



## T-Rent

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**Abstract**— In these fast world, a majority of unpleasant issues faced by many customers which will purchase a those items which they can use for sometimes not used for a permanent. So for these they can waste a money. Thus, to overcome those issues and we had decided to create a T-rent app will help person to rent all items like vehicle, furniture, sports peripherals, clothes, etc. Anyone can earn by putting their items which they want to put on rent on our app. Customer who want to take such thing on rent can search for such items on our app. They select the items, take those items on rent for certain period of time and also pay for them online.

**Keywords**—Rental Management System, Peripheral Rent Management, Rent All, Furniture Rental.

### I. INTRODUCTION

A method of using a software app for Smartphone designed to enable consumers, as well as commercial establishments, T-Rent app to rent things—tools, equipment, camping or sporting goods, book, clothes, home Appliance, electronic goods, furniture etc. App would bring people or establishments with such things together with those desiring the temporary use of such things, generating income for the one and saving money for the other. Mainly app will be helpful those want a single products for temporary use and not want permanent, so instead of buying full amount, this app allows to pay for a specific period of time use can choose by as his/her per requirement, rental time know as rent period for item payment can be made by installment or full.

### II. LITERATURE SERVEY

According to the research the rise of the rent online market growth exponentially year by year in the India the purpose of this was to find out how many app are provide their service in India we have selected three application for the study and they are as follow:

#### 1. Rentmojo App

##### Description:

RentoMojo lets you rent furniture, appliances & electronics on a monthly basis at affordable prices. We Can use rentmojo because, Start renting, start saving rentomojo is an online rental solution for your stock needs. Well, because we understand that needless furniture and gadget costs are not the best investment options. So we decided to come up with an easier solution instead. We provide more than online rental services, we help you explore a world of possible. With our ensure quality and prompt services, you can say goodbye to all the bother that come with buying and say hello to convenient.

##### Disadvantages

- Limited city
- Not provide Small items
- No time remaining notify
- App in chat no
- Bad customer service
- Monthly bases rent
- Customer not satisfaction

#### 2. Furlenco App

##### Description

Furlenco is India's first furniture and gadget rental app currently delivering in Bengaluru, Mumbai, Pune, Delhi, Gurugram, Noida, Hyderabad and Chennai. Install the Furlenco app and choose from a like of rector furniture packages to furnish your home in the fastest and most convenient way. Renting from Furlenco is amazing. Because with awesome products come awesome benefits. Free move, When moving to a new home, if we can use furlenco, you just need to think about packing up your clothes.

We'll take care of all the furlenco furniture and appliances relocation for free. As soon as you complete three months with us, you can avail our free relocation service once every twelfth months. For a seamless process, please let us know fourteen days in advance .An empty house is like a blank canvas. There are hundreds of thousands of things you can do to decorate your interiors.

But think this, you have pictured your perfect home, bought the furniture, lived in for about a year. And now you are drill. Now, you want to go through the trouble of resale your old furniture and buying new furniture all over again? Well then, here is the smart solution is we can Rent furniture from furlenco. Here is a smart solution is Rent Furniture from furlenco. When you want to change the look of your house, you can swap your furniture for anything you want. It's all in a click of a button. Yes, it's as simple that Moving cities or shifting houses within a city, We'll help you in packing up and displace. Rent furniture and give yourself the autonomy to let go and live life and collect engram and preception.

*Disadvantages*

- furlenco for employing self who can think through problems real time.
- Limited city only
- App in chat no
- No time be inform
- Not provide Small items
- Bad customer service
- Monthly bases rent

*3. MyRent App*

MyRent is Singapore's fastest growing peer-to-peer rental marketplace. The small camera you need for vacation is sitting unused on someone else's desk .We unusual allow consumers in Singapore to rent items including photography and sporting equipment to climate garment and video games. MyRent is Singapore's rental retail store for drones, cameras, winter-wear, and more. The small camera you need for vacation is sitting loose on someone's desk

*Disadvantages*

- In app chatting no
- Only for Singapore
- Currency in dollar
- Time remaining no

*SUMMARY OF LITERATURE SURVEY*

Key Point	Rentmojo (app), website[2]	FURLENCO(app) [3]	My Rent (app)[4]
Availability	In India(not all cities)	In India(not all cities)	Not in India
App in chat	No	No	No
price	Fixed per/month	Fixed per/month	Fixed per/day/week/month price in \$
User Experience	simple	Complex	Good
Review & rate	Not available	Not available	Not available
Selected city	Bangalore, Mumbai, Delhi, Naida, gurgaon, Hyderabad, chennai	Bangalore, Mumbai, Delhi, Naida, gurgaon, Hyderabad, chennai, pune	Singapore's
Rent type	Package, Furniture, Appliance, Electronics, Fitness, WFH Essentials	Bedroom, living room, Appliance combos, 2- Wheelers	Photography,Drone,Video game,clothes and bags,sports,household items ,laptop & Accessories,electronics items,books
Furniture type	Poise Metal Chair, Rowling Bookshelf, study table, dining table	Single bed, sofa sets, dining table	No
Appliances	AC, Refrigerators, Air coolers, TV, washing machine, microwave, water purifiers	AC, Refrigerators, TV, washing machine, microwave.	Tv , Monitors,
Electronics type	Tablets, laptop, Smartphone, smart device	No	Laptop,SmartPhones,Tablets
Category Selection	According to product	According to product	According to product

**III. PROPOSED SYSTEM**

We are developing an android application using an android studio and using a firebase database to store the data. So first, the user registered in the application to fill in the details, and then user login via the registered email and password. If the user can-not remember their registered password it can reset his password and then the user can re-login in that application. After Successfully login user can go to the homepage. Users can access the feature like payment, chat, item of categories, rent on items , borrow the items .Users can also be updated it documents like an Aadhar-card, voting card, driving license to authenticate it. If the user sells the item or rents then it can be the registered item details like item name, item price, time duration of rent item, etc and then seller can also edit items details.

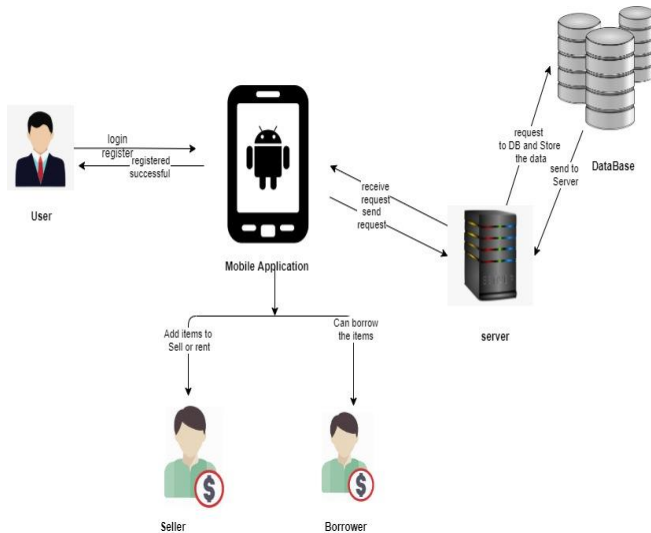
And another user who borrow the item, can search the items and select the item and show the item details and if they can be interested they can borrow the item, and the borrower can pay half of the price of item online or cash on delivery and remaining payment will be pay when returning the items, then borrower takes item on rent, after sometimes they can also have a remaining time notification of rent items. Users can chat with another user. The user also gives the review and rate on the item and another user. Users can also update their details and item details admin can manage all the activities in the firebase database.

#### IV. CONCLUSION

It is an application for those users who can sell and borrow the item digitally. In this application, user can easily rent on items and search the items and borrow the items .so that, user can not waste money and easily earn money and also save the time. And also have another feature in that application. In future, we will make the application more attractive and add some more features also.

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**Fig. Flow Diagram [5]**