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## 

## **Motivation**

“Home sweet home” is a proverb going on. But in today’s life finding a comfort home is a big challenge for us. We, the people of Dhaka city are facing a lot of problem with it. Sometimes we find a home but location is not appropriate. Sometimes house rent goes beyond our range. Moreover, the bachelor people are hardly to find a home for them, the owner of the home can be rude sometimes. Apart from this the utility services can be found very poor in some case. We think about to solve all of these problems through our project. Our project is about the solution of house rent problem. There is already some website to help to find a home in Bangladesh. The Bproperty, Rental Home Bd, Thetolet.com are some of them. But they are not as much as user friendly. The Mayfair is a website where only a holiday home offered by owner. All these websites do not help all the people who want to rent a home. So, we will try to create a user-friendly website or application which can solve the problem of all categories people and also save the time.

## **Description**

In our project we will try to keep some features that can help the user to find a perfect and comfortable home for them. We will keep a form that should be fill up by the owner of the house. The owners should give a detail information of his/her house.

The user can search according to location or area through the google map and can get the result how many homes are in one location. He or she can also find out the house if he/she is bachelor. We keep different categories such as family, female bachelor or male bachelor.

The user can acknowledge the rent information, facility bill information along with utility bills. Flat details can be provided with pictures or video. The user can get information about the owner through comments or review systems. The owner can also have the information about the tenant.

## **Existing Solution**

With the current system recording the details of various activities of user is completely manual and entails a lot of paper work. Each house has a file that contains the house number, size, rent per month, expected deposit, occupant and status. The transactions are not secure as papers may get lost or damaged. Hence, there is need of reformation of the system with more advantages and flexibility. The system eliminates most of the limitations of the existing system.

There are so many systems which provide software based rental system. Rent payment system contains tenants first name, last name, phone number, date of payment, amount, balance and location. But in most of the system there is no comment section or review section from where tenant can get information about that particular house such as water service, security service, behavior of the owner and so on.**[4]**So, we will include that review section in our project as a special feature of existing solution.

Moreover, the existing system only provides text-based interface which is not as user friendly as Graphical user interface. So, we will also add google map and YouTube facilities which will be more beneficial for the user.

Example of some existing solution:

Bproperty- This website has many advertisements of houses for rent with pictures. They have implemented that website with some limited pictures and information.**[1]** Moreover, they do not provide any special feature such as comment or review section. **[2]**

Rental Home Bd- This is another website for rental system. They also have implemented common features of rent system such as number of rooms, amount, location, facilities etc. But there is no assurance of there facilities or service. That is our target point to update the system. **[3]**

Thetolet.com- This website also does not provide adequate information. All the features are almost same in every website. Further sometimes the picture quality of the given system may be bad or confusing. To provide a better solution of this problem we will add YouTube feature. There will be a video clip from where people will get a clear concept of that area, flat view. There is no chance of confusion. So, it will be a different approach of this existing solution. **[5]**

## **Planning**

As we want to develop the system with Microsoft’s ASP.NET Core 2.0 (MVC), here is the development plan for our project. Where we will try to work with goggle’s different APIs as well.

|  |  |  |
| --- | --- | --- |
| Weeks | Working Flow | Show Time (Lab Date) |
| 1st | Feature Designs | 10th June |
| 2nd | Database Design | 17th June |
| 3rd | Starting Works With ASP.NET Framework | 24th June |
| 4th | Login System | 1st July |
| 5th | Feature Implementation - I | 15th July |
| 6th | Feature Implementation - II | 22th July |
| 7th | Working with API | 29th July |

### Figure-1: Table of planning.

## **Reference**

**1. https://www.bproperty.com/**

**2.** [**https://www.bproperty.com/en/dhaka/apartments-for-rent/**](https://www.bproperty.com/en/dhaka/apartments-for-rent/)

**3.** [**https://www.rentalhomebd.com/**](https://www.rentalhomebd.com/)

**4.** [**http://to-let.com.bd/advertisement\_details.php?to-let\_for=149**](http://to-let.com.bd/advertisement_details.php?to-let_for=149)

**5.** [**https://www.thetolet.com/dhaka/mohammadpur/1085/lalmatia-block--d**](https://www.thetolet.com/dhaka/mohammadpur/1085/lalmatia-block--d)