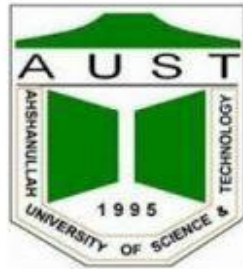


Ahsanullah University of Science & Technology

Department of Computer Science & Engineering



ANY TO-LET

CSE 3224

Information System Design

&

Software Engineering Lab

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INTRODUCTION

To-let (available for renting) is a very common term to the general people. Dhaka City has a population of around 18 million. So there require a huge number of to-let advertisement on every day. By focusing that we are trying to develop an application. Through this application, the users can give any kind of to-let advertisement and the renter can see that advertisement in different categories. They can also search their desired rent product by filtering according to the type, area & rent price.

OBJECTIVES

Usually, different people need various kinds of to-let. So it is a huge time consuming for the customers to get their specific rent information. For that, people in general contact with a broker for getting their desired rental product. It does not cost beneficial and the customer might be cheated by the broker's policy. The main motive of developing our application is to give a more convenient and secure environment to users. We will try to reduce the communication gap between owners and renters. This application will contain a different type of to-let advertisement section for the various type of users.

STUDY OF EXISTING SYSTEMS

There are many types of to-let advertisement application in the market. In that application the users can give any kind of to-let advertisement and the renter can see that advertisement. These application contains some of features such as :

- ✓ Residential Space To-let.
- ✓ Industrial Space To-let.
- ✓ Office Space To-let.
- ✓ Land To-let.
- ✓ Sublet.
- ✓ Rent a Car etc.

PROBLEMS/LIMITATION OF EXISTING SYSTEMS

Many of the existing systems, there is mixing category for bachelor mess, female students, shop, garage. These categories can be added in the system for convenient use of that portion of peoples. The rent product buy-sell section such as apartment buy-sell can be added. For getting more specification information about the rented product there should be a chat option between product's owner and renter.

ADVANTAGES/GOALS OF THE PROPOSED SYSTEMS

- The product's owner can give their any kind of to-let advertisement through this application.
- The renter can search their desired to-let product by filtering according to area, type and rent price.
- The information about their to-let product will be more specified by contact with the product's owner and renter.
- In apartment to-let process there is a gender issue such as: Female, Bachelor Mess. This application will try to minimize this problem creating a section for them.
- By Maintaining some specific cyber rules and service policy, the whole to-let process will convenient to the users.

TYPES OF STAKEHOLDERS[USERS] OF THE PROPOSED SYSTEM

- Real Estate Companies.
- Corporate Companies.
- Family Persons.
- Students.
- Businessman.
- Brokers.
- Drivers.

FUNCTIONALITY GROUPING ACCORDING TO THE USERS

The system provides the following functions according to the users

Guest users:

- Can view all the categories of the application.
- Can register the system to become a member
- Can view popular packages
- Can view about the term and policy of the system.

Member users:

- Can log in to his/her account.
- Can give any kind of to-let related advertisement.
- Can modify their given advertisements.
- Can view details information about users.
- Can chat with their customers.

Admin:

- Can set registration procedure/settings.
- Can verify the user's information.
- Can add new feature when it is required.
- Can solve any kind of problem between product users and renter.
- Can observe the maintenance of service policy and generate reports.

REQUIREMENTS SPECIFICATION:

Introduction:

On the basis of the analysis performed our goal is to develop a requirements specification document that supports all the functional and non-functional requirements with improvements suggested for the current deficiencies.

Functional requirements:

FR01: Add categories

Req. No.	Functional Requirements
FR01-01	The system shall allow the admin to add new categories to the system.
FR01-02	The system shall allow admin to add package details including address, type, price range etc.
FR01-03	The system shall enable the manager to input and update the quantity of the new categories.

FR02: Display categories

FR02-01	The system shall enable users to view all the categories available in the system.
FR02-02	The system shall enable the users to categories of to-let as their requirements.

FR03: Edit/Modify Advertisement

FR03-01	The system shall allow only registered users to modify or edit their own advertising.
FR03-02	The system shall not allow accessing the modification part of one user from another user.

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FR04: Search By Filtering

FR04-01	This system shall allow users to search the to-let advertise by filtering according to the area, type & rang of rent price.
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FR05: Request Registration

FR05-01	The system shall enable the users to register to the system.
FR05-02	The system shall allow the admin to approve and disapprove user registration request.
FR05-03	The system shall allow the admin to cancel the registration of the already registered user.

FR06: Contact Between Users

FR06-01	The system shall allow chat between the member users of the system.
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FR07: Buy-Sell Services

FR07-01	The system shall allow member user to give buy-sell advertisement in the system.
FR07-02	The system shall allow member user to modify their sell advertisement.

FR08: Contact with users

FR08-01	The system shall enable the admin to contact users via text message through the system.
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FR08-02	The system shall enable the admin to help the users if requires.
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NON-FUNCTIONAL REQUIREMENTS:

NFR01: Performance

Req. No.	Non-functional Requirements
NFR01-01	Average load time of the starting page of the system must be less than 2 seconds.

NFR02: Security

NFR02-01	Member and Guest users can access information according to their login state. But for accessing the admin panel, there require some security verifications.
NFR02-02	System must not provide access to ANY user EXCEPT the designated user to update the database.

NFR03: Portability

NFR03-01	As the application is developed using object oriented Java language, the adaptation rate of the application will favorable.
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NFR04: Defects-Maintenance

NFR04-01	Post Release defects of the system must not exceed 1 critical bug per month.
NFR04-02	Post Release bug fixing should not take more than 5 hours.

OVERALL CONSTRAINTS:

Any fault occurring with the network and data preservation might fall down the system. So the management system should be maintained properly. The fake user account can be created. They can violate service policy and harassed the users of the application. The admin panel should verify user information and generate a report about their activities.

CONCLUSION:

This main focus of developing this project is to minimize the customers and product's owners' harassment for getting their right choice. The secured, flexible and user friendly interface creation is our prime consideration. This is a primary level of development the application. More categories of to-let can be easily added in this application by admin panel.