

# Problem Statement for *Rider 2 Buyer*

## Background and Context

Developing a website which helps you to rent/buy a car. It allows car owners to list their used cars for rentals as long as they are up for sale. It gives the customer an option of renting the car and using it before deciding to buy the rented car as per his/her experience. This website will certify the Sellers and Buyers. Refurbishment department does the quality check of the car and give quotation to seller for the car. Also gives quotation to customer while purchasing the car. Accounts department takes care of verifying the documents of the car, the insurance and history check of the customers. The members can also rate and review different cars, sellers and buyers.

Historical background: The above-mentioned system is replacing the old method of selling used cars by giving the buyer an option of using the car before investing money in it and also replacing the Broker's high charged fee with a free lifetime membership and only minimal Transaction Fee equally divided between seller and buyer.

## Scope

Buying and selling a used car always had a issue with the authenticity of the deal. You did not know the condition of the product, hence it always had a risk associated with it. To solve the above problem, we developed a system where the User gets an option to test the product before investing money in it. The user gets an option of renting his car and selling it. Whereas, the seller gets an option of renting the car for a day or two according to his needs and then later buy the same car that he had rented or lookout for other options.

## key features

- Buy/Rent a car
- Review the Car
- Review the user/seller
- Refurbishment Department

## Function

Our system is going to solve the problem of Authenticity of the product by giving the buyer a direct option of testing the product and then buying it and also benefitting the Seller to earn money while he waits for his product to be sold out.

### key features

- Buy/Rent a car- System allows Buyer to Rent a car for a day or many depending on the need of the customer. And also provides the option of buying the same car that he rented or look out for other options.  
System allows Seller to rent or sell a car.

- Review the Car- The Renter gets an option of reviewing the car after he has used it and sharing his experience about the car and user.
- Review the user/seller- The seller gets an option to review the user and also the Buyer gets an option to review about the seller and the whole interaction.
- Refurbishment Department- This department is responsible for checking and validating the car's condition and the papers of the car.  
It is also responsible for checking the history and background of the User and Seller's on the website and then only allowing genuine User/Seller to post on the website.

#### Prioritizes needs

It allows Sellers to rent their Car until they find a suitable customer for selling the Car. The Accounts Department only allows genuine Users and Sellers to post their requirement on the website.

#### Reliability & Availability

The System gets continuously updated and notifies the Seller/Buyer of any new listing according to their needs. The Accounts Department verifies the Car and the Seller/Buyers history. After customer completes his ride car quality is checked in case of accidents or damages and corresponding amount is displayed to customer.

#### Form

This product is android application. That can be used by the customers, sellers and various teams in company involved in the process.

Android Operating System Version 4 and above

The Application only needs to be downloaded once and can be updated any time; current upgrades would include all updates since the last update. Thus there are no bindings on the frequency of updates.

Future versions will have upgrades to have an API which would allow users to choose the type of establishment they want to visit. There will be future upgrades which users can download the latest version of the Mobile Application. The application would be available in English.

#### Economy

For the Development of the Project, we are being fund by our client who is a big and old chain of used car dealer in America. We are developing the System to help them expand their business and grow over the media of mobile application. The System would allow Ad's to run on their website and would charge the company willing to post Ad on the website, which would be used by to make the System run in the future. Also for every transaction, we would apply a 5% brokerage fee which would be equally divided between the Seller and Buyer.

The systems expects to make money by allowing Ad's to be posted and also by charging a Brokerage fee on the whole Transaction.

## **Time**

As of now the initial Beta-version is scheduled to be released by early December 2017, followed by the launch of Rider2Buyerz 1.0 by end of March, 2018. Following the launch functionalities would be upgraded on periodic intervals, with major feature releases near to every quarter.

## **Organization Constraints**

The System being developed will face some Constraints like

### **1) New Technology**

Not everyone in team is familiar to the technologies used like Android application development, Using MySQL queries.

### **2) Limited Fund**

The System is a free application for anyone to join and become a part of the App.

It only earns money through Ad's and the brokerage fee charged on the whole Transaction which leave the system with limited funds.

### **3) Limited Time**

The Systems updates continuously adding new cars for the User's to review, this give Time Constraints to the system to update.

### **4) Limited People available**

For any application to work, you need a hard-working team that is divided into different departments and are responsible for their role to make the system a success.

But finding people is easy but finding the right people for the right job is a Big Constraint.

And usually the system gets short of skilled people required for a particular work.

## **Summary of Primary Success Criteria**

- Customer Satisfaction: This is the most vital aspect for the success of this Application; if the App fails to become a hit among people it will not succeed and will simply.

Main target is to reach a target of 3000 downloads in 3 months.

Also to get a 4/5 star review on Google Play Store.

- Feature diversity: This would be a key criterion for success, as it would not be any Indoor Navigation App – instead provide a whole new experience of renting and selling a car; thus drawing in more interested customers.
- Market focus: The App needs to reach out to a broader audience, and thus primary target areas should be identified, which would attract more crowd than usual spots.
- Market Dominance: For the Application to stay in business it must be up and ahead of any such competitions that may come. Primarily the product needs to carve out a niche

for itself and then gradually expand. However, once the niche is established no other competition would be allowed to intrude in those areas.

## Key Stakeholders

Erick Sancherz	<i>Client (owner of the budget)</i>	signature
Harshit Shah	<i>Program Management</i>	signature
Harshit Shah	<i>Offer Management</i>	signature
Monica Sangam	<i>Product Management</i>	signature
Monica Sangam	<i>Systems Engineering</i>	signature
Ridhima Shinde	<i>Development</i>	signature
Aqsa Sheikh		
Harien Mone		
Ridhima Shinde	<i>Integration and Field Support</i>	signature
Sainath Dutkar	<i>Testing</i>	signature
Shashank Parab		
Monica Sangam	<i>Project Management</i>	signature

## Revision History

Date	Version	Reason for change	Edited By
09/06/2017	0.1 Draft		Harshit Shah, Monica Sangam, Ridhima Shinde, Aqsa Sheikh, Harien Mone, Shashank Parab, Sainath Dutkar
11/02/2017	1.0 Beta	This includes certain modification as suggested during statement walkthrough.	Harshit Shah, Monica Sangam, Ridhima Shinde, Aqsa Sheikh, Harien Mone, Shashank Parab, Sainath Dutkar

## APPENDIX

### Additional Background and Context Information (as available)

Current Customers & Contractual Commitments	None
Potential Customers	Any individual with internet and having our mobile application and is interested in buying ,selling or renting a car.
Key Competitors	Zippy cars,
Market Drivers	Market expectations and changes that impact the problem and solution.
Technology Drivers	HW and SW changes, tool and process changes impacting this solution
Future Direction	If the application is popular as thought of, it would target a wide audience, generating huge volume of data, which could be further utilized for trend analysis also.
Current Assumptions	Where you don't know the exact need or requirement, the "best guess" made (and if applicable, why you made it)