

Rentasset: A two Tier E Commerce Platform to Rent Product and Services

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ABSTRACT

In this we have developed a java based application named "Rentasset" which act as intermediate between the user as well as the vendor to provide the daily essential product online on a very basic rent and also the maintenance services on the online application with in a touch on the screen of our mobile phones. Also this application uses the deposit system for the security of the product listed on the application by the vendor. Payment gateway for online payment provide an ease for the payment option in the application with a cart option available in the application.

INTRODUCTION

In day to day life we need many product which may be needed by any individual from basic home tool to the various decoration or any thing which cannot be easily available by the individual. Also we need many services which are not easily available in the locality hence to overcome such type of the problems we have developed a system which target on this two major problem. Basically it is based on the E commerce platform.

Basic Concept

1. Collect customer data for email marketing.
2. Reach new prospective customer through search engine.
3. Increase visibility of shop promotion.
4. Allow customer to shop; where, how and what they want.

Project Plan

TASK	JULY	AUGUST	SEPTEMBER	NOVEMBER	JANUARY	MARCH
Project definition						
search						
Literature survey						
Presentation						
System design						
Implementation						
Implementation						
Deployment & Report						

Testing: test plan and test cases

Software Testing

Unit Testing

Unit testing, also known as component testing refers to tests that verify the functionality of a specific section of code, usually at the function level. In an object-oriented environment, this is usually at the class level, and the minimal unit tests include the constructors and destructors. These types of tests are usually written by developers as they work on code (white-box style), to ensure that the specific function is working as expected. One function might have multiple tests, to catch corner cases or other branches in the code. Unit testing alone cannot verify the functionality

of a piece of software, but rather is used to assure that the building blocks the software uses work independently of each other.

Integration Testing

Integration testing is any type of software testing that seeks to verify the interfaces between components against a software design. Software components may be integrated in an iterative way or all together. Normally the former is considered a better practice since it allows interface issues to be localised more quickly and fixed. Integration testing works to expose defects in the interfaces and interaction between integrated components (modules). Progressively larger groups of tested software components corresponding to elements of the architectural design are integrated and tested until the software works as a system.

Validation Testing

The process of evaluating software during the development process or at the end of the development process to determine whether it satisfies specified business requirements.

Validation Testing ensures that the product actually meets the client's needs. It can also be defined as to demonstrate that the product fulfills its intended use when deployed on appropriate environment.

Test Cases and Test Results

Sr.No	Description	Input	Expected Result	Actual Result	Status
1.	Android application is version.	Android APP	Application should open on android mobile.	Application is opening on android mobile.	pass
2.	Vendor login.	Vendor Details	System should accept proper vendor details	System is accepting proper vendor details	pass
3.	View Product/ Service Details	Product/ Services	System should able to view product and services details	System is able to view product and services details	pass
4.	Cart Generation	Product details	System should able to generate cart of products	System is able to generate cart of products	pass
5.	Payment Gateway	Product list	System should integrate with payment gateway with list of products	System is integrating with payment gateway with list of products	pass

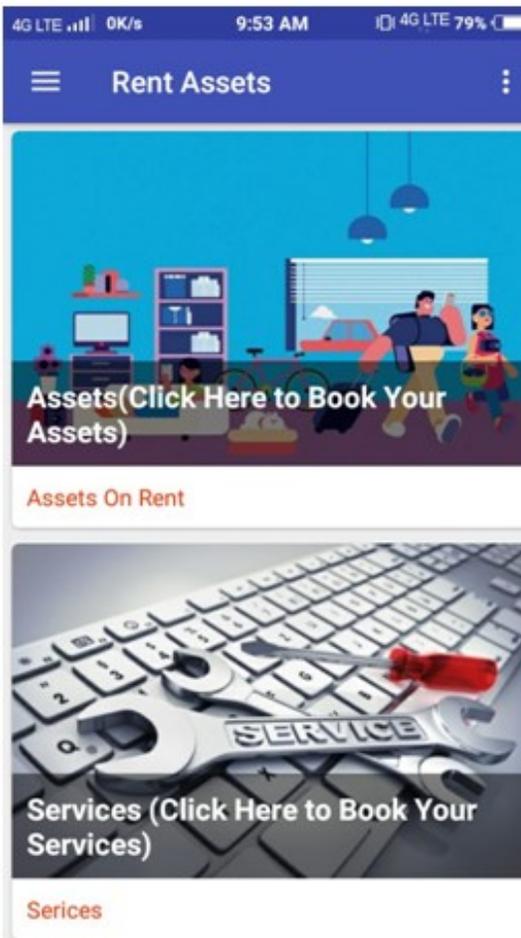
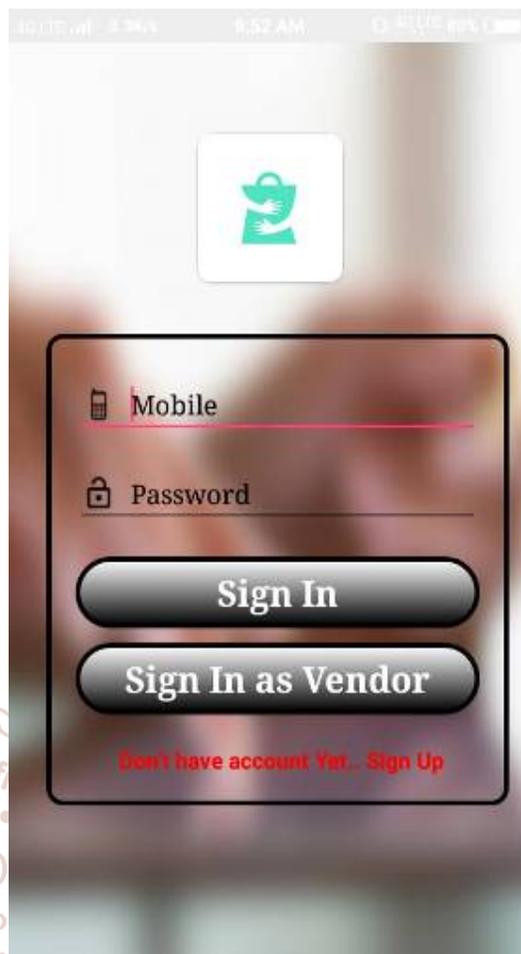
Implementation details

Firstly system will provide a vendor an customer to register on system.

Vendor can add products which he want to sell or provide on rent. Vendor can modify details of product To propose an system which will allow vendor to provide services for product, And also to provide tools and devices on Rent which are not been worth purchased by any person in day to day life.

Our system will provide a bidding facility both for vendor and also for user. Providing scheduling and rescheduling facility service to customer. Vendor can add their disclaimer points while uploading their product and services to avoid disputes.

Snapshot



4G LTE 0K/s 9:57 AM 4G LTE 78%

Add Service

Select category

Enter Service Name

Service Charge

Address

Contact No

Description

Image 1



4G LTE 0.3K/s 9:53 AM 4G LTE 79%

Assets List

Rent Low - High

Rent High - Low

Deposit Low - High

Deposit High - Low

Quantity Low - High

Quantity High - Low

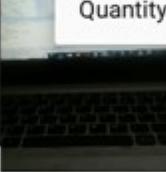
Search



Washingmachine



TV



Laptop

BACK

4G LTE 0K/s 9:53 AM 4G LTE 79%

Details



Product Name : Washingmachine

Product Rent : 350

Product Qauntity : 1

Other Charges : 500

Product Terms :-

ADD TO CART

4G LTE 0K/s 9:53 AM 4G LTE 79%



Assets

Services

Cart

Orders

Communicate

About

Contact

Logout