



**INDIAN INSTITUTE OF INFORMATION  
TECHNOLOGY  
DHARWAD**

**A Project Report on**

**Garage System**

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## **1.Summary**

Garage System is the application which is made easy for the users whenever they are in an unknown city and their vehicle crashes down. Basically, it detects the user's location, contacts nearby garages and serve the user either by coming to the spot of crashing or the user them self can go to the garage as per the user's comfort. This application helps the user to repair their vehicle in a short span of time.

## **2.Introduction**

### **a. Problem Statement**

We want to make the application to be helpful to the people to get their vehicles repaired in a short span of time. Most of the users won't know the location of most of garages in case their vehicle crashes down, so basically this application detects their location and the nearby garages, and it helps the user in getting their vehicle repaired even in an unknown city with a decent hospitability.

### 3. Software Requirement Specification (SRS)

#### a. Platform

Android Studio

#### b. Language Used

Java, Kotlin

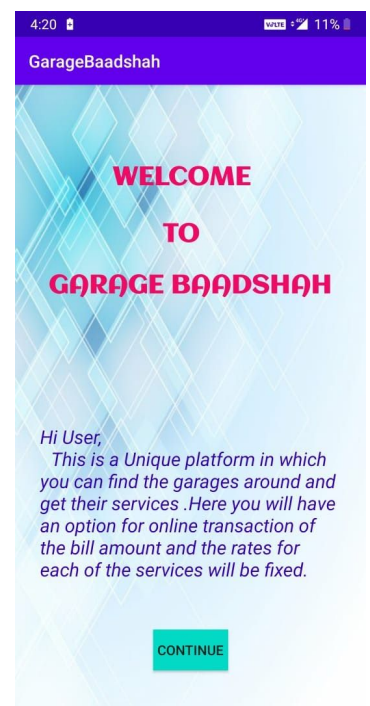
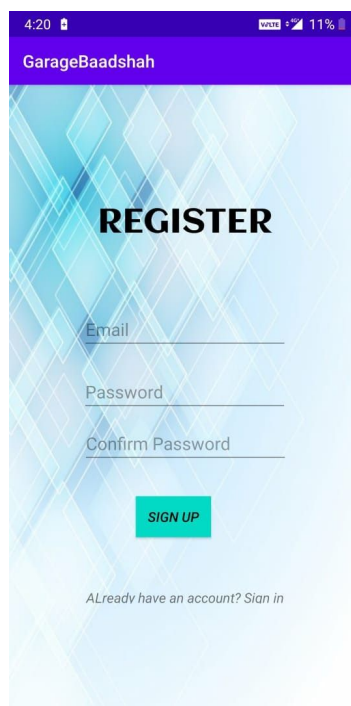
#### c. Features

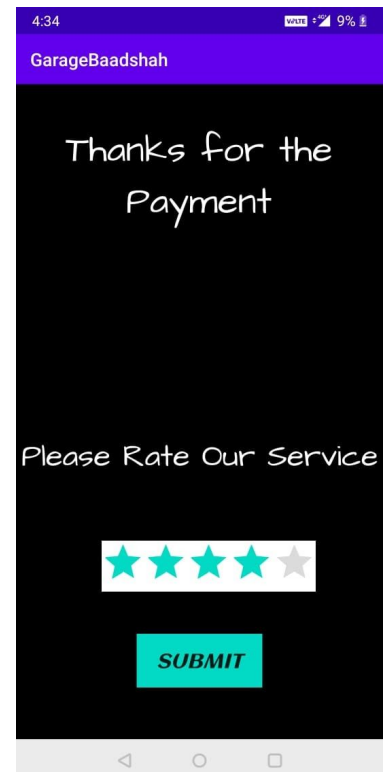
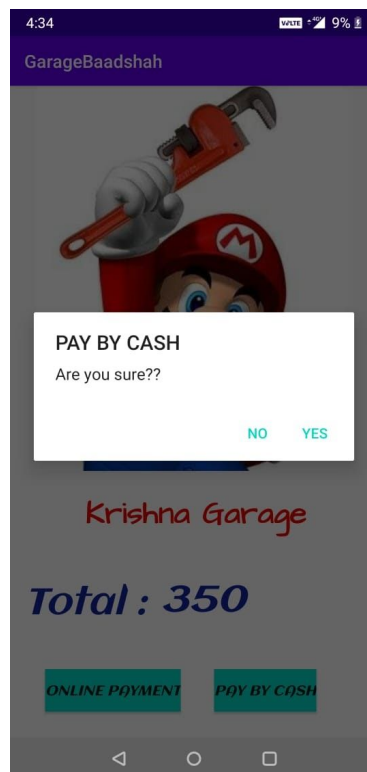
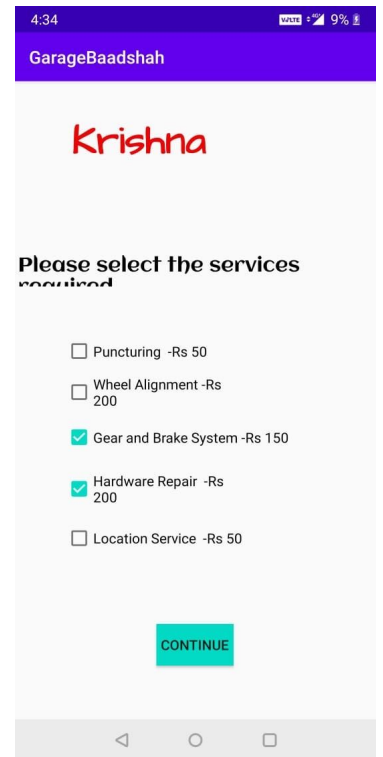
**Detection of nearby garages:** The application detects all the nearby garages around the location where the vehicle has been crashed and based on the ratings of the garages the user can choose any one among the listed garages.

**Service:** The user is assured of getting a very decent service as per the choice of the garage and the vehicle will be repaired in a short span of time.

**Profit for Garage Owner:** The garage can gain popularity based on the kind of service given by them in terms of ratings.

### 4. Design





## **5.In App Inputs and its Limitations**

- **In this application we need to register using our email ID and password and then proceed to use the application.**
- **For the current requirement basis, I being one of the developer of this application have used my current location in my town about 50 km from hubli.**
- **we have restricted the garages to only in the town of hubli,as this is only the introductory app we have not taken other cities or its garages into consideration.**
- **we have registered only 6 garages and their service features.**
- **As the application is only in its introductory state,we ourself have given a review of 4 stars to all the garages.**
- **In this application online payment system is not yet added as paytm business website is demanding for the company registration,which has not taken place.**
- **But as promised we would update the app soon and release it after a complete research on all the garages in hubli and other towns as well(if possible).**
- **Finally we would thank our Instructor Dr.Rajendra Hegde sir for supporting our project and believing us.**

## **6.Result**

The application is developed and is ready to use.

## **7.Acknowledgement**

we would like to thank our project and course instructor DR.RAJENDRA HEGDE SIR for giving us ample amount of time and support to develop this application.we would also thank each and everyone who supported and guided us in this project development.