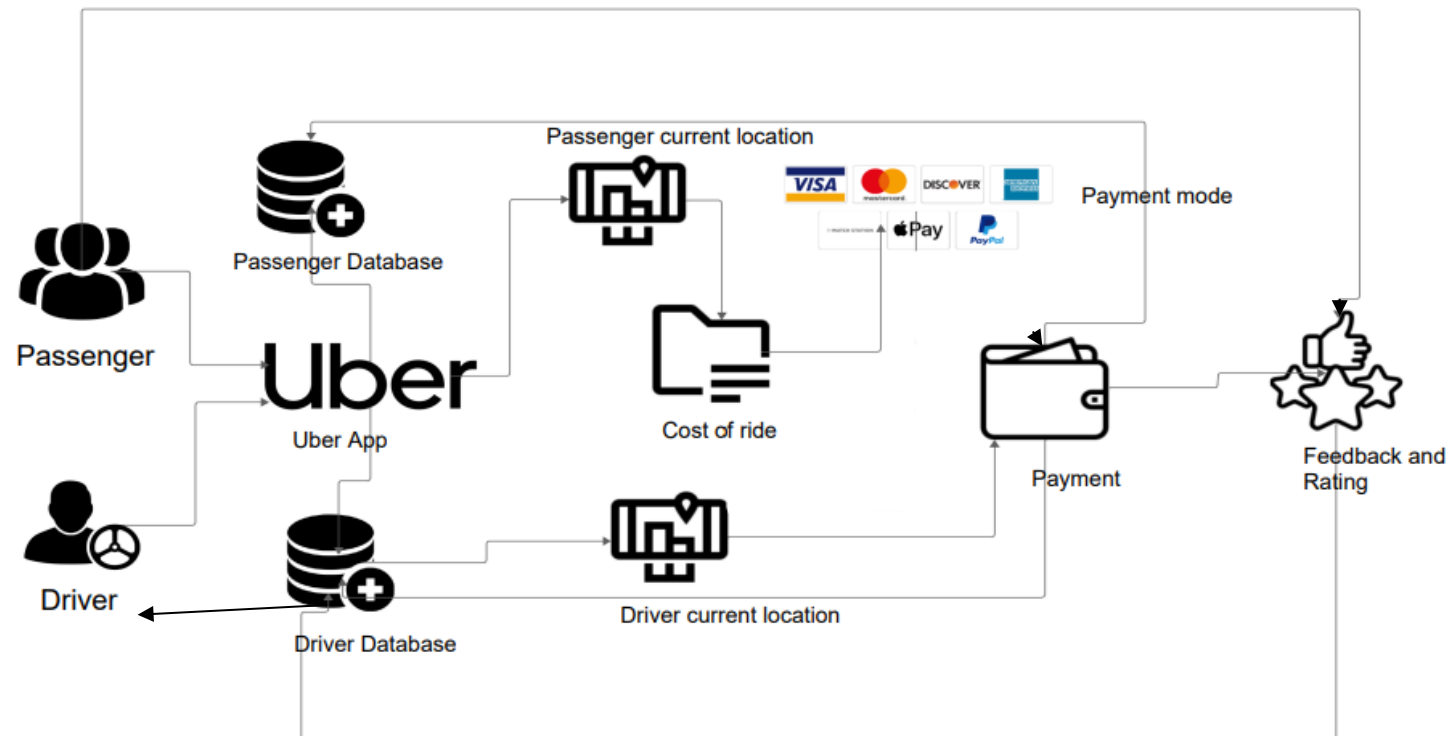


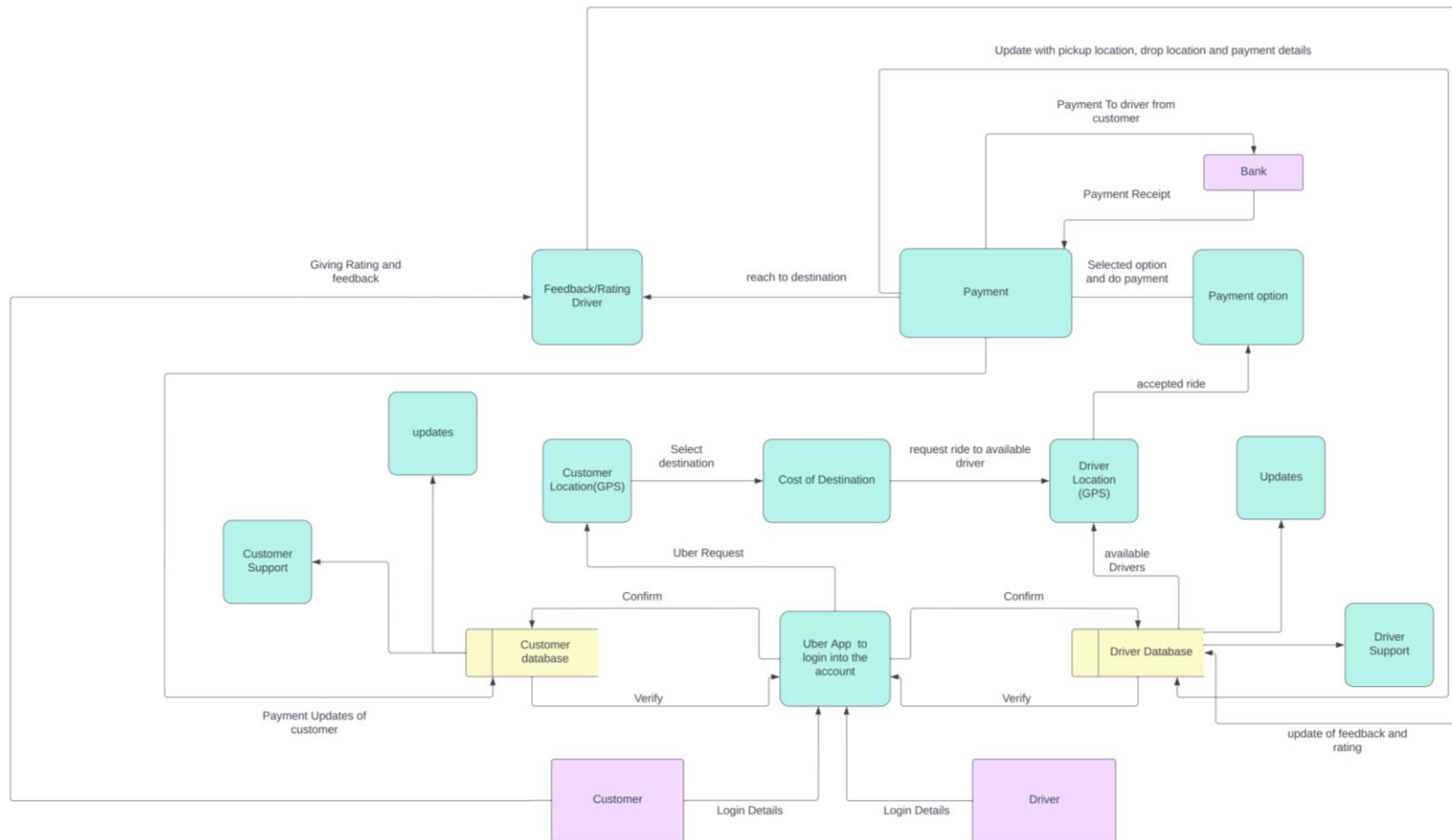
Project Design Phase Data Flow Diagram & User Stories

Date	16 October 2022
Team ID	Team-591256
Project Name	Project – Voyage Vista
Maximum Marks	4 Marks

Data Flow Diagrams:

A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system. A neat and clear DFD can depict the right amount of the system requirement graphically. It shows how data enters and leaves the system, what changes the information, and where data is stored.





User Stories

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Passengers and drivers	Collection of data	USN-1	Collect the ride and transaction details from the app.	Use MySQL as database to store this data.	High	Sprint-1
Data Analytics Team in Uber company	Cleaning and preparing data	USN-2	Clean and prepare the data to be further analyzed.	Use MySQL to write queries in order to make the dataset ready for analysis.	High	Sprint-2
Data Analytics Team in Uber company	Examining the data	USN-3	Thoroughly examine and comprehend the data including details within each attribute.	Connect Tableau with MySQL to link with the dataset and study the data.	High	Sprint-2
Data Analytics Team in Uber company	Analyze the data	USN-4	Analyze the data to observe any trends.	Make visualizations, dashboards, and stories on Tableau.	High	Sprint-3
Web Design Team in Uber company	Incorporate the visualizations into a site	USN-5	Create a site (private for company use only) to host the visualizations, dashboards, and stories.	Use Visual Studio and Flask to create the website for the company.	Medium	Sprint-4
Data Analytics Team in Uber company	Insights from visualizations	USN-6	Study the visualizations and gain insights from the same.	Look for peak hour/day trends, driver performance metrics etc.	High	Sprint-3
Operation Management Team in Uber company	Plan programs for handling surge in ride request	USN-7	Develop strategies and initiatives (based on insights gained from visualizations) to ensure the company users' satisfaction.	Make thorough plans and programs and how to implement them.	High	Sprint-5
Uber company	Implementing programs	USN-8	Put the program into action ensuring that it benefits both the company and its users.	Implement the Peak-Hour Driver Incentive Program, Peak-Hours Passenger Advisory program.	High	Sprint-5