

# HOME APPLIANCES FOR RENT

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## PURPOSE OF THE PROJECT

**Abstract** - Rental Home Appliances Management System is a team of positive minded and dedicated business professionals committed to becoming the world's first choice for people requiring home appliance rentals. We are accountable and responsible for our own future; integrity and honesty are the backbone of our business ethos.

We continually strive to provide the best possible marketing, administration, training and operational systems through the synergy of our team to ensure the profitable operation of the franchises.

### 1. INTRODUCTION

Rental Home Appliances Management System is a team of positive minded and dedicated business professionals committed to becoming the world's first choice for people requiring home appliance rentals. We are accountable and responsible for our own future; integrity and honesty are the backbone of our business ethos. We continually strive to provide the best possible marketing, administration, training and operational systems through the synergy of our team to ensure the profitable operation of the franchises.

Rental Home Appliances Management System provided in the application with various items. **Rent with us and you can have that new TV, Fridge and Washing Machine** now; it provides customer status also. Rental Shopping offers **free Delivery and Installation within 24 hours** - you get what you want now and we deliver it to your door, install them, show you how they work, **FREE** at Rental Shopping this is all part of the service. When you rent from Rental Shopping you will have the **latest** and all the leading brands all the time, renting means you get what you want when you want it.

### 2. OVERVIEW OF THE SYSTEM

#### PROBLEMS EXISTING SYSTEM

The existing has following drawbacks.

1. It is less user-friendly.
2. It is having lots of manual work (Manual system does not mean that you are working with pen and paper, it also include working on spread sheets and other simple software's).
3. The present system is very less secure.
4. It is unable to generate different kinds of report.

5. It doesn't have the file upload feature.
6. It cannot provide online registration.
7. It cannot provide online items purchase for rent.

### SOLUTION OF THESE PROBLEMS

- **Reliability:** The project performs intended function with required precision; hence this project is very reliable.
- **Feasibility:** The project maintenance is very easy and modifications can be made in the existing system in future. All data will locate as centralized.
- **Online Processing:** The online processing of the project is very simple following the existing manual method without changes and suitable validation is provided for the easy and correct access of users.
- **Security:** Security measures are taken to avoid mishandling of database. Password restrictions are provided to enter into database. A correct password only will access to the database

### NO. OF MODULES

1. Administrator
2. Customer
3. Authentication
4. Search
5. Reports
6. Public User
7. Registration

### MODULES DESCRIPTION

#### Administrator:

Administrator is the super user to the project. He/she manages the Products (Computers, Fitness, laundry, etc) and also manages Product Details of particular Product. Administrator can search the customers, products and product Details of particular product. He can also receive the check requests (Order Requests) from Customers.

#### Customer:

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#### Authentication:

The process of identifying an individual usually based on a username and password. In security systems, authentication is distinct from authorization, which the process of giving individuals access to system object based on their identity. Authentication merely ensures that the individual is who he or she claims to be, but says nothing about the access rights of the individual.

#### Registration:

The system has a process of registration. Every user need to submit their complete details including user name and password in the form of registration. Whenever a user registration completed then only a user can get log in into the system by using his user id and password.

#### Search:

This module is used to search the required information.

Admin can search the members who are register into the site and search the Products and Product Details of particular product.

### Reports:

Admin will generate the

- Customer information report
- Product details report
- Order request report

### NO. OF USERS

1. Administrator
2. Customer
3. Public Users

### INPUT & OUTPUT

The following some are the projects inputs and outputs.

#### Inputs:

- Admin preserves products and Product Details of the Particular product.
- Customer select products and it displays the Product details of the particular product.
- Customer gives the Order Requests to Admin.
- Customer can change his password.

#### Outputs:

Admin will get his home page.

Registration details will be stored in centralized database.

Admin and customer can view the products and Product details of the particular product

Admin will generate Members report, Product details report.

Admin can Search the products

Customer can view the order request status (Accept/Reject).

### 2.2. PROPOSED SYSTEM

By considering the existing system the new proposed system providing the facility like that the company can make request for Employee E-commerce For Home Appliance Leasingas well as receives the status of the verification from third party company. That data can be accessed by authorized persons. By this new system general company can know that status data about employee.

### 2.3. INPUT AND OUTPUT

#### INPUT & OUTPUT

The following some are the projects inputs and outputs.

#### Inputs:

- Admin preserves products and Product Details of the Particular product.
- Admin and customer enters the credentials.
- Customer select products and it displays the Product details of the particular product
- Customer gives the Order Requests to Admin.
- Customer can change his password.
- Registration details will be stored in

centralized database.

**Outputs:**

- Admin and customer will get his home page.
- Admin and customer can view the products and Product details of the particular product
- Admin will generate Members report, Product details report.
- Admin can Search the products.
- Admin can Accept/Reject the Order Request.
- Customer can view the order request status (Accept/Reject).

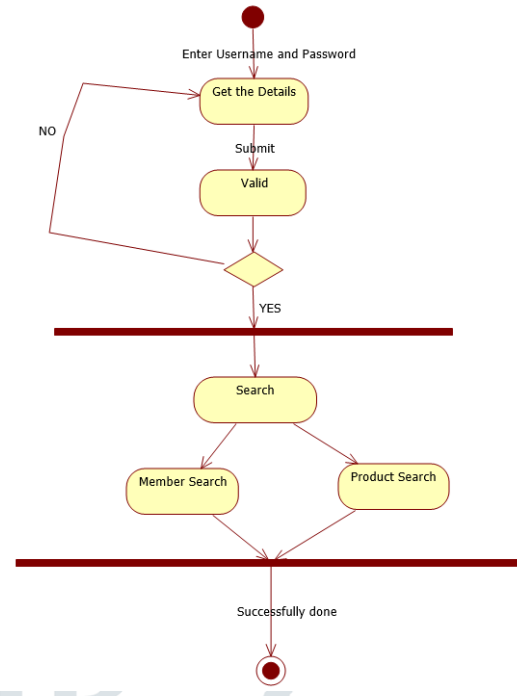


Fig 3.2: Admin Search Activity Diagram

**3.SYSTEMDESIGN**

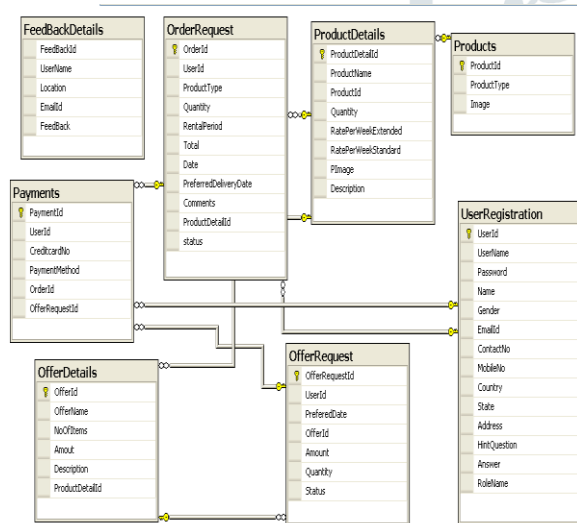


Fig 3.1: ER Diagram

**4. OUTPUT SCREEN SHOTS**

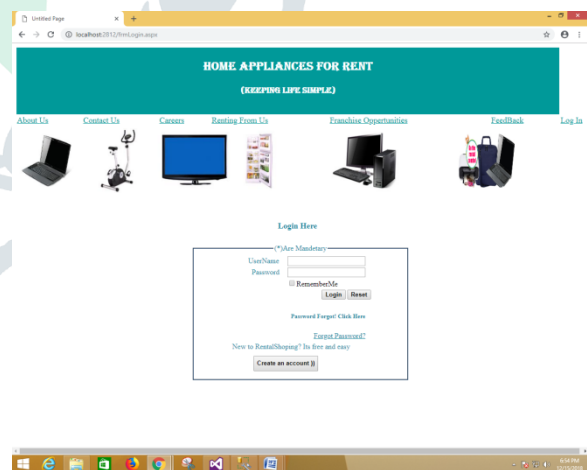


Fig 4.1: Home Page

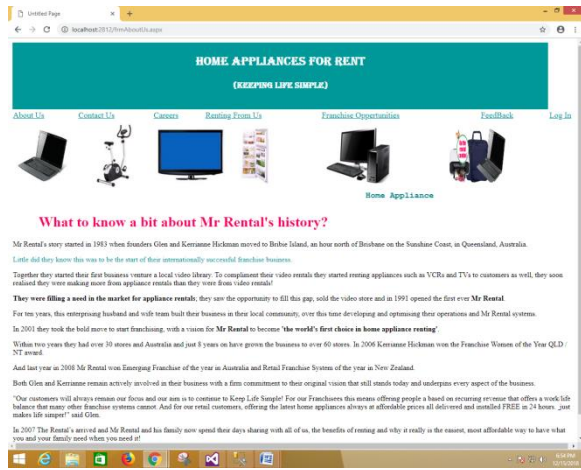


Fig4.2: about us Page

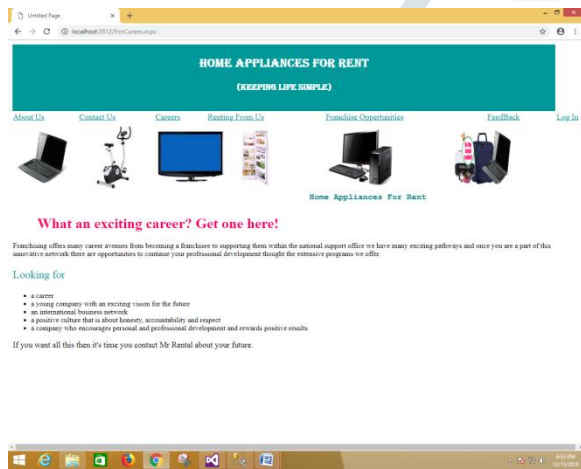


Fig 4.3: Careers Page

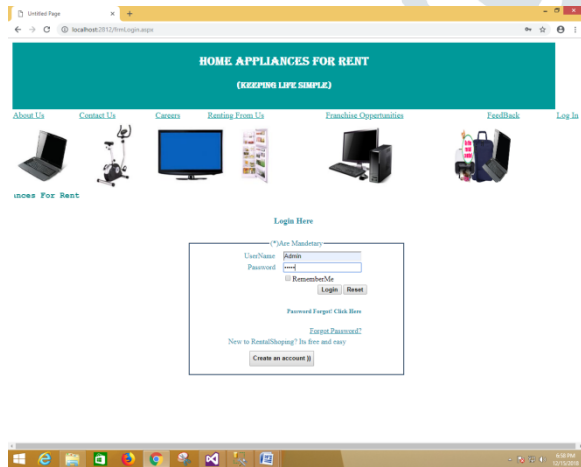


Fig 4.4: Login Page

## 5. CONCLUSION AND FUTURE ENHANCEMENT

It has been a great pleasure for me to work on this exciting and challenging Home Appliances For Rentproject.It also provides knowledge about the latest technology used in developing web enabled application and client server technology that will be great demand in future. This will provide better opportunities and guidance in future in developing projects independently.

### BENEFITS:

The project is identified by the merits of the system offered to the user. The merits of this project are as follows: -

- It's a web-enabled offers project.
- This project offers user to enter the data through simple and interactive forms. This is very helpful for the client to enter the desired information through so much simplicity.
- The user is mainly more concerned about the validity of the data, whatever he is entering. There are checks on every stages of any new creation, data entry or updating so that the user cannot enter the invalid data, which can create problems at later date.
- Sometimes the user finds in the later stages of using project that he needs to update some of the information that he entered earlier. There are options for him by which he can update the records. Moreover there is restriction for his that he cannot change the primary data field. This keeps the validity of the data to longer extent.

- User is provided the option of monitoring the records he entered earlier. He can see the desired records with the variety of options provided by him.
- From every part of the project the user is provided with the links through framing so that he can go from one option of the project to other as per the requirement. This is bound to be simple and very friendly as per the user is concerned. That is, we can say that the project is user friendly which is one of the primary concerns of any good project.
- Data storage and retrieval will become faster and easier to maintain because data is stored in a systematic manner and in a single database.
- Decision making process would be greatly enhanced because of faster processing of information since data collection from information available on computer takes much less time than manual system.
- Allocating of sample results becomes much faster because at a time the user can see the records of last years.
- Easier and faster data transfer through latest technology associated with the computer and communication.
- Through these features it will increase the efficiency, accuracy and transparency,

#### LIMITATIONS:

The size of the database increases day-by-day, increasing the load on the database back up and data maintenance activity.

Training for simple computer operations is necessary for the users working on the system.

#### 6. REFERENCES

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