

# **Bangladesh University of Business and Technology (BUBT)**

Department of Computer Science and Engineering



Project Report on

## **Online Rent Advertisement System**

Software Development Project 03 (CSE 300)

### **Submitted To**

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## ABSTRACT

The purpose of this study was to develop a **Online Rent Advertisement System**) to assist

To find any person who need any rental information in online. This is web base software application. This project is carried out as a partial fulfillment of the course Software Development Project - 3

Online Rent Advertisement System undertaken as a project is based on relevant technologies. The main aim of this project is to develop software for Online Rent Advertisement System. This project has been developed to carry out the processes easily and quickly, which is not possible with the manual systems. The technology platform in implementing this system uses **PHP** programming environment with **MySQL** database.

## **DEDICATION**

We would like to dedicate this software to our parents &  
teachers.

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## List of Abbreviations

ORAS	Online Rent Advertisement System
BUBT	Bangladesh University of Business and Technology
PDF	Portable Document Format
SQL	Structured Query Language
E-R	Entity Relationship
ERD	Entity Relationship Diagram
RDBMS	Relational Database Management System
IDE	Integrated Development Environment
GUI	Graphical User Interface
HTML	Hypertext Mark-up Language
XSLT	Extensible Stylesheet Language Transformations
CSS	Cascading Style Sheets
XML	Extensible Mark-up Language
FCL	Framework Class Library
UWP	Windows Platform
API	Application Programming Interface
RGB	Red Green Blue
CYMK	Cyan, Magenta, Yellow, Key (Black)
CLR	Common Language Runtime
UML	Unified Modelling Language
CSE	Computer Science and Engineering

# **CHAPTER 1**

## **INTRODUCTION**

### **1.1 Introduction**

Nowadays, many management systems are having developed rapidly. Those management systems are developed on the purpose to overcome the problems that faced by manual method and it is also can ease up the user to do their daily work. Development of web-based system provides more benefits and influences that can shape and create the work culture more systematic and can change the administrative structure of an organization to be more quickly and effectively. Hence, we would like to propose the idea of “online rent advertisement System.”

The primary aim of the system is to develop a better service that is help to users driven information when they find any rental issue . It is web base online platform application. It is change and develop our society. We know that in when find any house rent, car rent or something like that of all rental issue ,sometimes we suffer most. We think, it is a system that is help to remove rental issue's

suffering. People can easily find his rental thing and Owner is can easily find their his tenant thing.

Information technology brings revolution in the every aspects of the society. It changed the traditional way of doing things. It enhances the efficiency of work processes. The impact of information technology on house rent, shop rent, office rent and flat sale information is enormous. The traditional system of rental searching is changed due to the introduction of information technology.

## 1.2 Background

A system is a whole that cannot be decomposed into independent parts. It follows a research approach. Research Approach begins by analysing so as to identify its parts and interconnections. This approach follows the technical aspects of the socio-technical systems. This approach involves a concept of planning as a structured process and has five phases: formulating the rent, ends planning, means planning, resource planning and design of implementation and control. Research is heavily used in inventing, elaborating and implementing new ideas. This project is carried out to assess student's skills and knowledge in systems engineering

1. Customer satisfaction by rapid, continuous delivery of useful website. 2. Working website is delivered frequently (weeks rather than months).
3. Close, daily cooperation between business people and developers.
4. Continuous attention to technical excellence and good design.
5. Regular adaptation to changing circumstance

The project is developed using HTML, CSS methodology & implementing the functionality while MySQL is used for creating and manipulating the database. This project has undergone several phases. There are planning analysis, design, development and testing. First, in the planning of this project, plan is written. Next, during analysis stage, system requirements specification and activity diagram modelling the current system are produced. In design stage, various UML diagrams such as DFD, USE CASE diagram, E-R diagram, Relational schema and etc are drawn.

### 1.3 Objective

Now a day's people are enjoying online service. Therefore, it is necessary for the company to advertise their online service. Online advertisement is a very complicated task we need a system to manage it. Online rent Advertisement system helps to manage online advertisement. This system provides the complete service for advertiser to introduce their rent and services into online platform. Online rent Advertisement system will give the solution of all problems that comes in online rent issue. In this system user can create ads and can also select website where he want to show their ads online.

- Our project will perform and fulfill all the tasks that any customer would desire.
- Saving customer time.
- Get more informative.
- Different features are available on the basis of customer requirement.
- Protecting the customer's account
- Member registration
- Remove member from the system
- See member list
- Making total rent
- Total renting amount date to date
- User friendly.
- Less human error.
- High security.
- Easy data uploading.
- Easy record keeping.
- Backup data can be easily generated

## **1.4 Scope of the project**

The purpose of this project is to provide a platform for users and rental owners in an effective and efficient manner. Online Renting System is a non stop rental portal. It provides services such as Service Apartments, Flat, Sublet, Hostels, Shop, Garage ,Car parking, Store House, Guest Houses, Party Center, Conference Room, Conventional Hall, Community Center, Restaurant Center, Bus , Car, Bike, Truck, Mini Truck, Clothes, Ornaments, others. It provides the facility to make online orders and get everything done before you reach the destination., generating statistical reports, and other references.

- Safe, secure and reliable
- Easy-to-use
- Packed with functional features/modules

## **1.5 Environment/Tools**

Tools Many tools are used to develop the software. Some of them are used for development purpose and some of them are part of this software. Without them MMS cannot work properly.

### **MySQL Database**

My SQL is an open-source relational database management system (RDBMS). Its name is a combination of "My", the name of co-founder Michael Widenius's daughter and "SQL" the abbreviation for Structured Query Language. The MySQL development project has made its source code available under the terms of the GNU General Public License, as well as under a

variety of proprietary agreements. MySQL was owned and sponsored by a single for-profit firm, the Swedish company MySQL AB, now owned by Oracle Corporation. For proprietary use, several paid

editions are available, and offer additional functionality [4]. MySQL is a central component of the LAMP open-source web application software stack (and other "AMP" stacks). LAMP is an acronym for "Linux, Apache, MySQL, Perl/PHP/Python". Applications that use the MySQL database include: TYPO3, MODx, Joomla, WordPress, Simple Machines Forum, phpBB, MyBB, and Drupal. MySQL is also used in many high-profile, large-scale websites, including Google (though not for searches), Facebook, Twitter, Flickr, and YouTube [4]. MySQL is written in C and C++. Its SQL parser is written in yacc, but it uses a home-brewed lexical analyzer. MySQL works on many system platforms, including AIX, BSDi, FreeBSD, HP-UX, eComStation, i5/OS, IRIX, Linux, macOS, Microsoft Windows, NetBSD, Novell NetWare, Open BSD, Open Solaris, OS/2 Warp, QNX, Oracle Solaris, Symbian, SunOS, SCO Open Server, SCO UnixWare, Sanos and Tru64. A port of My SQL to OpenVMS also exists [4]. The MySQL server software itself and the client libraries use dual-licensing distribution. They are offered under GPL version 2, beginning from 28 June 2000 (which in 2009 has been extended with a FLOSS License Exception) or to use a proprietary license [4]. Support can be obtained from the official manual. Free support additionally is available in different IRC channels and forums. Oracle offers paid support via its My SQL Enterprise products. They differ in the scope of services and in price. Additionally, a number of third-party organisations exist to provide support and services, including Maria DB and Persona [4]. My SQL has received positive reviews, and reviewers noticed it "performs extremely well in the average case" and that the "developer interfaces are there, and the documentation (not to mention feedback in the real world via Web sites and the like) is very, very good". It has also been tested to be a "fast, stable and true multi-user, multi- threaded SQL database server" [4]. MySQL is offered under two different editions: the open source My SQL Community Server and the proprietary Enterprise

Server. My SQL Enterprise Server is differentiated by a series of proprietary extensions which install as server plugins, but otherwise shares the version numbering system and is built from the same code base [4]. MySQL is not a complete database system. It has some constraints. When using some storage engines other than the default of InnoDB, MySQL does not comply with the full SQL standard for some of the implemented functionality, including foreign key references. Check constraints are parsed but ignored by all storage engines .

## **HTML**

Hypertext Markup Language (HTML) is the standard markup language for documents designed to be displayed in a web browser. It can be assisted by technologies such as Cascading Style Sheets (CSS) and scripting languages such as JavaScript. Web browsers receive HTML documents from a web server or from local storage and render the documents into multimedia web pages. HTML describes

the structure of a web page semantically and originally included cues for the appearance of the document.

HTML elements are the building blocks of HTML pages. With HTML constructs, images and other objects such as interactive forms may be embedded into the rendered page. HTML provides a means to create structured documents by denoting structural semantics for text such as headings, paragraphs, lists, links, quotes and other items. HTML elements are delineated by tags, written using angle brackets. Tags such as `<img />` and `<input />` directly introduce content into the page. Other tags such as `<p>` surround and provide information about document text and may include other tags as sub-elements. Browsers do not display the HTML tags, but use them to interpret the content of the page.

## **CSS**

Cascading Style Sheets, fondly referred to as CSS, is a simple design language intended to simplify the process of making web pages presentable.

CSS handles the look and feel part of a web page. Using CSS, you can control the color of the text, the style of fonts, the spacing between paragraphs, how columns are sized and laid out, what background images or colors are used, layout designs, variations in display for different devices and screen sizes as well as a variety of other effects.

CSS is easy to learn and understand but it provides powerful control over the presentation of an HTML document. Most commonly, CSS is combined with the markup languages HTML.

## **JavaScript**

JavaScript (often shortened to JS) is a lightweight, interpreted, object-oriented language with first-class functions, and is best known as the scripting language for Web pages, but it's used in many non-browser environments as well. It is a prototype-based, multi-paradigm scripting language that is dynamic, and supports object-oriented, imperative, and functional programming styles.

JavaScript runs on the client side of the web, which can be used to design / program how the web pages behave on the occurrence of an event. JavaScript is an easy to learn and also powerful scripting language, widely used for controlling web page behavior.



Contrary to popular misconception, JavaScript is not "Interpreted Java". In a nutshell, JavaScript is a dynamic scripting language supporting prototype based object construction. The basic syntax is intentionally similar to both Java and C++ to reduce the number of new concepts required to learn the language. Language constructs, such as if statements, for and while loops, and switch and try ... catch blocks function the same as in these languages (or nearly so).

JavaScript can function as both a procedural and an object oriented language. Objects are created programmatically in JavaScript, by attaching methods and properties to otherwise empty objects at run time, as opposed to the syntactic class definitions common in compiled languages like C++ and Java. Once an object has been constructed it can be used as a blueprint (or prototype) for creating similar objects.

JavaScript's dynamic capabilities include runtime object construction, variable parameter lists, function variables, dynamic script creation (via eval), object introspection (via for ... in), and source code recovery (JavaScript programs can decompile function bodies back into their source text).

## **1.6 Organization of Project Report**

In chapter one, we introduce the system and write about motivation, project objectives and Environment/Tools of the system. In chapter two, we give Motivation on whole project. In chapter three, we give information about our Requirement specification , requirement analysis, feasibility study. In chapter four, we show system design. In chapter five, we give system implementation. In chapter six we show user manual. Finally, we discuss about our future goal, limitations and conclude about the system

## **1.7 Conclusion**

The application of Online Rent Solution brings efficiency, simplification the rental searching processes, reduce suffering to get desire rental house, shop, Apartments, Flat, Sublet, Hostels, Shop, Garage ,Car parking, Store House, Guest Houses, Party Center, Conference Room, Conventional Hall, Community Center, Restaurant Center, Bus , Car, Bike, Truck, Mini Truck, Clothes, Ornaments, others and above all improve the delivery of services to the customers.

## CHAPTER 2

### MOTIVATION

The project aims to develop a system is for any type of document but nothing particular. This system is revolutionary to document processing. The uniqueness is being web-based online application and for general-purpose. This system available in a single computer. But it's database can be access through local area network if database in a server computer. This system is developing by HTML,CSS which followed the code first approach. To develop a database system which can easily store, retrieve and delete data.

- Our project will perform and fulfill all the tasks that any customer would desire.
- Saving customer time.
- Get more informative.
- Different features are available on the basis of customer requirement.
- Protecting the customer's account

In short the Online Rent Solution should be featured with unparalleled flexibility & scalability, comprehensive information types that simplify complex rental searching method. The main objective of the project is to establish an integrated restaurant management system which enables us to automate the dynamic Administrative process in the restaurant. Establishing a strong and effective Management System. Achieving integration between developed management system and other available systems. Preparing electronic data that enable the process entering and converting data. Requirements analysis in systems engineering and software engineering. encompasses those tasks that go into determining the needs or conditions to meet for a new or altered product, taking account of the possibly conflicting requirements of the various stakeholders, such as beneficiaries or users. Another requirement you need to have to be a software manager you need to know how to pleasure your boss. But in financing you also need to pleasure your boss. Requirements analysis is critical to the success of a development project. Requirements must be documented, actionable, measurable, testable, related to identified business needs or opportunities, and defined to a level of detail sufficient for system design. Requirements can be architectural, structural, behavioural, functional, and non- functional.

**Target Audience/User:**

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

To conclude the description about the project: The project, developed using HTML, CSS and MySQL is based on the requirement specification of the user and the analysis of the existing system, with flexibility for future enhancement. The expanded functionality of today's application requires an appropriate approach towards software development. This rent management website is designed for people who want to manage various activities in the rent. For the past few years the number of educational institutions is increasing rapidly. And hence there is a lot of strain on the person who are running the restaurant and software's are not usually used in this context.

## **CHAPTER 3**

### **REQUIREMENT SPECIFICATION**

#### **3.1 Introduction**

In this project requirements specification report basically describes an environment for software/application under development. It completely describes the yield, cost, nature of the software/application.

Having a rental house becomes one of the necessities for many people and students in Dhaka. Especially students preparing to apply to the college but with the lack of hostel provided by universities, they have to rent a house outside their campus. Before having a rental house, people must be able to make the right decision. They must be able to make a survey to find a suitable rental house based on their preferences. The house location, house type, rental price and the furnished provided are some of the criteria considered by people in selecting the right rental house. To find the right rental house that matches with specific criteria is the hardest thing that someone has to do.

Students and bachelors have a difficulty to find the suitable rental house that matches with their needs because of the limited information provided in rental house advertisements through mass-media and mass-electronic. It is difficult for them to visualize the house without any additional details information. Some of the house owner and landlord also give false information about the actual condition of the house to the students. The worst thing is when the students sign a lease or agreement without previously viewing the property and only realize the truth after they had rented that house.

#### **3.2 Feasibility Study**

The existing system is clearly understood the next step is to conduct the feasibility study, where is a high level version of the entire System Analysis and Design process. The objective is to determine whether the proposed system is feasible.

Feasibility study is the process of determination of whether or not a project is worth doing. Feasibility studies are undertaken within tight time constraints and normally conclude in a written and oral feasibility report. The contents and recommendations of this feasibility study helped us as a

sound basis for deciding how to proceed the project. It helped in taking decisions such as which software to use, hardware combinations, etc.

### **1. Technical Feasibility**

In technical feasibility study, one has to test whether the proposed system can be developed using existing technology or not. It is planned to implement the proposed system using Windows XP, Apache Web Server. It is evident that the necessary hardware and software are available for the development and implementation of the

proposed system. Hence the solution is technically feasible. Technical feasibility determines whether the work for the project can be done with the existing equipment, software technology and available personnel. Technical feasibility is concerned with specifying equipment and software that will satisfy the user requirement.

### **2. Operational Feasibility**

This test of feasibility checks if the system works with least difficulties when it is developed and installed. The technical staff has sufficient knowledge of the tools being used and the user need just to know how to order product online system.

### **3. Economical feasibility**

As part of this the costs and benefits associated with the proposed system are to be compared and the project is economically feasible only if benefits outweigh costs. Development of this application is highly economically feasible.

The organization needed not spend much money for the development of the system already available. The only thing is to be done is making an environment for the development.

### 3.3 Requirement Analysis

#### User requirement

- Users can easily find their rental issue what his needs.
- To save our time to find any rental issue .
- User can easily find his tenant.
- User find any rental thing where he want wherever the location.
- This is online base , the program update day by day so user can quickly rent his element.
- People can easily rent his house ,transportation ,commercial property, under ground space,others.
- If user want a agreement paper with tenant ,we also provide it.

#### Non-Functional requirement & Functional requirement

- ☐ Operating System: Windows 7,8,10
- ☐ Language: HTML, CSS, JavaScript,
- ☐ BOOTSTRAP
- ☐ Database Management System: Xampp for local host database service with MySQL.

### 3.4 Conclusions

Certain merits have been associated with the proposed system which enhances the design of the system. Some of which are stated below:

It eliminates the presence of the audience who can whisper the It is free from buisness (all users are served equally).

It provides an immediate form of response to every user.

## **CHAPTER 4**

### **SYSTEM DESIGN**

#### **4.1 Introduction:**

Online Rent Advertisement System project is a complete online solution for rents who want to advertise their rent on online media or websites. Online Rent Advertisement System project is developed using HTML,CSS and SQL server. This project is developed for the users who want to manage their online rent advertisement from one place. This website is very helpful to any type of rent agency.

#### **4.2 DFD(Data flow diagram)**

Data flow diagram: A data-flow diagram (DFD) is a way of representing a flow of a data of a process or a system (usually an information system). The DFD also provides information about the outputs and inputs of each entity and the process itself. A data-flow diagram has no control flow, there are no decision rules and no loops.



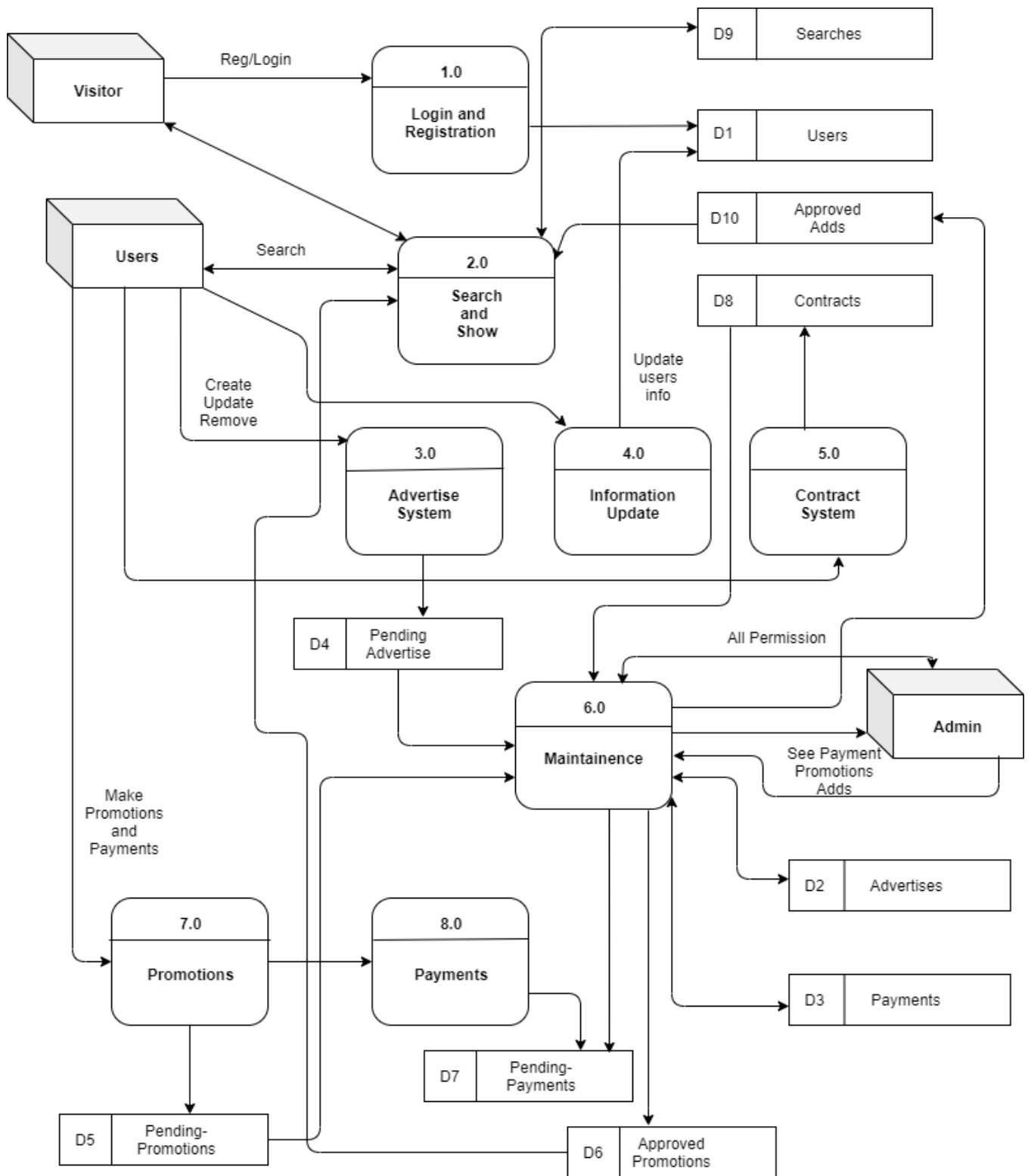


Figure: Level 1 DFD

Figure 4.1: Data Flow Diagram

### 4.3 E-R Diagram

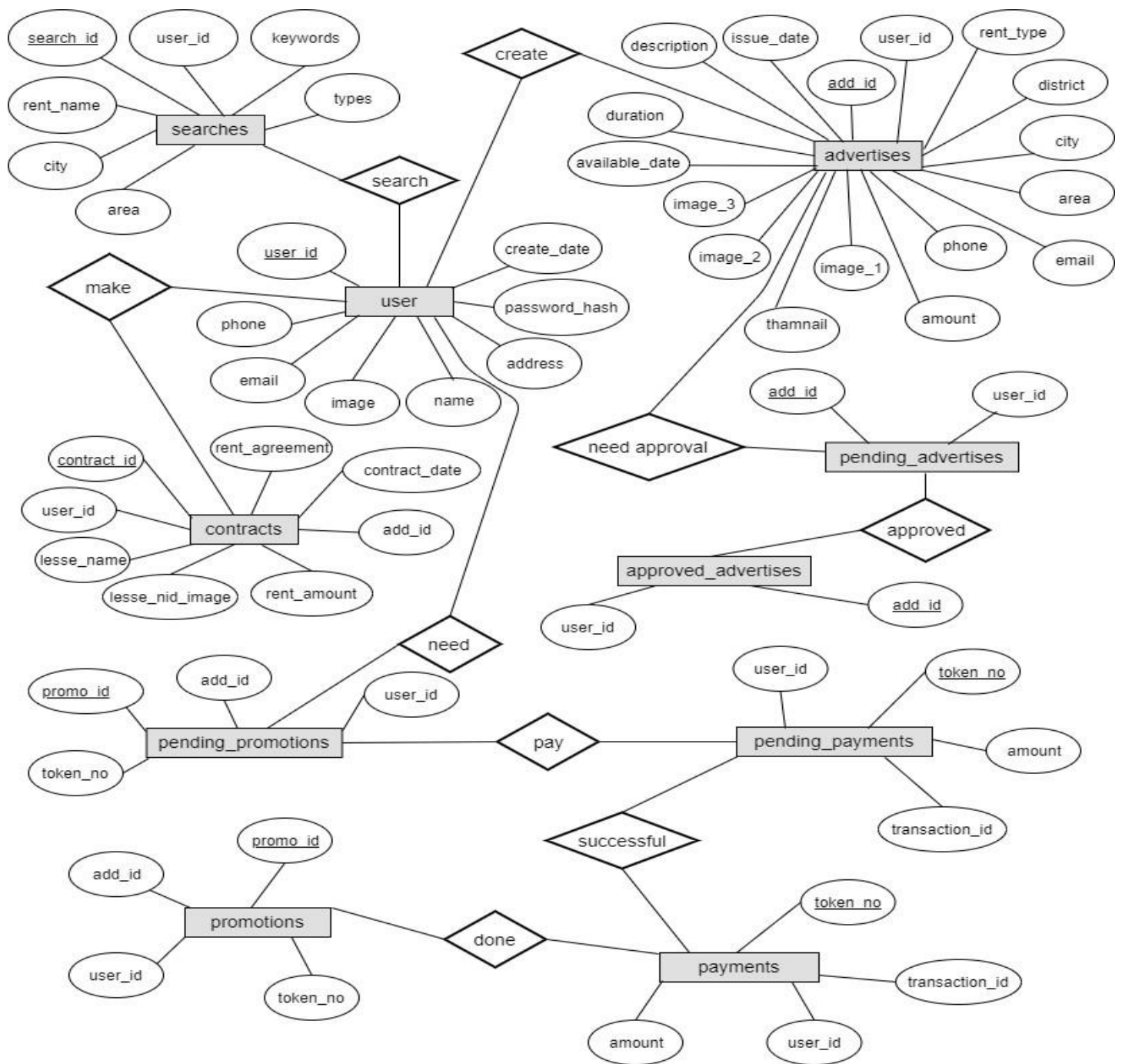


Figure : ER Diagram

Figure 4.2: ER diagram

#### 4.4 Use case Diagram:

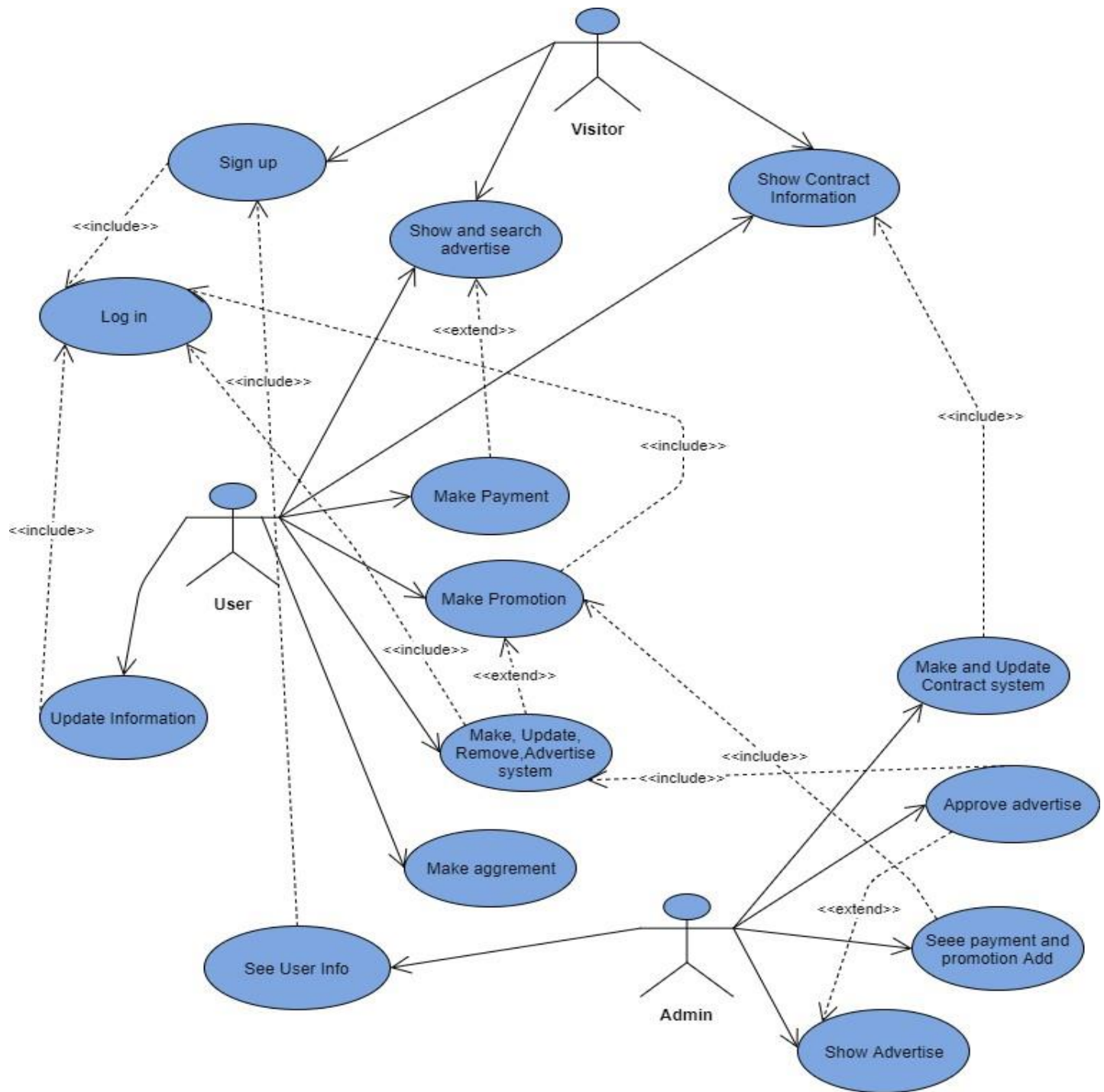


Figure: USE-CASE Diagram

Figure 4.3: Use case Diagram:

#### 4.5 Relational Schema:

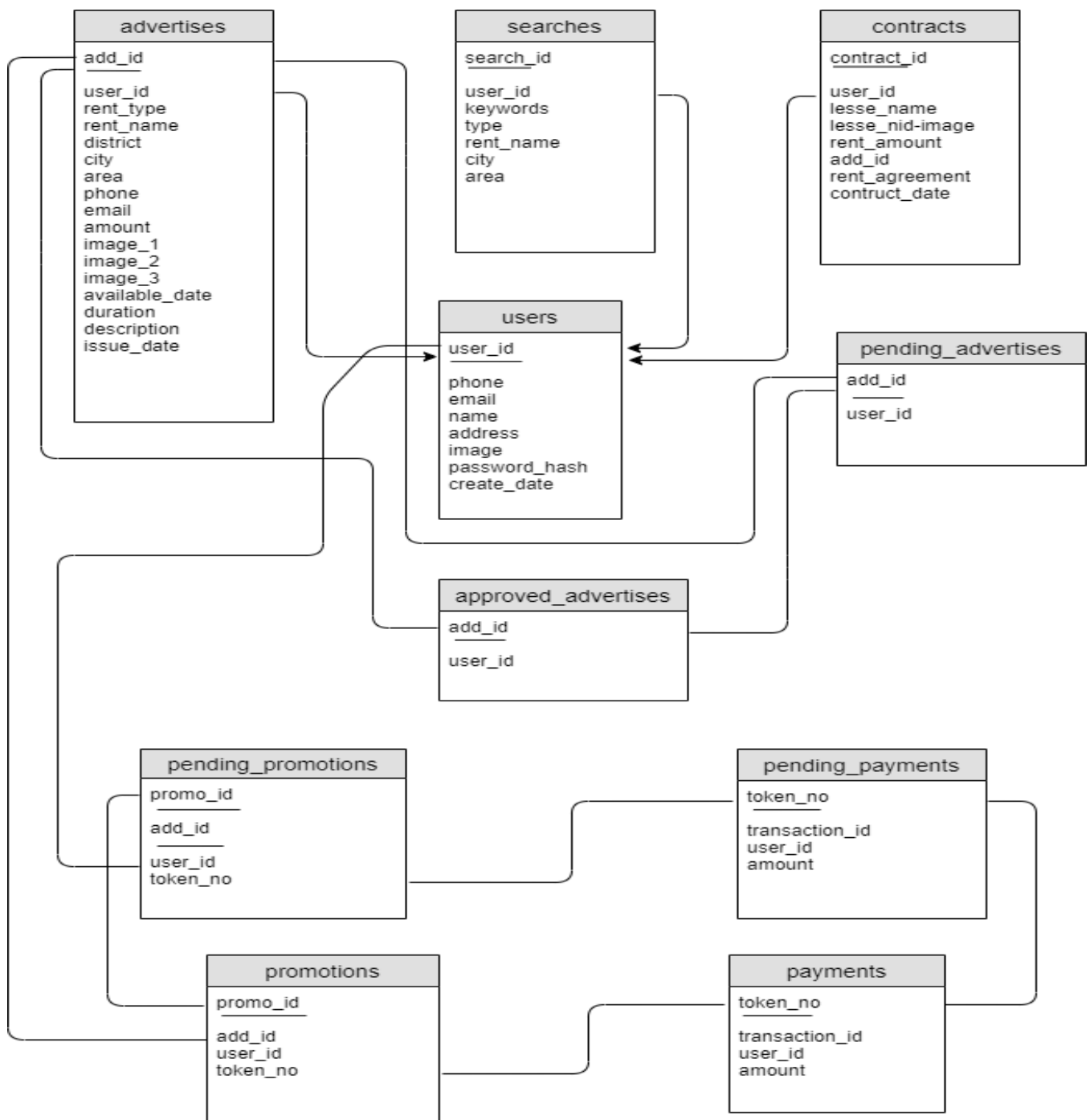


Figure: Relational Schema

Figure 4.4: Relational Schema

## **4.6 Conclusion**

The main objective of the project is to establish an integrated restaurant management system which enables us to automate the dynamic Administrative process in the restaurant. Establishing a strong and effective Management System. Achieving integration between developed management system and other available systems. Preparing electronic data that enable the process entering and converting data.

## **CHAPTER 5**

### **USER MANUAL**

#### **5.1 Introduction**

System development life cycle is referred to a methodology for developing systems. It produces a consistent frame work of tasks and deliverables needed to develop systems. The SDLC methodology may be condensed to include automated or manual, whether it is a new system, or an enhancement to existing system. The SDLC methodology tracks a project from an idea developed by the user through feasibility study, systems analysis and design, programming,pilot testing, implementation and post implementation analysis,

The development methods that intend to use for the online rent Advertisement system is the model which may be considered as an extension of the waterfall model, it offers a mean of

making the development process more visible. A system prototype can be developed to give end-user a concrete impression on the system capabilities. System life cycle is an organizational process of developing and maintaining systems, its helps in establishing a

system project plans because it gives overall list of process and sub processes required developing a system.

System development life cycle means combination of various activities. In other words various activities put together are referred to as system development life cycle. In the system analysis and design terminology system development life cycle is known to be software development life cycle, the following are the different phases of software development life cycle.Software concept, Requirement analysis, Architectural design, Coding and debugging.

## 5.2 Front-End Implementation

**5.3 Languages Used for front-end implementation:** HTML,CSS , BOOTSTRAP,JAVASCRIPT.

**5.4 Front -End task screenshot:**

**Home 1 for Visitor Interface of our project**



Figure 5.1: Home1 for Visitor

If the visitor to visit our website for any type of rent, then they can choose anything for rent and finally can contact admin to given information which is attached every image of any item.

## Home 2 For Visitor Interface of our project

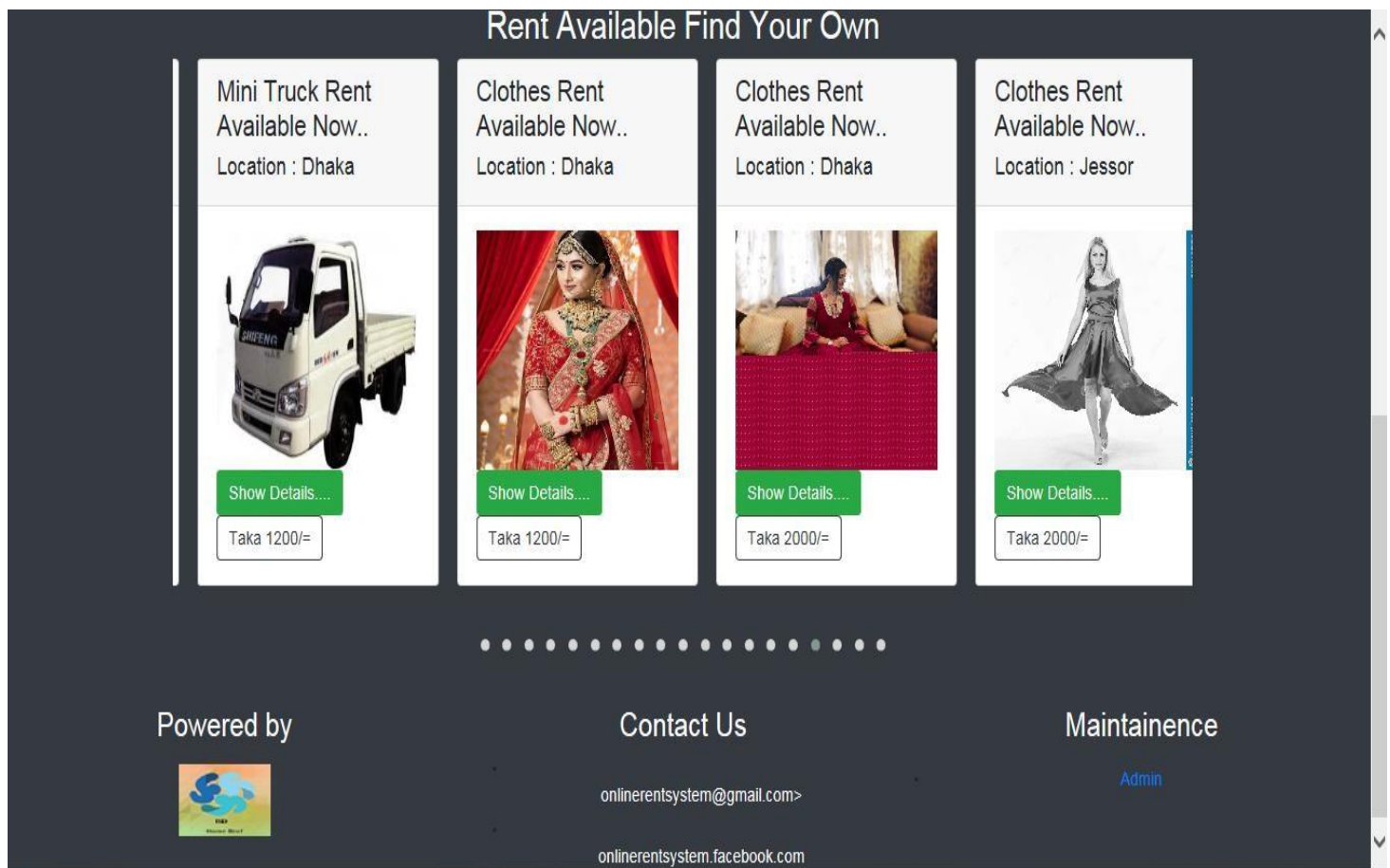


Figure 5.2: Home2 for Visitor

If the visitor to visit our website for any type of rent ,then they can choose anything for rent and finally they can contact admin to given information which is attached every image of any item.



## Home 1 For User Interface of our project

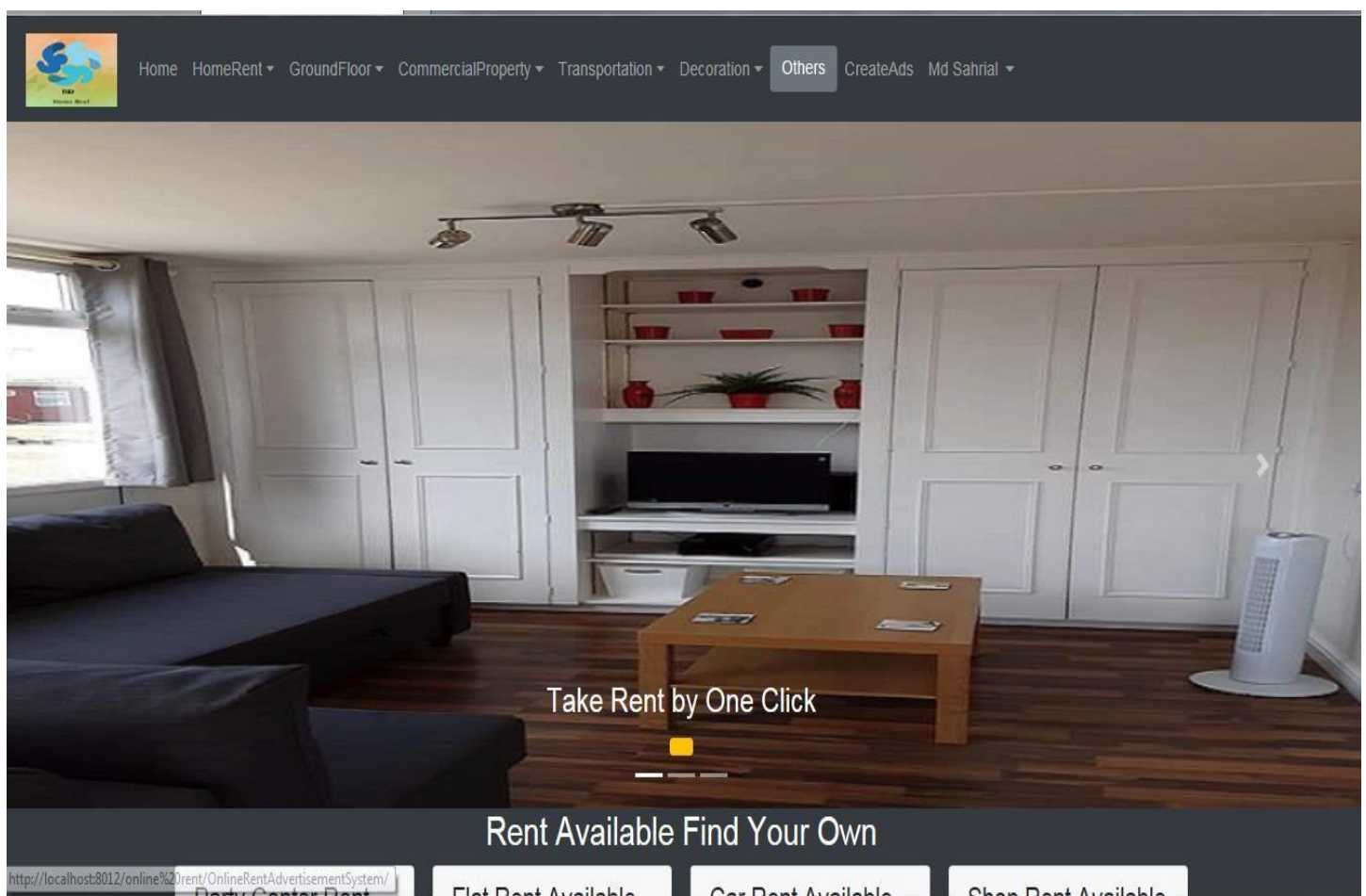


Figure 5.3: Home1

If the visitor to visit our website for any type of rent, then they can choose anything for rent and finally can contact admin to given information which is attached every image of any item.

## Home 4 Interface of our project

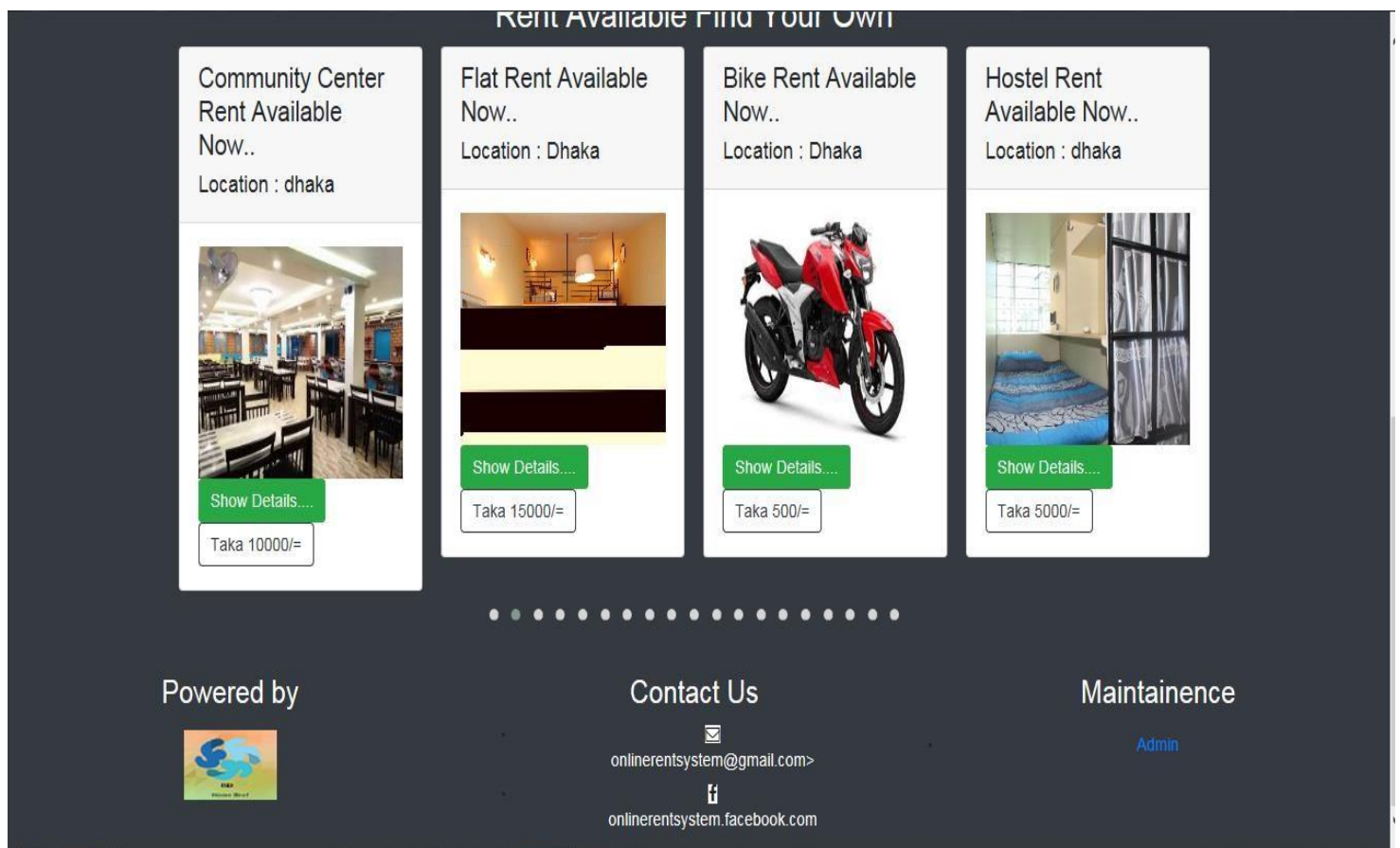


Figure 5.4: Home2

If the visitor to visit our website for any type of rent ,then they can choose anything for rent and finally can contact admin to given information which is attached every image of any item.

## Home 5 Interface of our project

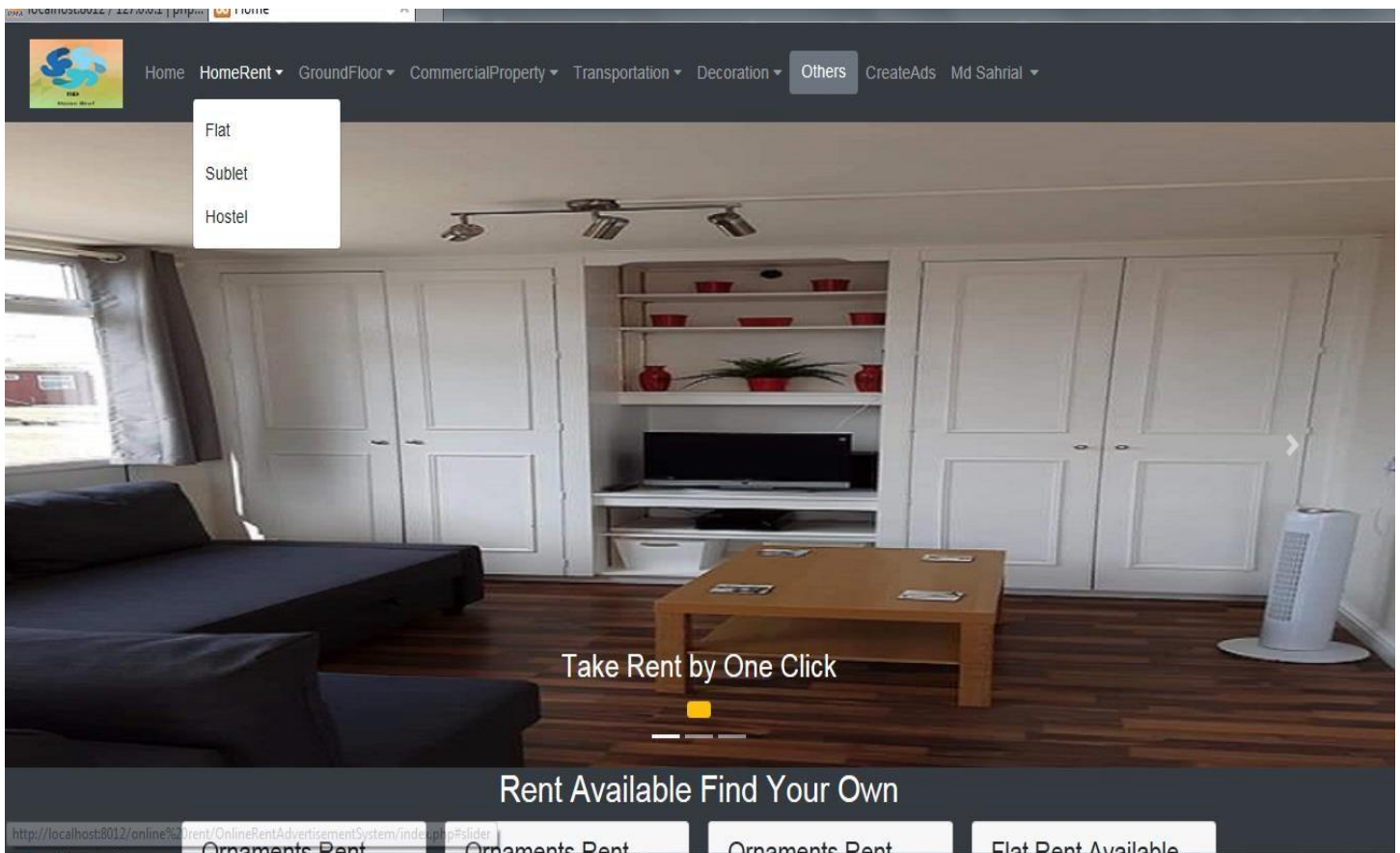


Figure 5.5: Home5

If the visitor to visit our website for any type of rent ,then they can choose anything for rent and finally can contact admin to given information which is attached every image of any item.

**5.6 Languages Used for back-end implementation:** PHP, DATABASE MYSQL

**5.7 Back-end tasks:** (Database tables Screenshot and the features that gives output from database):

**All Database**

StructureSQLSearchQueryExportImportOperationsPrivilegesRoutinesEventsTriggersTracking

Filters

Containing the word:

Table	Action	Rows	Type	Collation	Size	Overhead
<input type="checkbox"/> <b>advertises</b>	Browse  Structure  Search  Insert  Empty  Drop	76	InnoDB	utf8mb4_general_ci	9.5 MiB	-
<input type="checkbox"/> <b>approved_advertises</b>	Browse  Structure  Search  Insert  Empty  Drop	76	InnoDB	utf8mb4_general_ci	16.0 KiB	-
<input type="checkbox"/> <b>contract</b>	Browse  Structure  Search  Insert  Empty  Drop	65	InnoDB	utf8mb4_general_ci	16.0 KiB	-
<input type="checkbox"/> <b>pending_advertises</b>	Browse  Structure  Search  Insert  Empty  Drop	1	InnoDB	utf8mb4_general_ci	16.0 KiB	-
<input type="checkbox"/> <b>users</b>	Browse  Structure  Search  Insert  Empty  Drop	7	InnoDB	utf8mb4_general_ci	256.0 KiB	-
<b>5 tables</b>	<b>Sum</b>	<b>225</b>	<b>InnoDB</b>	<b>utf8mb4_general_ci</b>	<b>9.8 MiB</b>	<b>0 B</b>

☐ Check all

With selected:

Print Data dictionary

Create table

Name:

Number of columns:

Figure 5.6: All Database

## User Database

☐ Profiling [\[Edit inline\]](#) [\[Edit\]](#) [\[Explain SQL\]](#) [\[C\]](#)

☐ Show all | Number of rows: 25 | Filter rows:  Sort by key: None

Options

	user_id	phone	email	name	address	image	password_hash	create_date
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	26	01517006330	anam.mubin1999@gmail.com	mubin	Mirpur - 14, Dhaka	[BLOB - 64.0 KiB]	10332fde3245e4f3bfc1d50669407aec	2020-10-31
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	27	01923610836	aman.araf1999@gmail.com	Aman Araf	dhaka	[BLOB - 46.4 KiB]	0073ec8e86256505a4f1cbc0c3e9787d	2020-11-03
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	29	98798	asd@gmail.com	mubin	Mirpur - 14, Dhaka	[BLOB - 10.2 KiB]	0073ec8e86256505a4f1cbc0c3e9787d	2020-11-03
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	30	01612859911	anam.mubin1999@gmail.com	Khairul Anam Mubin	Mirpur - 14, Dhaka	[BLOB - 64.0 KiB]	444bcb3a3cf8389296c49467f27e1d6	2020-11-05
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	31	019	sunny@gmail.com	sunny	jessore	[BLOB - 8.1 KiB]	533c5ba8368075db8f6ef201546bd71a	2020-11-05
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	32	01915676144	muhib@gmail.com	Muhib	Jessore	[BLOB - 64.0 KiB]	827ccb0eea8a706c4c34a16891f84e7b	2020-11-05
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	33	01971727971	sahrial@gmail.com	Md Sahrial	Jhenaidah	[BLOB - 64.0 KiB]	827ccb0eea8a706c4c34a16891f84e7b	2020-11-06

☐ Check all | With selected: ☐ Edit ☐ Copy ☐ Delete ☐ Export

























☐ Show all | Number of rows: 25 | Filter rows:  Sort by key: None

Figure 5.7: User Database



## Advertising Database

ptions

T→		▼	add_id	user_id	rent_type	rent_name	district	city	area	phone	email	amount	image1	image2	image3	available_date	duration	descrip
			13	0	Transportation	Bike	dhaka	mirpur	mirpur 13	01923232	sadasd@gmail.com	100000	[BLOB - 8.1 KiB]	[BLOB - 10.6 KiB]	[BLOB - 13.6 KiB]	2020-10-12	1 month	Mathem
			14	0	CommercialProperty	Party Center	dhaka	mirpur	mirpur 13	01716512215	sadasd@gmail.com	123213	[BLOB - 64.0 KiB]	[BLOB - 14.6 KiB]	[BLOB - 9.0 KiB]	2020-10-12	1 month	adadjha ajdhgajs adajshd
			15	0	Home Rent	Flat	jessore	jessore	jessore jilla school	01617238699	anam.mubin@gmail.com	20000	[BLOB - 37.1 KiB]	[BLOB - 6.0 KiB]	[BLOB - 13.0 KiB]	2020-10-12	1 month	nice
			16	0	Home Rent	Hostel	dhaka	tejgao	farmgate	0192352131	anam.mubin@gmail.com	5000	[BLOB - 28.7 KiB]	[BLOB - 6.0 KiB]	[BLOB - 58.6 KiB]	2020-12-01	6 month	wifi avail
			17	0	GroundFloor	Car Parking	khulna	khulna	fulbarigate	01923610836	anam.mubin@gmail.com	1000	[BLOB - 9.2 KiB]	[BLOB - 64.0 KiB]	[BLOB - 5.7 KiB]	2020-12-01	6 month	5 car car easily fit place
			18	0	CommercialProperty	Conference Room	dhaka	mirpur	mirpur 13	019236123	sadasd@gmail.com	10000	[BLOB - 64.0 KiB]	[BLOB - 15.2 KiB]	[BLOB - 12.0 KiB]	2020-10-12	6 month	very wel decorate
			20	26	CommercialProperty	Restaurants	dhaka	mirpur	mirpur 13	01517006330	anam.mubin@gmail.com	30000	[BLOB - 13.2 KiB]	[BLOB - 12.4 KiB]	[BLOB - 12.0 KiB]	2020-10-12	6 month	well dec
			21	26	CommercialProperty	Community Center	dhaka	mirpur	kochukhet	01923610836	anam.mubin@gmail.com	10000	[BLOB - 12.0 KiB]	[BLOB - 12.4 KiB]	[BLOB - 64.0 KiB]	2020-10-12	6 month	new con
			22	26	GroundFloor	Shop	dhaka	mirpur	kochukhet	01923610836	anam.mubin@gmail.com	3000	[BLOB - 15.5 KiB]	[BLOB - 13.0 KiB]	[BLOB - 64.0 KiB]	2020-10-12	6 month	good
			23	26	Transportation	Car	dhaka	mirpur	mirpur 13	01517006330	anam.mubin@gmail.com	2000	[BLOB - 7.3 KiB]	[BLOB - 7.3 KiB]	[BLOB - 7.3 KiB]	2020-10-12	6 month	BMW :p
			24	26	Transportation	Bus	luxmipur	raypur	bashabari	01923610836	anam.mubin@gmail.com	1000000	[BLOB - 7.3 KiB]	[BLOB - 7.4 KiB]	[BLOB - 64.0 KiB]	2020-10-12	6 month	well conditior and mas

Console

Figure 5.8: Ad Database

## **5.8 Conclusions**

When the product is finalized, it will be run on a real world environment and test on its performance. If the performance is satisfactory, it will be applied, else amendment will be made to correct the problems. After the system has been run for daily operation, continued maintenance and administration should be carried out to handle any system errors and security issues.

This will entail the pre-test, validity test, pilot and reliability test and the data survey.



## **CHAPTER 6**

### **USER MANUAL**

#### **6.1 Introduction**

The purpose of this project is to provide a platform for users and rental owners in an effective and efficient manner. Online Renting System is a non stop rental portal. It provides services such as Service Apartments, Flat, Sublet, Hostels, Shop, Garage ,Car parking, Store House, Guest Houses, Party Center, Conference Room, Conventional Hall, Community Center, Restaurant Center, Bus , Car, Bike, Truck, Mini Truck, Clothes, Ornaments, others. It provides the facility to make online orders and get everything done before you reach the destination., generating statistical reports, and other references.

This report focuses on the design and implementation of online rent advertisement system.

It deals with the It focuses in the technical aspects of the system starting with identifying the necessary components and building the relevant relationship between or among them as needed for the smooth and efficient operation of the system.

#### **5.2 System Requirements**

##### **H/W Requirement**

a) **Server**

**Configuration:**

**PROCESSOR / CHIPSET :**

CPU - Intel Core i7 (7th Gen) 7500U / 2.7 GHz Max Turbo Speed - 3.5 GHz

Number of Cores - Core i3 Cache - L3 - 4 MB

64-bit Computing - Yes

**RAM:**

Memory Speed - 2133 MHz

Memory Specification Compliance - PC4-17000 Configuration Features - 1 x 8 GB

Technology - DDR4 SDRAM Installed Size - 4 GB

Rated Memory Speed - 2133 MHz

**MEMORY:**

Max Supported Size - 16 GB Technology - DDR4 SDRAM Speed - 2133 MHz / PC4- 17000 - 2133 MHz

**b) End User/Client**

Configuration of our Computer:

**PROCESSOR / CHIPSET :**

CPU - Intel Core i7 (7th Gen) 7500U / 2.7 GHz

Max Turbo Speed - 3.5 GHz Number of Cores – Core i3

Cache - L3 - 4 MB

64-bit Computing - Yes

**RAM :**

Memory Speed - 2133 MHz

Memory Specification Compliance - PC4-17000 Configuration Features - 1 x 8 GB

Technology - DDR4 SDRAM Installed Size - 4 GB

Rated Memory Speed - 2133 MHz

**MEMORY :**

Max Supported Size - 16 GB Technology - DDR4 SDRAM

Speed - 2133 MHz / PC4-17000 - 2133 MHz

Form Factor - SO-DIMM 260-pin Slots Qty - 2

Empty Slots - 1

### **6.2.1 S/W Requirements**

6.2.1.1.1	Operating System: Windows 7/ XP/8/10
6.2.1.1.2	Front End: HTML, CSS,JavaScript,Bootsrtap
6.2.1.1.3	Server Side Script: PHP
6.2.1.1.4	Database: MySQL
6.2.1.1.5	Dependency Manager: Composer (If local server using)
<b>6.2.1.1.6</b>	Local server setup package: XAMPP, WAMP or other apache, MySQL servers (If local server using)
6.2.1.1.7	Operating System: Windows 7/ XP/8/10
6.2.1.1.8	Browsers: Firefox, Opera Mini, Chrome (All the browsers)

## User Interface all the screenshots with explanation

### Login Form

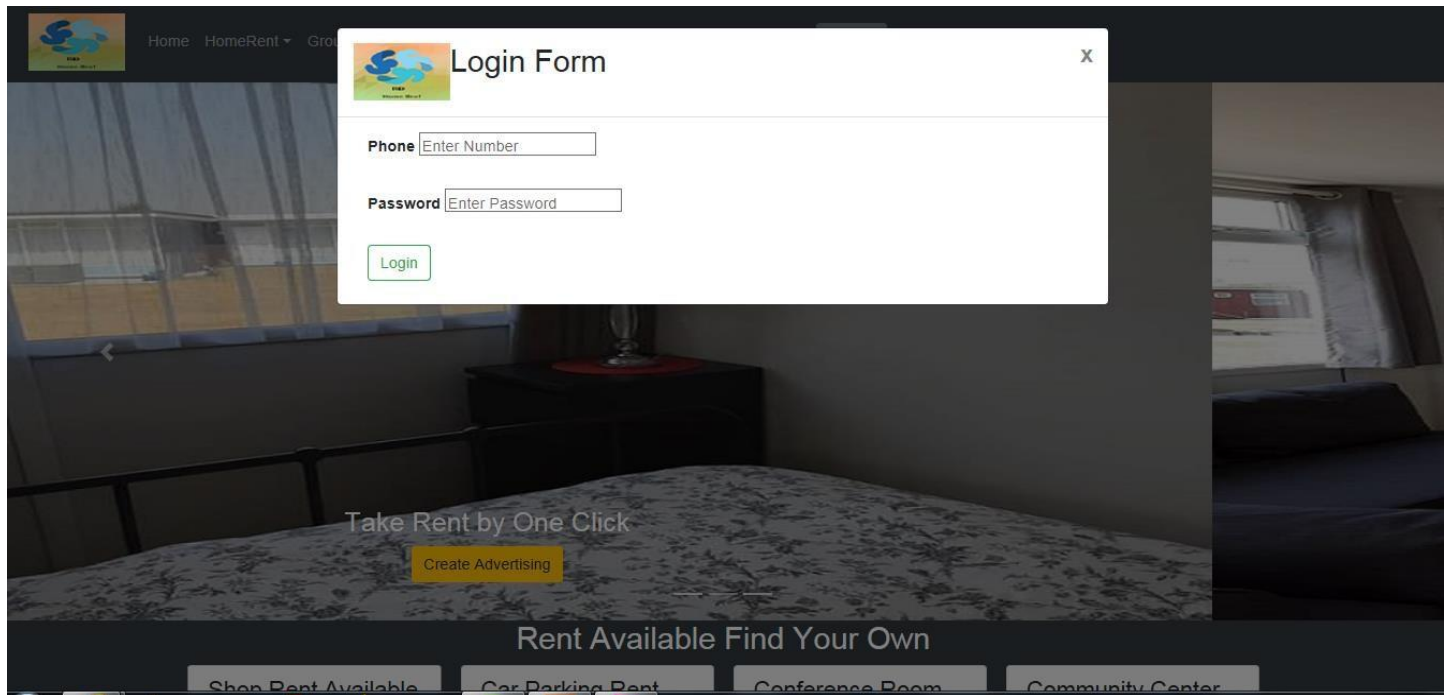


Figure 6.1: Login

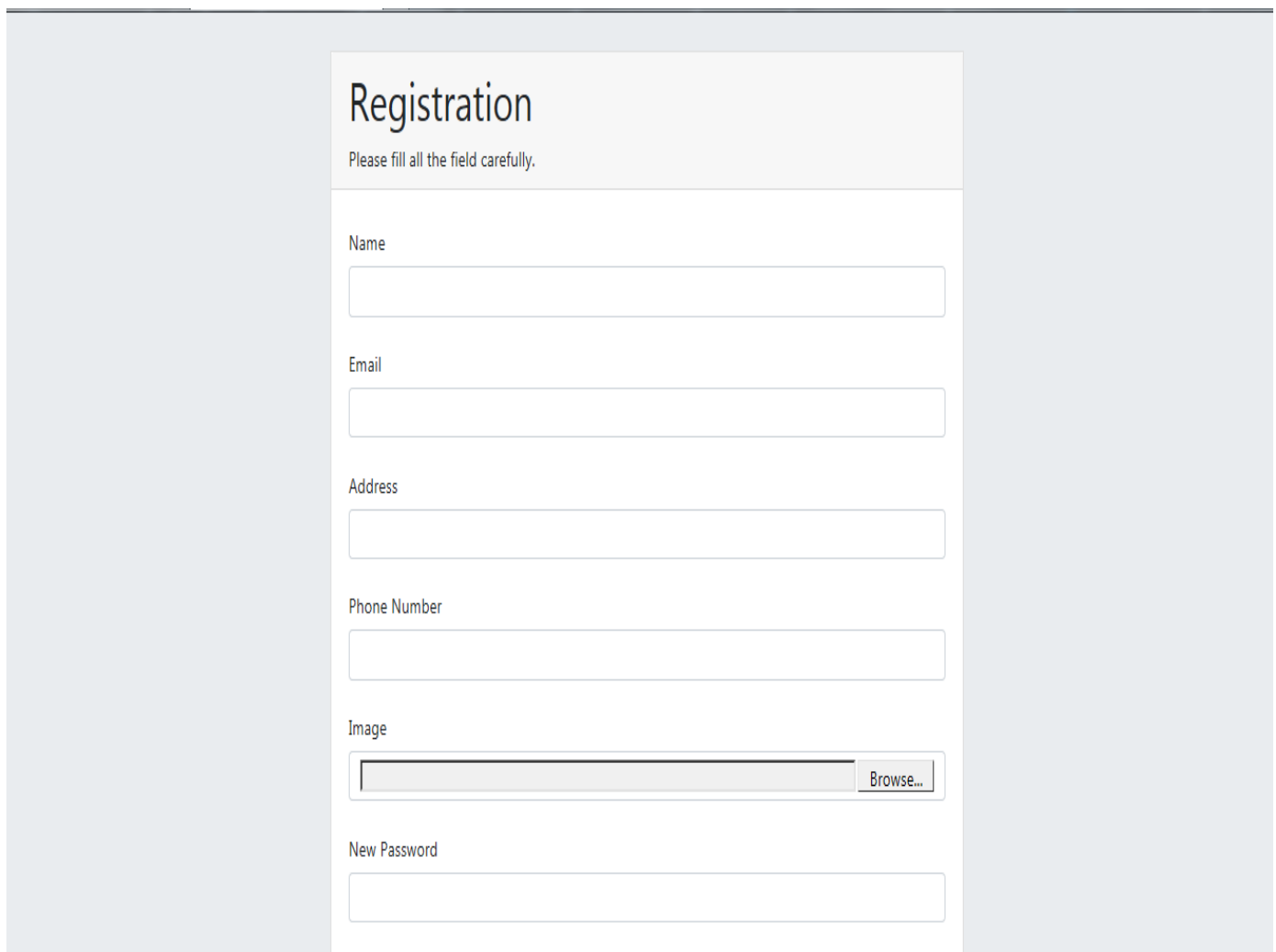
### User : Registered User

#### Use case 1 : Log In Brief Description :

Initial step by step description :

1. User can Log in by log in form
2. After click the log in button a log in page appear to the user
3. He have to fill up the log in form using phone number and password

## Registration form



The image shows a web registration form titled "Registration" in a large, bold font. Below the title is a subtitle "Please fill all the field carefully." in a smaller font. The form contains several input fields: "Name", "Email", "Address", "Phone Number", "Image", and "New Password". The "Image" field is unique, featuring a long, thin rectangular box with a "Browse..." button on its right side. All input fields are currently empty. The form is set against a light gray background with a darker gray border on the left and right sides.

Registration

Please fill all the field carefully.

Name

Email

Address

Phone Number

Image

Browse...

New Password

Figure 6.2: Registration

**Use case 2 : Registration Brief Description :**

Initial step by step description :

1. Visitor select the registration button. Then appear a registration page to the user

2. Visitor have to fill up the registration form using name , email, addres, phone number, image,new password, confirm password
3. He/She have to click “Save New user Info” button.

### Create Advertise form

# Advertises

Please fill all the field carefully.

Rent Name

--Select Rent Name--

District

City

Area

Amount

Email

Phone Number

Image1

Image2

Image3

Available Date

Duration Date(Days)

Description

Make Advertises

Figure 6.3: Make Advertising

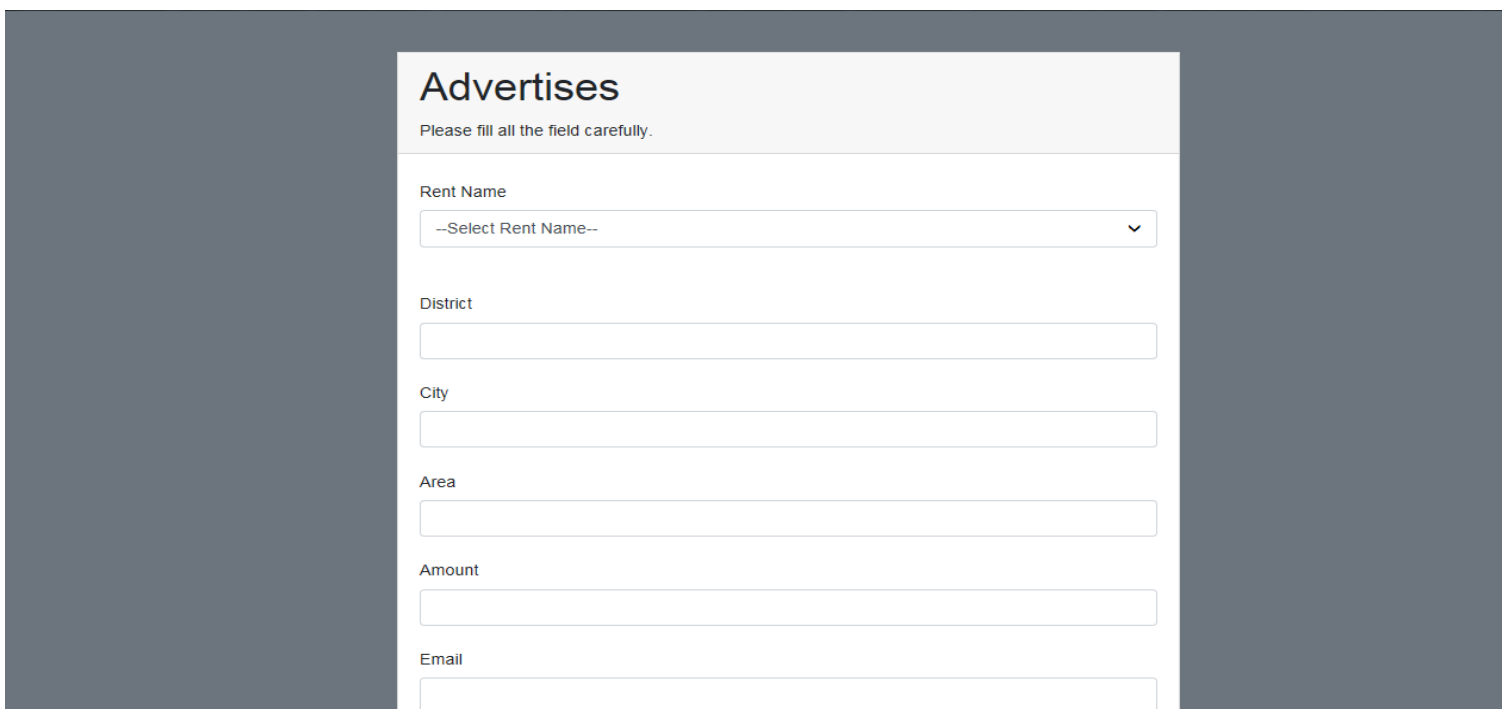
**Use case 3 : Create Advertisement Brief Description :**

Initial step by step description :

1. The user have to click Create Ad. Button for creating advertisement
2. Then he have to select rent name
3. Then he have to fill up the form using District,city,area,amount,email, Phone number,
4. Then he have to insert three image of the corresponding advertisement

5. And after that he have to insert available date and duration
6. Finally he have to give a well description of his rent
7. After fill up the required information he have to click “Make Advertisement” button for creating advertisement.

### **Search Advertise form**



The screenshot shows a web form titled "Advertises" with a subtitle "Please fill all the field carefully.". The form contains several input fields: a dropdown menu for "Rent Name" with the placeholder "--Select Rent Name--", and text input fields for "District", "City", "Area", "Amount", and "Email". The form is set against a dark grey background.

### **User : Visitor**

**Use case 1 :** Search Advertisement Brief Description :

Initial step by step description :

1. The visitor choose to search by rent type, location, price or select from dropdown nav
2. The system displays the choices to the visitor
3. The visitor select the advertisement desired
4. The system present the information of the Ad. to the visitor without the phone number of the owner



## Admin login form

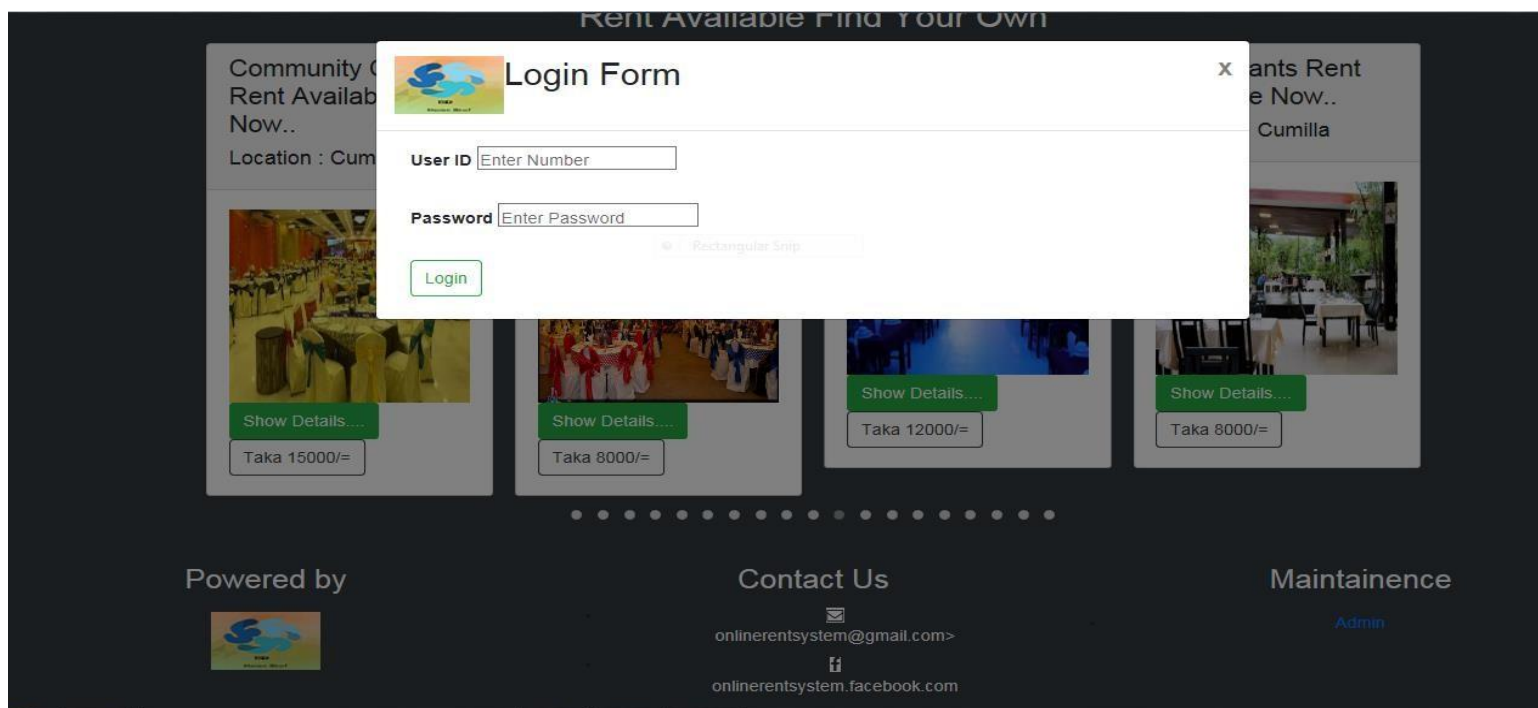


Figure 6.4: Login for admin

### User : Admin

#### Use case 1 : Log In Brief Description :

Initial step by step description :

1. In home page under maintenance there is an admin option.

After click the admin option , a log in page will appear and he have to log in as an admin

## View Advertise

[New Users](#) [View Advertisers](#) [Log Out](#)

All Pending Ads info goes here



Rent Add Id	Rent Type	Rent Name	Rent Area	Rent Amount	Email	Phone	Available Date	Description	image	Action
86	CommercialProperty	Conventional Hall	kochukhet	10000	anam.mubin@gmail.com	01923610836	2020-10-12	nice		<a href="#">Delete</a> <a href="#">ADD</a>
87	CommercialProperty	Conventional Hall	kochukhet	100000	anam.mubin@gmail.com	019222222	2020-10-12	well decorated		<a href="#">Delete</a> <a href="#">ADD</a>

Figure 6.5: Show Ad details

### Use case 2 : View Advertise Brief Description :

Initial step by step description :

1. Admin can see the pending advertise.
2. Admin can approve ad and he can delete add from website.

## View user profile

Home View User Profile View Advertise

All Users info goes here

User Id	User Name	User Email	User Phone	Address	Action
26	mubin	anam.mubin1999@gmail.com	01517006330	Mirpur - 14, Dhaka	Delete
27	Aman Araf	aman.araf1999@gmail.com	01923610836	dhaka	Delete
29	mubin	asd@gmail.com	98798	Mirpur - 14, Dhaka	Delete
30	Khairul Anam Mubin	anam.mubin1999@gmail.com	01612859911	Mirpur - 14, Dhaka	Delete
31	sunny	sunny@gmail.com	019	jessore	Delete
32	Muhib	muhib@gmail.com	01915676144	Jessore	Delete
33	Md Sahrial	sahrial@gmail.com	01971727971	Jhenaidah	Delete

http://localhost:8012/online%20rent/OnlineRentAdvertisementSystem/index.php

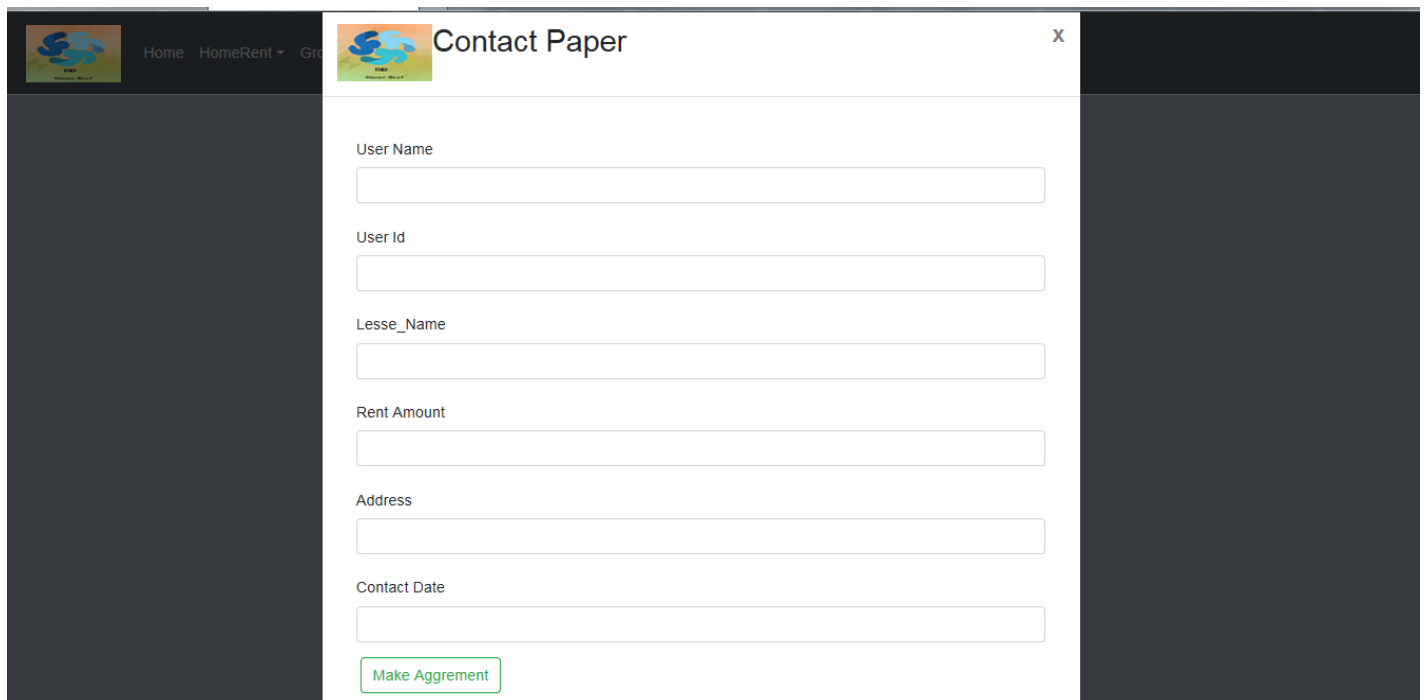
Figure 6.6 Show User details

### Use case 2 : View user profile Brief Description :

Initial step by step description :

Admin can see the profile of user . If admin want ,he can delete any user from the website.

## Contact paper from



The screenshot shows a web application interface with a dark sidebar on the left and a main content area. The main content area has a header with a logo and the title 'Contact Paper' with a close button (X). Below the header is a form with the following fields:

- User Name
- User Id
- Lesse\_Name
- Rent Amount
- Address
- Contact Date

At the bottom of the form is a green button labeled 'Make Aggrement'.

Figure 6.7: Contract paper

## Use case 5 : Contract paper Brief Description :

Initial step by step description :

1. User can create a contract paper by using this website.
2. After click the contract paper a page will appear.
3. The he have to fill up the page with required information

4. The he have to click “Make Agreement” button for complete the task.

### **6.3 Conclusion**

The system can keep track of the members joining and leaving the website , borrowing and returning of the rents. Checking the availability of the rents using different attributes as parameters. Finally checking of the overdue rents and fines payable is another feature of the system.

## **CHAPTER 7**

### **LIMITATION AND FUTURE PLANS**

#### **7.1 Limitation:**

- ☐ Need more security
  
- ☐ Visitor and Registered User. Both show Client advertise information

#### **7.2 Plans:**

- ☐ Improve security system
  
- ☐ Client Advertise information should be restricted
  
- ☐ First few month promotion with free cost then we can take pay

## **CHAPTER 8**

### **CONCLUSIONS**

Finally the application of Online Rent Solution brings efficiency, simplification the rental searching processes, reduce suffering to get desire rental house, shop, office and above all improve the delivery of services to the customers. In short the Online Rent Solution should be featured with unparalleled flexibility & scalability, comprehensive information types that simplify complex rental searching method.

Students and bachelors have a difficulty to find the suitable rental house that match with their needs because of the limited information provided in rental house advertisements through mass-media and mass-electronic. It is difficult for them to visualize the house without any additional details information. Some of the house owner and landlord also give false information about the actual condition of the house to the students. The worst thing is when the students signs a lease or agreement without previously viewing the property and only realize the truth after they had rent that house.

This report focuses on the design and implementation of online rent advertisement system. It deals with the It focuses in the technical aspects of the system starting with identifying the necessary

components and building the relevant relationship between or among them as needed for the smooth and efficient operation of the system.

In this section you describe the system down to the code level. Do not attempt to describe all the code in the system, and do not include large pieces of code in this section. Describe just the pieces of code which are especially critical to the operation of the system. Also, discuss the most important/interesting aspects.

he process starts with the entities involved in the system, with proceeding towards the ER Diagram in order to identify the meaningful relationship between the entities. Next is the table design which fulfils the normalization principle of relational database system and finally the physical tables are created with the necessary and relevant data in them.

The system can keep track of the members joining and leaving the rent , borrowing and returning of the rents. Checking the availability of the rents using different attributes as parameters. Finally checking of the overdue rents and fines payable is another feature of the system.

Certain merits have been associated with the proposed system which enhances the design of the system. Some of which are stated below:

It eliminates the presence of the audience who can whisper the It is free from buisness (all users are served equally).

It provides an immediate form of response to every user. It facilitates easy learning.

Online Rent Advertisement System project is a complete online solution for rents who want to advertise their rent on online media or websites. Online Rent Advertisement System project is developed using HTML,CSS and SQL server. This project is developed for the users who want to manage their online rent advertisement from one place. This website is very helpful to any type of rent agency.