

**BUBT**  
**Bangladesh University of Business & Technology**



**Project Report**

**Course Title:** Distributed Database Management System Lab

**Course Code:** CSE 418

**Project Name:** Online Rent Advertisement System

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## **Title of Project:**

This project is about **Online Rent Advertisement System**. It's an online application or web-platform.

## **Introduction:**

The primary aim of the system is to develop a better service that will help users driven information when they find any rental issues. It will change and develop our society. We know that when we are looking for any house for rent, car rent or something like that of all rental issue, sometimes we suffer most. We think, it is a system that will help to remove this kind of rental issues. So, People can easily find their rental things.

## **Objectives:**

- Users can easily find their rental service when they need.
- To save time to find any rental things.
- User can easily find his tenant.
- User will find any rental thing where he wants wherever the location.
- This is an online base system. So, the program will update day by day so user can quickly rent his desire.
- People can easily rent their houses, transportations, commercial property, garage, store house, shops, occasionally decoration things, and others.

## **Environment /Tools:**

### **1. Functional/Non Functional Requirements:**

- Operating System: Windows 10
- RAM 4GB required
- Language: HTML, RAZOR, C#, .Net 6
- Database Management System: MongoDB

### **2. Software Requirement:**

- Visual Studio

### **Target Audience/User:**

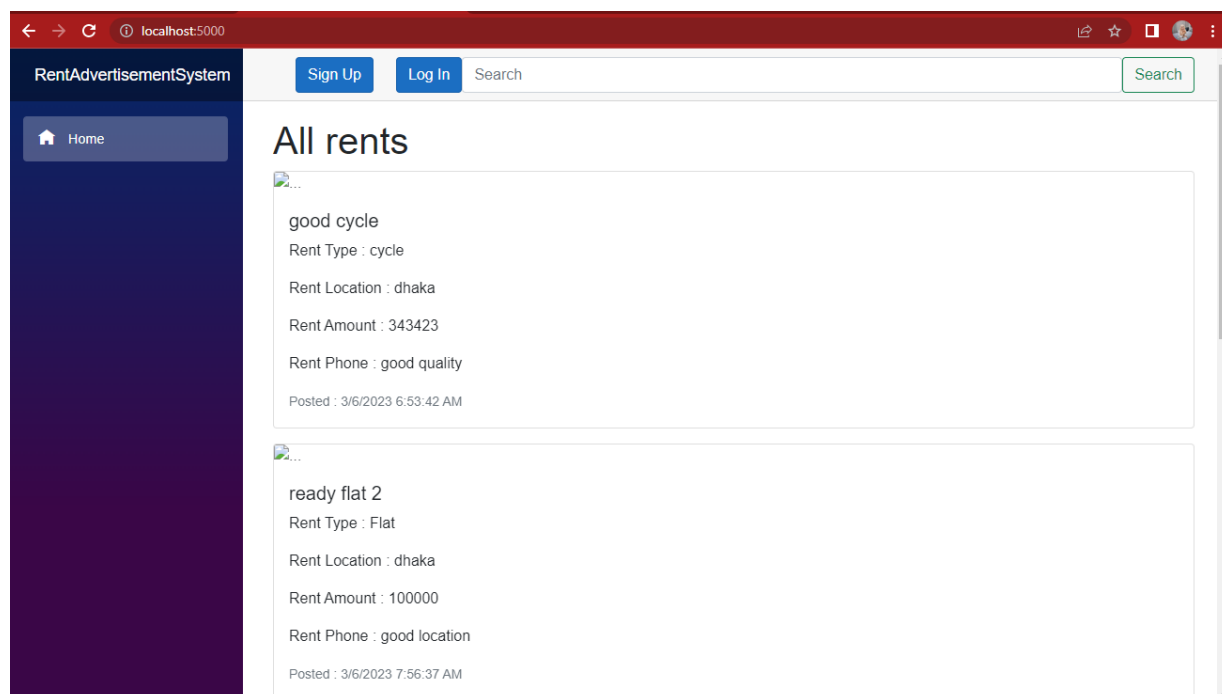
- A person who can find any rental things.
- A person who wants to rent his building, Transportation, commercial property, occasionally decoration, ornaments, clothes, etc.

### **Description:**

Rent, simply meaning to pay someone for the use of something typically property, land, or a car etc. There are big number of people regularly needs home rent for living and there are also big number of rents. Not only home, people also use to rent commercial properties, stores, garage, shop, cars, trucks, bus, decorations, ornaments and clothes etc. There are many types of rent available and that reason we need some digital advertisement for rent. That's why I build a system and solution where everyone can advertise their things or properties. This system has Register and login system along with search and see rent advertises for visitors. A successful register can also update his information, search and see rent advertises, create, update and remove his own advertises, see his own advertises.

### **Features:**

#### 1. Home Page:



#### 2. Sign Up:

The screenshot shows a web browser window with the URL `localhost:5000/signup`. The page title is "RentAdvertisementSystem". The navigation bar includes "Sign Up", "Log In", and a "Search" button. The main content area is titled "Sign Up" and contains the following form fields:

- Name**: A text input field with the placeholder "Enter name".
- Email address**: A text input field with the value "tisha@gmail.com". Below the field is the text "We'll never share your email with anyone else."
- Location**: A text input field with the placeholder "Enter Location". Below the field is the text "We'll never share your email with anyone else."
- Phone**: A text input field with the placeholder "Enter phone". Below the field is the text "We'll never share your email with anyone else."
- Password**: A password input field with a masked value "...".

A "Sign Up" button is located at the bottom of the form.

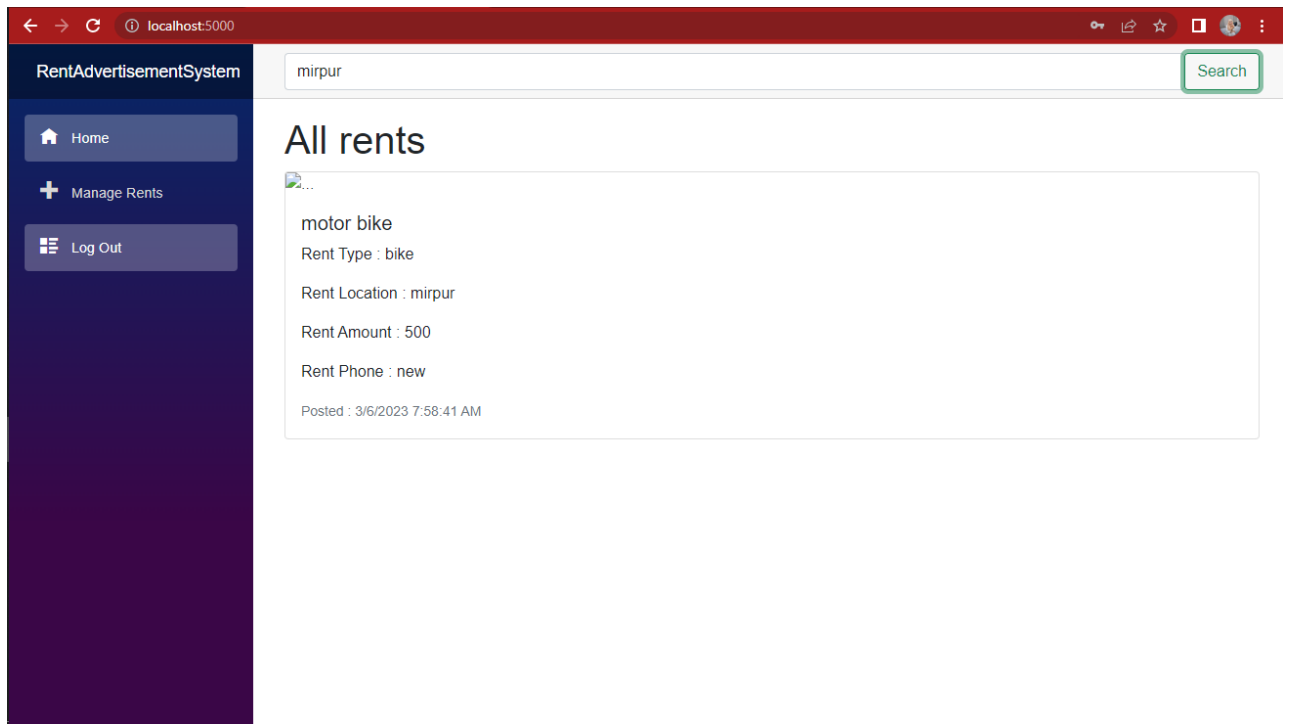
### 3. Log In:

The screenshot shows a web browser window with the URL `localhost:5000/login`. The page title is "RentAdvertisementSystem". The navigation bar includes "Sign Up", "Log In", and a "Search" button. The main content area is titled "Log In" and contains the following form fields:

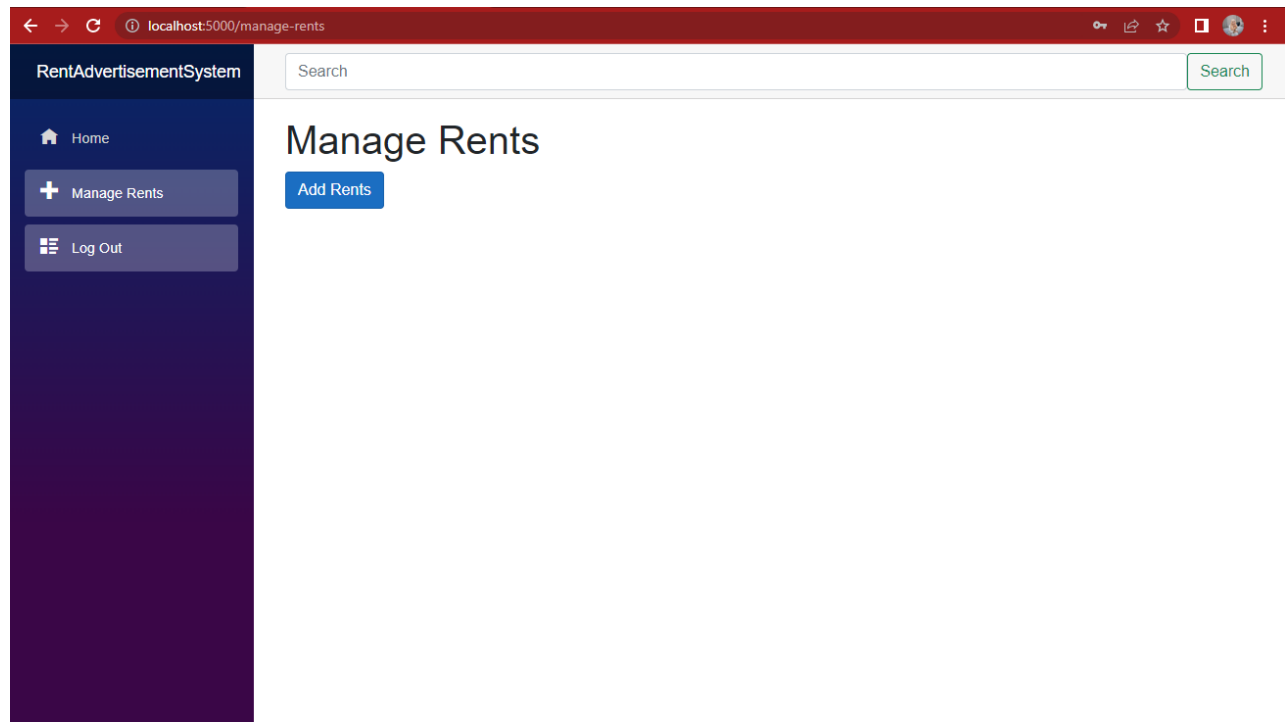
- Email address**: A text input field with the value "tisha@gmail.com". Below the field is the text "We'll never share your email with anyone else."
- Password**: A password input field with a masked value "...".

A "Log In" button is located at the bottom of the form.

### 4. Search Rents by Location:



## 5. Manage Rents:



## 6. Add Rents:

The screenshot shows a web browser window with the address bar displaying 'localhost:5000/add-rent'. The application has a dark blue sidebar on the left with the title 'RentAdvertisementSystem' and three menu items: 'Home' (with a house icon), 'Manage Rents' (with a plus icon), and 'Log Out' (with a list icon). The main content area is white and titled 'Add Rent'. It contains five input fields, each with a label and a placeholder text: 'Rent Name' (placeholder: 'Rent Name'), 'Rent Type' (placeholder: 'Rent Type'), 'Rent Location' (placeholder: 'Rent Location'), 'Rent Amount' (placeholder: 'Rent Amount'), and 'Phone' (placeholder: 'Rent Description'). A green 'Add' button is located below the 'Phone' field. A search bar with a 'Search' button is located at the top right of the main content area.

### **Limitations and Future Work:**

- User can't update or delete his rent items.
- Payment system not available in this system now.
- Pages are not responsive

### **Conclusion:**

Now a days most of people are connected in virtual life. Everything is going to under online and digitalized system. So, I think Online rent system is a stage that people can easily find any rental things and also can make their rent advertises. It saves our valuable time.

