

RENT ENTIRE



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1. Introduction

We about to design a web application that will help people to use their space, things, clothes, vehicles, skills properties or any asset that can be rented. We are providing a renting platform where lessor list their products to rent out for a specific period of time and earn money from them. This web application will help you to use your assets that are idle by renting them out and earn money. This platform will earn your money with zero or least investment as you are renting out the same product you owned already. You have things in home that are free and of no use for you but can be in demand for other peoples. You will build a store on our application and reach to the consumers of your product and get benefit from idle and free products.

Customers can just reach our web application and search the product they need and choose from the variety of nearby products that are listed by the lessors. After selecting the product of their choice the product can either pick up by the lessee or drop off by the lessor as per decided in the messenger. The third delivery mode is that the lessee is able to request a nearby rider that are registered on our web application. The rider will get all the information of lessor and lessee after accepting the request and responsible for the delivery of product from lessor to lessee or lessee to lessor.

2. Literature review

Example of the applications are:

- Turo
- Spot hero
- BlikBook

These are the sites that are the renting platforms. They provide the products on rent for their own niches. turo is giving you a platform for the cars. spareztool are for the tools and equipments. spothero are for the parking spots. stylelend are for the designers suits. fulrenco are for the furniture and electronics. they all are renting the products that are specific for their business. fatliama is a website that are providing the product categories that involves almost every type of product but fatliama is only access in three countries Canada uk and usa.

Table 1: Literature Review

Site Name	Pros	Cons
Turo	Provide the vehicles to the authentic customers on rent. Deliver the vehicle to your door or any specific location.	It provides only transport facilities It is not developed in Pakistan.
Spot hero	People can rent their own private parking space. Spot hero services over 300 cities with a network of over 7,000 garages.	Its origin is in Chicago It provides only rental parking spaces
Stylelend	You can rent designer clothes instead of buying a dress to wear only once.	It is the platform for only clothes and shoes.
Furlenco	This platform rents for living rooms, bedrooms, and dining rooms. You can rent furniture and electronics.	This is an Indian business platform.
Sparetoolz	Connect tool owners with tool renters.	Only for the tool and equipment. Not developed in Pakistan.
Fatliama	Rent out anything that is useable in specific category.	It provides facilities in UK USA AND CANADA. It is not available in Pakistan.

3. Problem statement

- Idle things that are not in use
- No medium to support small earnings without investing capital
- After investing hundreds and thousands in product prices, they are not reusable for the owner
- Due to small income lessee is not able to pay full price
- lessee need a product for a limited time period

4. Proposed Solution

Many people want to use the product like any tool, machine, space, clothes just for one time. But for just specific task they have to buy the whole thing for this and after completing their task the product will be of no use. This platform will help three types of people. 1st, who have an extra asset like any machine tool space or anything that can be used by the people on rents so they will get benefit from that and also earn from this.

2nd who don't want to buy the product or can't afford to buy they can just buy on rent easily, use it and return. In this way, they will pay very less amount, as they have to buy the whole new thing which will definitely going to cost them a lot of money. For example, a labour cannot buy the marble granite floor polishing machine as it costs from eighty thousand to 1 lac on amazon but what he can do is he can get the contracts of home and rent the machine who want to use that machine as a business nearby him and earn for their livings. Therefore, both will earn money the investor i.e. lessor and lessee.

This will solve the problem of people by earning them money and saving their money.
And 3rd, the delivery persons. They will deliver the products and earn money.

5. Significance

- This web application will save the time and money of users.
- Users can easily get products they need once in a while on rent instead of paying full price.
- Lessors can earn money by renting their existing or new products.
- Delivery boys can earn money by delivering the products.

6. Aims of the project

The aim of this application is to:

- Give opportunities to lessors to make money by renting their products.
- Save money of the lessees.
- Giving opportunity to delivery boys who can deliver products and make money.
- Saving time and cost of the user.

7. Objectives

Our objective is to provide a platform or medium where:

- Lesser can rent out idle products.
- Lessor can earn money without investing on something new.
- Lessor can earn money by renting out the already owned products.
- Lessee can use the product without paying full price.
- Lessee will be able to buy the product on rent he wants to use only once.

8. Scope of the project

8.1 Project Scope

This application will provide a website that will help people to access rental goods in nearby area with multiple offers. The application helps the people to rent out their idle and free products and earn extra money with them without working. This application allows people to get their job done in very less money they don't have to buy the whole product they will just rent it from our website and get their job done. This platform will help people who have any vacant space, property, gadget, machine, tool or anything that can be in demand so you can rent it out to the people who need them and make money with the zero investments.

8.2 Product Scope

This Application will have following feature:

- This application will have following features:
- Signup
- Login
- Forget Password
- Dashboard
- Profile Setting
- Create Store
- Upload products
- Search Products
- Order Product

- Choose delivery option (Renter if he is offering, Customer itself or delivery boy)
- Payment
- Product give and take
- Order completion
- Product Reviews by renter and customer

9. Working

In this platform we have different main interfaces. First one is Lesser who will register itself as a renter. They can create a store for products they own and in demand. On the store they can list a product they want's to rent out. The listing includes description, price, images/videos of product and other details /precautions etc. for the product. Lesser has its own profile where he can update his store and able to see all the stats. Stats includes total earnings, review average, rentals, item listings etc.

Second one is the customer or lessee who wants to buy products on rent for its use. Lessee can buy the product on rent so they don't have to pay the full price of the product. He will search the product and all nearby products will show to him where he can choose the products of its choice and send request to the Lesser. The Lesser will be notified with the lessee's request on its dashboard. The Lesser can check the profile of requested Lessee, go through it where he can see Lessee's history, ratings etc. and decide either he wants to give the product for rent or not. Lesser can accept or deny the Lessee's order request. For further details, Lessee and Lessor can interact with each other to discuss the more details and can exchange messages with each other.

After the decision is final the customer will be providing with three options of delivery. Either the lessor drops off the product or pickup by the Lessee himself from lessor's home. Third one is we have a delivery option. Lessee and lessor can review each other and give feedbacks that will help other peoples to choose the best of choice.

Third one is admin. Admin portal where admin can manage everything. He will be able to see all the stores of lessor's stats and reviews. When the lessor list a product admin has authority to approve or deny the products request after reviewing it. Admin can also delete the listings if the products average review is not enough good. Here admin will manage all the queries of lessee and lessor. Admin will verify all the documents of registered user manually to make sure the user is verified and authentic.

10. Challenges presented by the project

There are following challenges that we may face during development of this project.

- Data Authentication
- New platform
- User Authentication
- Working on new tools
- Time Management
- Designing of a user-friendly system

11. Methodology/technique/Framework

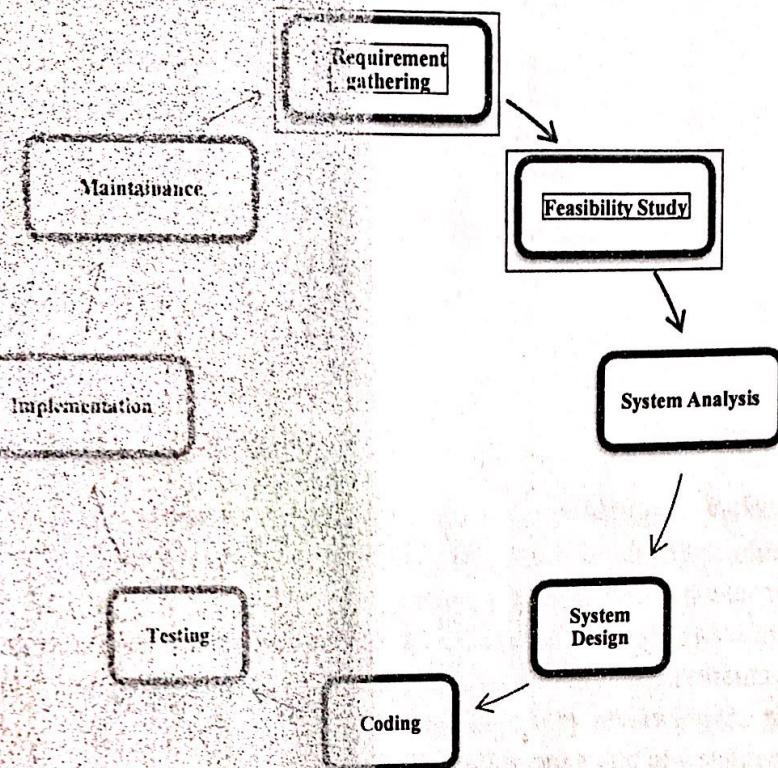


Figure 3: Project Methodology

12. Tools and technologies used with reasoning

Web Application will be developed in Html, CSS, Bootstrap, JavaScript and laraval. Sql database will be used in this Web Application. And Visual studio code will be used.

When it comes to dashboards and things like that Web Application is the best option. In our Web App there will be different Dashboards. We will use laravel for this because its very secure and also suitable for this project.

12.1 Framework

- Visual Studio Code

12.2 Development Tools

- Html
- Css
- Bootstrap
- Javascript
- Laravel

12.3 Documentation Tools

- MS Office
- Proto.io
- Lucid chart
- Excel
- Wix logo maker
- UML
- TeamGantt

12.4 Documentation Language

- UML

13. Nature of End-Product

A peer to peer renting website application where you can rent and rent out anything. You will be able to rent items of your need from verified and reviewed owners that are lending products around you. Here you can list underused and idle products and earn some extra cash. You can cancel your rentals anytime with minimum or no penalties. Customer can directly connect to the renter with messenger where they can exchange messages and discuss more about the products and any requirements and agree on some result for the business. After choosing a product of your choice by reviewing the product where you can see its location, images/videos, description, availability, renting price and any suggestion or restriction by the renters you can order it by selecting convenient delivery by our registered drivers or you can pick up the product itself or can be drop off by the renter. There will be third party that is admin. In admin module all renting's that are in progress renter customers can be accessible they are able to remove the products from listing and will approve the requests of customers and resolve any issue faced by the customer or renter to maintain the discipline and business.