Go Catch Riders Web Application

Vaishnavi Ghoghke, Tejal Panmand, Neha Tak, Srushti Mhetre

Department of Computer Engineering and Researsh, Pune, Maharashtra, India

ABSTRACT

GoCatch riders App it is an online vehicle booking App. goCatch Driver use their own Vehicles to transport riders who place orders through the goCatch riders app. Common duties listed on an goCatch Driver resume are picking up passengers, transporting clients between places, and keeping their vehicle in good condition. Also 2 new Functionality are added in that i.e video and audio capture functionally on while riding for the purpose of women safety. Due to lack of driving skills people choose train bus facilities but when we are talking about the family trips or long journey we desired or wish safe and flexible journey which is possible if you have your own car or rented car hence for rented car we can hire a driver for a long ride. here we help you find the best driver for your ride with the help of this goCatch app user can get a list of the available drivers along with their details based on the route selected so passenger don't have to wait. goCatchRider provider immediendtly ride,passenger choose destination ,passenger can cancel their ride,passenger ability toselect driver ,get pop notifications for allow video and sms like booked sucessfullyed.

I. INTRODUCTION

Our project name is goCatch rider for that we are using flutter framework and dart language and firebase database goCatch rider is online taxi booking application which allow user to book their taxi of any cconner. this app working like the Uber driver but we are adding to extra functionality in that that is a audio and video recording this is a feature we are implementing specially for the women safety in our project there are three domain. driver, passenger, admin all data securely store in the admin database firstly passenger is seeing the available cabs and book them at the time. driver receive the request and carry the passenger after setting the cab he or she will get one popup notification for allow audio or video on. then all the data are store into database and admin observed all activity which has been done while riding

Basic concept of go catch app

a means of connecting existing resources instead of providing the physical resources themselves an app that allows passengers to hail a ride and drivers to charge fares and get paid. More specifically, goCatchRider is a ridesharing company that hires independent contractors as driver's provider information driver. It's one of many services today

that contribute to the sharing economy, supplying. sharing services. gocatch advantages include door-to-door convenience, safety driver, and reliable quality and good paymet system. gocatch's disadvantages include its surge pricing and the negative effects of replacing steady jobs with gig work. Data is crucial in today's business and technology environment. There is a growing demand for Big Data applications to extract and evaluate information, which will provide the necessary knowledge that will help us make important rational decisions.

Big Data refers to huge and broad data collections that can be organized or data unstructured. Big Data analytics is the method of analyzing massive data sets to highlight trends and patterns and Big data. goCatchRider web app is using real-time Big Data to perfect its processes, from calculating goCatchRider Web apps pricing to finding the optimal positioning of taxis to maximize profits.In this app Real-time data analysis is very challenging for the implementation because we need to process data in real-time, if we use Big Data, it is more complex than before. Implementation of real-time data analysis by goCatchRider to identify their popular pickups would be advantageous in various ways and giving best result. It will require high-performance platform to run their application. So far no research has been done on real-time analysis for identifying popular goCatchRider locations within Big Data in a distributed environment, particularly on the Kubernetes environment. To address these issues, we have created a machine learning model with a Spark framework to identify the popular goCatchRider locations and use this model to analyze real-time streaming goCatchRider data and deploy this system on Google Data with the different number of worker nodes with enabling Kubernetes and without Kubernetes environment.

II. LITERATURE SURVEY

T.M Gunaawar dena; K.P.N Jayasena (2021) Real Time Uber Data Analysis, 2020 5th International Conference on Information T

Md. Shahabaud din; Mohamamad Rubaiyat Tanvair Hossain; Mir Raifat Siyam ,(2017)Design and implementation of smart taxi fare meer and server based electronic payment system, 2017 3rd International Conference on Electrical Information and Communication Technology (EICT)

Sinaghania & Pinapale (2017) focused on opportunities and many challenges faced by app-based smart taxi the services from driver models to business models. A challenge faced by online taxi services was the reduction of incentives due to the increase of app-based taxi and cooperation of drivers for providing good services for customer satisfaction and provide security to customer.

Hanumandalu (2017) studied on correct pricing of Uber and Ola legal in India. They followed the strategy of expanding their operations and building a customer base in cities across India. The motive was to increase market share and economies of scale by providing customer satisfaction. It was suggested that to optimize the cost for all level by goCatchRider, need to be more customer-centric, target-oriented, innovative, and keep delighting the customers.

Shukala et al (2017) studied the spirited of India's taxi market with different factors like rating fare, market share, revenue models, etc. studied the comparative study of two daily commuters Ola and UBER for uses expansion strategy for their business operations and for building customer base across India. Suggested to operate in a competitive environment to optimize their costs at all levels, they need to be highly innovative and more customer-centric and target-oriented.

Hanaif and Sagaar (2017), focused on the cab services which have potential growth in pune. Need for corporate and middle and affluent classes. Apart from facing parking problems in city people preferred to

call up a taxi cab service for visiting a location, going out on an occasion, and to attend a late-night ride. The study showed the customer satisfaction level is very very high, which is a positive point for growth and expansion of a business provider moer safety.

Sahaa SK, Kaalita J, Saha S (2018) studied the perceptive of consumer perception on cab services. People consider the cab service was a luxurious necessity and feel justified for the tariff taxicharged by these companies who provides better facilities than auto-rickshaws and public buses good. Employment opportunities for drivers,cab will increase with the rise in the number of taxis in the city.

Paandya et al (2017), studied the result of the private taxi companies on the public taxi world and carried out research in taxi market with specific variables like technology trends, comfort, safety ride, price, ease of availability and the payment options are indeed affecting the public taxi market.

III. GOCATCH RIDER METHODOLOGY

GoCatch riders App it is an online vehicle booking App. goCatch Driver use their own Vehicles to transport riders who place orders through the goCatch riders app. Common duties listed on an goCatch Driver resume are picking up passengers, transporting clients between places, and keeping their vehicle in good condition. Also two new Functionality are added in that i.e video and audio

It then matches you with the closest goCatchRider driver available. When a driver accepts your trip enjoy your trip, you'll see their name, license plate, photo, rating, and a temporary substitute telephone number ,on voideo. You'll be able to follow your Uber driver on the built-in map until they arrive with you and when on a trip, you can follow your trip in real-time and share your ETA with friends.
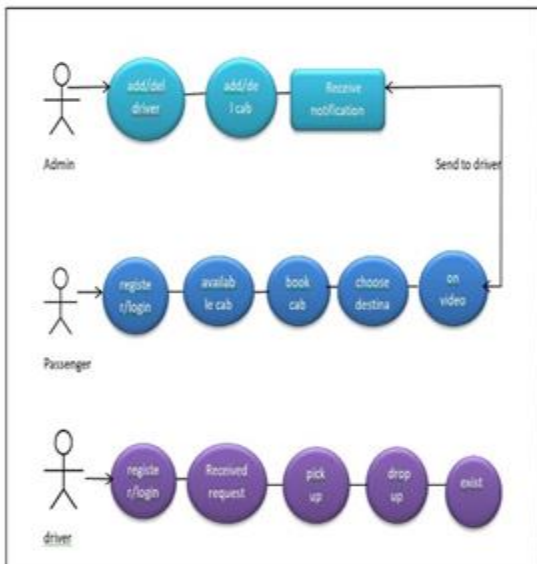
Proposed system: -
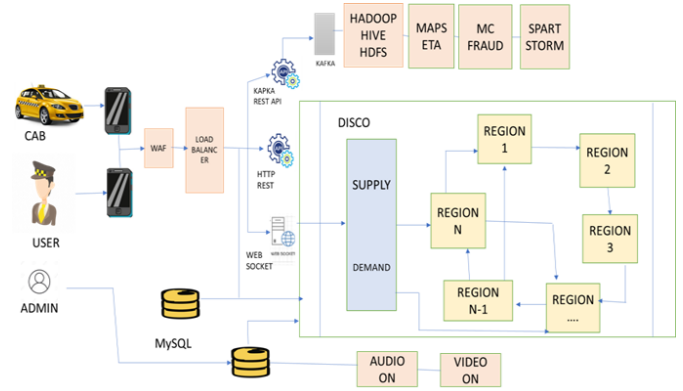
IV. SYSTEM IMPLEMENTATION

APPLICATIONS

1. goCatchRiders is very user-friendly and simple. One can quickly enter the basic most important information like details by just scanning instead of typing to complete the sign up process.

2. provides better services than other taxis. It provides clear overview of pricing prior to location, provide security booking, one-tap , follow drivers on map, fare splitting as well as feedback options.

3. goCatchRider keeps transparency with its customer provide good ride related to its services and charge for the trip. It provides full details regarding distance, average speed and fare details.

4. It's primary means of communication with the consumer still remains SMS and Email which seem to be working fine for the time being. Uber has invested a lot on their blog (newsroom.uber.com) to document their efforts and keep its customers updated on the company activities.

5. It is truly moving from 4Ps of Marketing to 3Cs: Consistent, Contextual and Capability.

Project, Saying It Will Push For Autonomous Cars". NPR. Archived from the original on August 8, 2018. "Uber Ride Options". Uber.

[5]. "Uber Boat by Thames Clippers".
[6]. Uber. "Tracking your earnings".
[7]. Uber. "Uber's upfront pricing, explained". Uber.

V. CONCLUSION

This was the brief overview if goCatch riders app .This app mainly design to reduce manual work. In this App user can book their vehicle as per requirement . Fast processing and immediate result with high security and the navigation through app is easy. Many features available in that like book ride , delete ride, popup notification, navigation using map, video and audio functionality

VI. REFERENCES

[1]. "Uber Announces Results for Fourth Quarter and Full Year 2020". investor.uber.com. Retrieved March 28, 2021.

[2]. "Uber Technologies, Inc. – Financials (10K)". investor.uber.com. Retrieved April 29, 2020. "Uber: Cities".

[3]. Bhuiyan, Johana (April 25, 2018). "Uber's first diversity report under CEO Dara Khosrowshahi shows Uber is still mostly white and male". Recode. Archived from the original on January 30, 2019. Retrieved January 29, 2019.

[4]. "Uber just sold its food delivery business in India to local rival Zomato for 9.99 Chappell, Bill (July 31, 2018). "Uber Parks Its Self-Driving Truck