



Requirements for Rents

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REQUIRMENTS FOR RENT (RFR)

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Abstract—This project is being considered in order to reduce and eliminate loss of customers to competitors, and save the company from folding up. The current system is manual and it is time consuming. It is also cost ineffective, and average return is low and diminishing. Currently, customers can call or walk-in in order to rent or reserve a vehicle. The staff of the company will check their file to see which vehicle is available for rental. The current system is error prone and customers are dissatisfied our project is a web application which contains two sections. One section is for business people who aim to launch rental companies which gives products/items for rent. One section is for business people who aim to launch rental companies which gives products/items for rent. Everyone one has to sign up our web application with email in order to use our service. They have to provide their contact number, first and last name, email address , residency address. Everyone has to accept the terms and conditions in order to use our service in a comfortable manner. Our web application contains the following categories.

Keyword: House, Vehicle, Electronic, fashion, Mobile, Function Items, Decoration Items, Tools.

I. INTRODUCTION

A. PROJECT OVERVIEW

Rental system (CRS) is a web-based system for a company that rents out. This system enables the company to make their services available to the public through the internet and also keep records about their services. This is a company that rents House, Vehicle, Electronics, Fashion, Mobiles, Function Items, Decorative items, Tools for a short period of time for a few days or week. This system increases customer retention and simplify vehicle and staff management. • To produce a web-based system that allow customer to register and reserve the items mentioned above through online and for the company to effectively manage their rental business. • To ease customers task whenever they need to rent. • To identify the most relevant products for each user • It helps to improve user-engagement

II. LITERATURE SURVE

A. EXISTING PROBLEM

For car: - The Manual car rental system provides services only during office hours. So; customers have limited time to make any transactions or reservation of the cars. The existence of the online rental systems nowadays has overcome the limitation of the business operation hour. However; there is still a few numbers of these online car rental systems in Malaysia and most of the systems offered reservation service for tourists or traveler. Besides that, there are some customers who faced problem in choosing car to be rented which suitable with some of the important requirements. The main objective of the Rental System is to manage the details of Car, Payment, Customer, Supplier, Insurance. It manages all the information about Car, Booking, Insurance, Car. The project is totally built at administrative end and thus only the administrator is guaranteed the access

III. METHODOLOGY

This UML diagram describe about the training phase and testing phase of REQUIRMENTS FOR RENT (RFR)

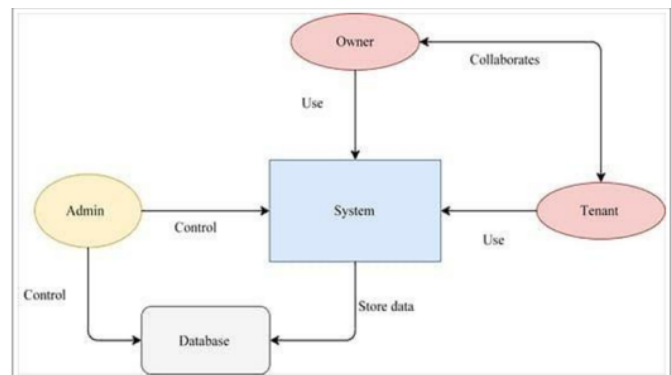


Fig. 1. Data Flow Diagram Diagrams

IV. TESTING

A. Unit Testing

The fundamental element of software design, known as a module, is a crucial focus during unit testing for verification purposes. Unit testing is primarily concerned with examining specific paths within a module's control structure to ensure comprehensive coverage and to maximize the discovery of errors. The objective is to validate the complete functionality of each module individually, thus ensuring its proper operation.

B. Integration Testing

The binary issues of verification and program construction are dealt with by integration testing. A series of high order tests are run after the software has been integrated. The primary goal of this testing process is to build a program structure from unit-tested modules that has been specified by design.

C. System Testing

It is necessary to combine previously validated software with other system foundations (such as a handle, database, and people). System testing ensures that all the fundamentals are correct and that the system performs as intended. Additionally, it checks for discrepancies between the system's current requirements, system attestation, and its original objective.

V. RESULTS

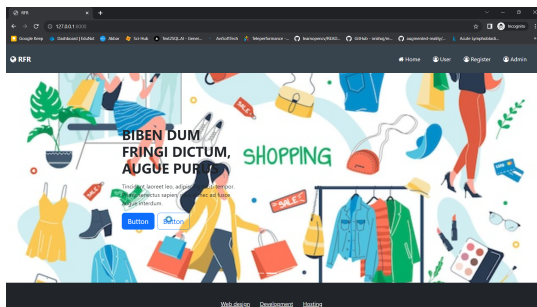


Fig. 2. Web page of index page

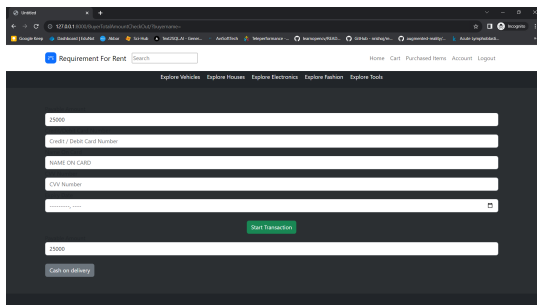


Fig. 3. payment page

VI. CONCLUSION

In this project, CHAPTER-CONCLUSION Rental business has emerged with a new goody compared to the past experience where every activity concerning rental business is limited to a physical location only. Even though the physical location has not been totally eradicated the nature of functions and how these functions are achieved has been reshaped by the power of internet. Nowadays, customers can reserve cars online, rent car online, and have the car brought to their door step once the customer is a registered member or go to the office to pick the car. And from our web page we are going rent all the requirements mentioned in the abstract through online. The web-based car rental system has offered an advantage to both customers as well as Rental Company to efficiently and effectively manage the business and satisfies customers need at the click of a button.

VII. FUTURE WORK

In future Compared with previous experience, where all activities related to the rental business are limited to a virtual reality area, the rental industry has come up with new delicacies. Even if the physical environment has not yet been completely eradicated, the power of the internet has changed the nature of jobs and the way these jobs are done. Customers can now book the items online, rent the mentioned item in abstract via online, and bring the items to their home if they are a registered member, or they can go to the office to pick up the required items.

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