AMERICAN INTERNATIONAL UNIVERSITY BANGLADESH

OBJECT ORIENTED PROGRAMMING 2 (C#)
FINAL TERM PROJECT

Let's Find Home

LET'S FIND HOME

Submitted By: **Group 1 Section: C**

Date: 25-07-2021

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TOPICS TO BE FOUND

I. Introduction and Benefits

The Let's Find Home is a system which is intended to implemented to make life for both bachelor students/families and house owner's life easier. Because with this system students/bachelors or families can find houses easily and also the owners can easily get people for his/her house to rent.

Benefits of this project:

- This will make things hassle free for both house owner and bachelors as they do not have to go to the houses by walk.

- There will be a feature called "Find by Interest" which will allow people who are looking to find a house in their preferred area rather than scrolling from thousands of Ads.

- House owners can chat with the people who want to get the house also vise versa.

- Renters can see pictures of house interior while searching for their preferred house.

- House owners can see their current renters and their ads status

- Renters can see the houses they are rented in

- House owners can manage the renters monthly rent through the application

- House owners can give notice to all the renters or a specific renter if he/she wants

- There will be admin who will control all the house renting activities. The admin has to approve the house advertisement to be posted publicly to the renters

- Admins can remove ads if they want

- Admin can block any member for malicious acitivity

II. Project Entity Descriptions

Our project is going to contain three entity or users.

- House Owners
- Renters
- Admin

House Owner:

Attributes:

1. Owner ID (System Generated)
2. NID No.
3. Name
4. Phone
5. Email
6. Password
7. Picture
8. Gender

Methods:

1. Post Ads
2. Check Request
3. Manage Transactions
4. Give Notice
5. Renters and Ads
6. Edit Profile

Renters:

Attributes:

1. Renter ID (System Generated)
2. NID No.
3. Name
4. Phone
5. Email
6. Password
7. Blood Group
8. Gender
9. Picture

Methods:

1. Check Ads
2. Send Request
3. Pay Rent
4. Houses
5. Check Notice
6. Edit Profile

Admin:

Attributes:

1. ID
2. Password

Methods:

1. Delete Ad
2. Approve Ad
3. Block Member
4. Complains and Request

III. Project Features

- All the users have to login to use the features. Apart from admin all the users need to get registered first.

House Owner:

- Owners can post their ads with description which can contain what type of renters they want and the rent will be included as well.

- They can receive their rent through the application so there is no extra cash hassle.

- House Owner can export the transaction data into pdf or Excel file

- They can chat with specific renter for confirming reservation.

- They can also give notice to the specific renter for some reason

- They can Edit their information any time they want.

- Owner can contact admin for reporting malicious activity

Renter:

- Can check for ads and also can search by their preferred place.

- They can chat with the house owners

- They can make payment through this application

- They can check notice from the house owners

- They can check the houses currently they have rented

- They can edit their information

- Renter can contact admin for reporting malicious activity

Admin:

- Can remove Ads if needed

- Approve Ads to be Posted

- Can Block any Member

- Also, can unblock any member

Timetable

Below Given is the estimated time table for the project:

	Description of Work	Start and End Dates
Phase One	Project Proposal	24-07-21 -> 25-07-21
Phase Two	Designing the UI	26-07-21 -> 28-07-21
Phase Three	Implementing the Features	29-07-21 -> 12-08-21

Project was fully completed by 12 August 2021.