTML CSS JavaScript, and Bootstrap.

**Impact on Society:**

In the age of globalization, the e-commerce industry has been flourished by the unprecedented proliferation of internet access.

* Middle class people can find their dream residence at low cost.
* Anybody can buy and sell flats or land of their choice directly from the owner or directly to the customer without falling into the malice of any broker.
* Any encumbrance of disturbed land or flat is not included here
* Anyone can choose a lot of land or flats through a platform using the internet without wasting time or travel expenses.
* The app do not spread any negative impact on the society. The main goal of this app is to confirm people's addresses.

**Project Management:**

**Time Table:**

|  |  |  |
| --- | --- | --- |
| **Phase** | **Task** | **Duration**  **(In Week)** |
| Phase 1 | Planning | 1 |
| Phase 2 | Analysis and Requirement Data | 1 |
| Phase 3 | Data Collection | 1 |
| Phase 4 | Design UI | 4 |
| Phase 5 | Create Login and Sign up and URLs | 2 |
| Phase 6 | Implementation | 3 |
| Phase 7 | Testing | 1 |
| Phase 8 | Release | 1 |

**Project Cost:**

|  |  |  |
| --- | --- | --- |
| **Activity** | **Hour** | **Cost in Taka** |
| Data Collection | 50 | 8000 |
| Feature Extension of Data | 40 | 6000 |
| Background study | 30 | 5000 |
| Data Labeling | 40 | 6000 |
| User Interface Development | 85 | 14000 |
| Testing the Project | 60 | 9000 |
| Documentation | 50 | 7500 |
| Total | 355 | 55,500 |