**Cheetah Riders**

**1.Requirements Gathering :**

* Register / Login
* Rider Requirements

1. Booking Process
2. Location Process
3. Ride Experience
4. Payment Options
5. Safety & Security

* Driver Requirement

1. Onborading Process
2. Rider Management
3. Availability
4. Earning

* Services Requirement

1. Rider Registeration Process
2. Offers & Discount
3. Support & Assistance

* Feedback & Review

**2. Planning & Defining :**

* Discuss **the purpose of the application** and **details about the end-user of the product** with plannig team.
* Planning of **project schedule , cost estimation & others**.
* Discuss about **key elements** like **format of the application** for designing.
* Main discussion about rider requirement , driver Requirements , service requirement.
* Login (1) --- Email or Phone Number with your password , Or Directly login with your google account.

Register (3) --- Username , EmailId , Phone number , Create Password ,

OTP verfication , Register button.

* In rider requirement ,this process can contain some modules.

1. Booking Process[5]--- Pick Up Location , Drop Loaction , Choose Vechiles like Bike , Auto , Cab Mini , Cab & add new options like**, If female customer booking ride ,then the options are female riders picking option** and **If male customer booking ride ,then the options are male riders picking option.**
2. Location Service[3]--- If customer don't know the exact location, then **select on map**.
3. Ride Experience[3]--- Gather preferences for the ride experience, such as **ride-sharing options**, preferences for **specific types of bikes (if available)**.
4. Payment Options[5] --- Understand preferences for payment methods, including cashless transactions, **mobile wallets, credit/debit cards** , or **even cash payments**.
5. Safety & Security[5]--- Identify features that would enhance rider safety and security, such as **driver verification** , **real-time ride tracking** , **emergency assistance options like SOS** , and **in-app communication with drivers along audio and video recording .**

* In driver requirments, this process can contain some modules.

1. Onboarding Process[3]--- Determine the requirements and preferences for the driver onboarding process.
2. Ride Management[3]--- The driver should follow some important rules , there are **dirver uniform** , in **bike driver should have double helmets** , [**NOTE** - If **driver don't have double helmets** , then **customers claim or reduce some money**. So Driver Should have double helmets].
3. Availablity[3]--- Gather requirements related to **driver availability** and **scheduling**.
4. Earning[3] --- Showing **earning money per/days**.

* In Service requirement , this process can contain some modules.

1. Rider Registeration Process[5]--- If drivers are register to drive and once register the company provide **uniform and one helment , camera with audio record and head gloves for use and throw .**
2. Support & Assistance[3]--- If any **problem during travel** ,**then customer or driver contact supporting team**. They are giving some solution .
3. Offer & Discount[3]--- If customer get **first ride in cheetah riders** ,then **discount 30%** and **any festivel is coming** ,that also **discount 20%** . If **Drivers reached targets**, then **monthly 2 times get free puncture coupons.**

* In Feeback & Review ,this process customers give some feedback to driver and cheetah riders app[3].
* **Front-end Developer** --- used for suitable framework like PHP , **React JS**.

- Its developed for user view parts.

* **Back-end Developer** --- used for suitable programming language like **Java , Python**.

- Its developed for connecting interface relationship

* **Database** --- used to store customer and driver data. Suitable database **SQL Server**.
* In this project ,**testing tool** is **automation like Selenium**.
* Duration of the project is **5 month**.
* **Two Weeks once the scrum meeting**.
* Finally, all the discussed details are to be filed in **SRS (Software Requirement Specification) documents.**

**3. Design :**

* The designer team will dicussed the system design following the SRS.
* In designing team , two ways to design the application.

1. High Level Design 2. Low Level Design

* In High Level Design(HLD) --- Its about Software Architecture like the breif discription of each module , Flow Diagram , Database Table , Interface relationship.
* In Low Lovel Design(LLD) --- Its about input and output of user requirement design , Rough design.
* All the HLD and LLD documented in **DDS(Design Document Specification).**

**4. Implementation Team :**

* After Designing phase document carried forward the implementation team.
* This may involve frontend development for the user interface and backend development for server-side logic and data management.
* Executing same same modules ,its called as **Unit testing**.This testing did for developer.

**5. Testing :**

* The testing phase conduct by QA team or Tester.
* Its used to suitable for User Acceptance Testing , System Testing , etc,.
* The testing team starts testing the functionality of th entire system.
* If the find bugs/defects which reports to developer then development team fixes the bug and send back to QA team.

**6. Deployment & Manitenance :**

* Once the software is certified and no bugs or errors are stated , then final software is release in market or deploymeted in customer environment.
* If any issue comes up and needs to be fixed or any updating is to be done is taken by the manitenance phase,