QUICK RENT APPLICATION

(Android App Using Java)

MINI PROJECT –

I SYNOPSIS

Department of Computer Science & Application

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Acknowledgement

It gives us a great sense of pleasure to present the synopsis of the B.Tech mini project (Android app development) undertaken during B.Tech II Year. This project is going to be an acknowledgement to the inspiration, drive and technical assistance will be contributed to it by many individuals.

We owe special debt of gratitude to Mr. Akash Choudhary , for providing us with an encouraging platform to develop this project, which thus helped us in shaping our abilities towards a constructive goal and for his constant support and guidance to our work.

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ABSTRACT

The Quick rental app is a platform where anyone can rent a vehicle simply from their smartphones. It allows the vehicle owners to rent their vehicles as they can get some extra revenue. The user gets many options that which vehicle he wants from the many options and pays accordingly.

Online Quick Renting System has a very lot of scope. This ANDROID project can be used by anyone for renting necessary products like vehicles. This project is easy, fast, and accurate. It requires less disk space. Online Quick Renting System uses FIREBASE Server as backend so there is not any chance of data loss or data security.

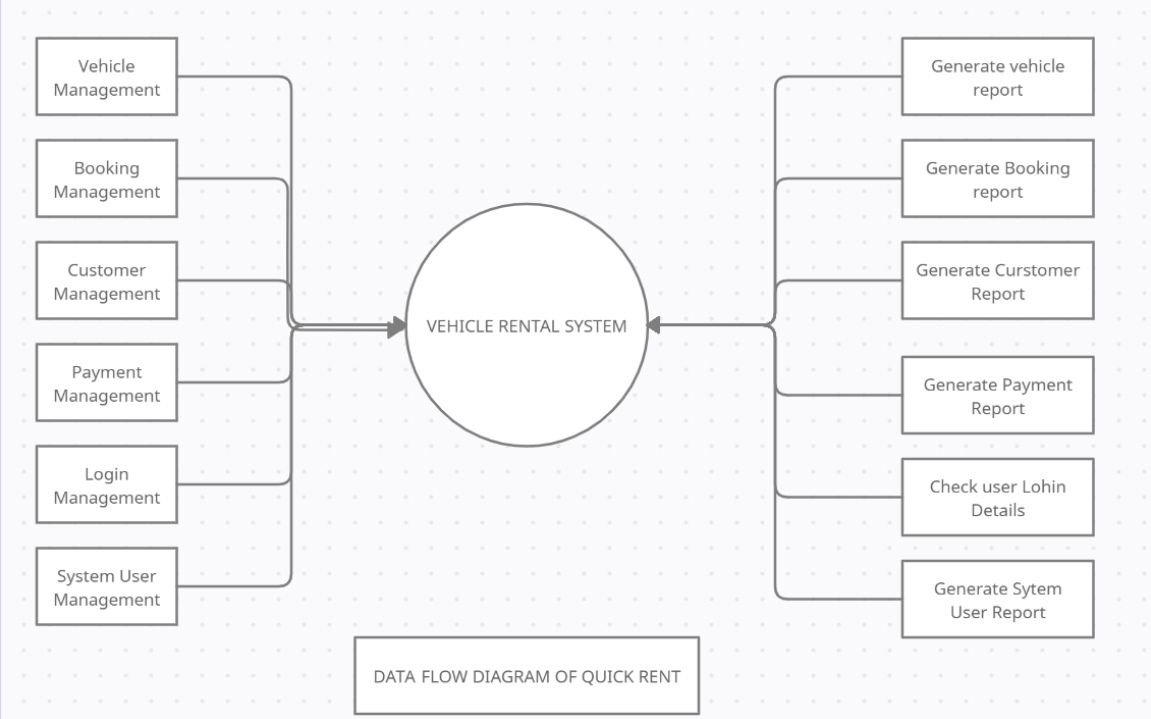
Contents

INTRODUCTION

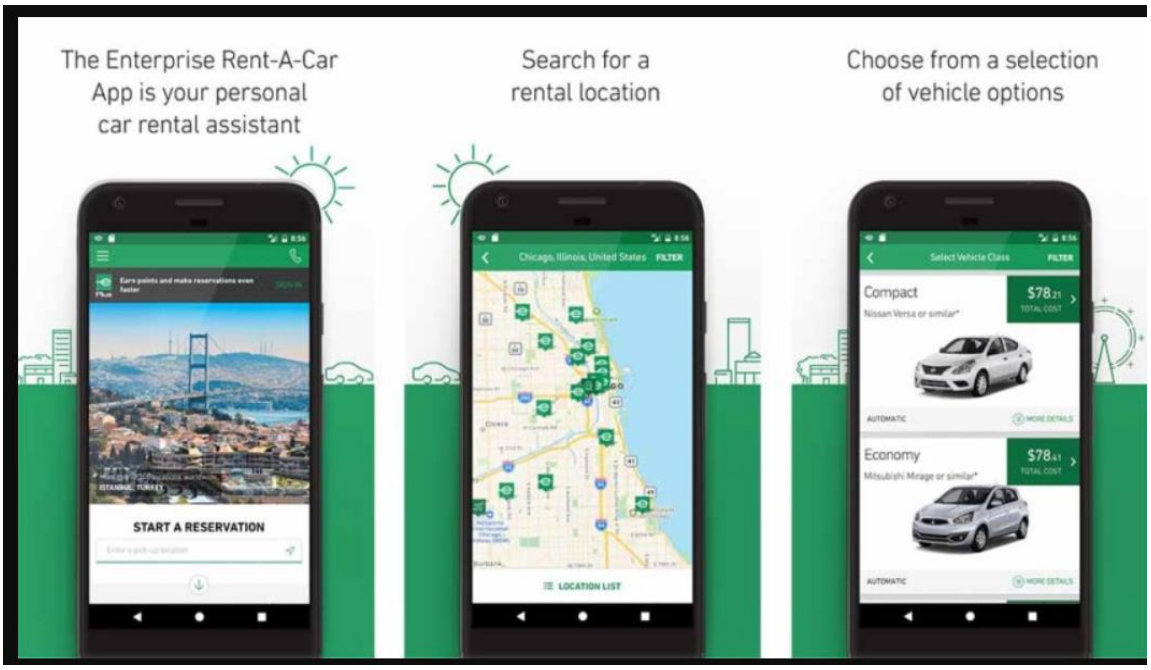
The Quick Renting app is a app which engages and connects the customer in real - time .Where they can easily manage the vehicle renting business from single platform that can save lot of your time which is highly convincing for user . It also contains Secure and easy payment, options login procedure is integrated with social media, customer can also select the details of vehicle he wants .Details of the driver with valid ID’s like license can be easily accessible to the customer . Fare estimation is provided with respect to distance and vehicle chosen by customer is provided . Live vehicle tracking with GPS and other security features will be there. One tap booking management , cancel , and book on single tap. Rewards and discount for specific customers. Rating and review is also visible to customer .

IMPLEMENTATION METHODOLOGY

The basic algorithm of our Quick Rent App



BASIC IDEAS


The Enterprise Rent-A-Car App is your personal car rental assistant
START A RESERVATION
Search for a rental location
Chicago, Illinois, United States
FILTER
LOCATION LIST
Choose from a selection of vehicle options
Select Vehicle Class
FILTER
Compact
Nissan Versa or similar*
$78.21
TOTAL COST
AUTOMATIC
Economy
Mitsubishi Mirage or similar*
$78.41
TOTAL COST
AUTOMATIC

MODULES OF QUICK RENTAL APP

Main activity: The main activity consists of generating the user input and then selecting the vehicle for rent

Software Requirements:

Operating System: Windows, Linux, MAC OS

User Interface: XML

Client-side Scripting: Firebase & JAVA

Programming Language: JAVA & XML

Hardware Requirements:

Processor: Jellybean or Further

Operating System: Android

RAM: 4+GB

Devices: Android Mobile

REFERENCES

- https://developer.android.com/
- https://www.freecodecamp.org/news/tag/mobile-app-development/
- https://stackoverflow.com
- Android (operating system) - Wikipedia

Books

Android Development Cookbook – Rick Boyer

Head First Android Developmen David Griffit Dawn Griffiths

Faculty Guidelines:

Mr. Akash Choudhary