

## Project Design Phase Solution Architecture

Date	15 October 2023
Team ID	Team-591256
Project Name	Project – Voyage Vista
Maximum Marks	4 Marks

### Solution Architecture:

To implement the Peak-Hour Driver Incentive program and Peak-Hour Passenger Incentive program, we need to first identify the peak hour/day trends from the previously collected data of ride details (booked by passengers). Analyzing this data will assist the company in not only identifying areas that need attention but also ensuring customer satisfaction and maintaining its market position and sales. The above-mentioned programs will encourage drivers to make themselves available during peak hours and also inform passengers about the surge prices and advance booking options.

Our solution leverages analyzing the data of previously booked ride details to address the problem of managing the surge in ride requests during peak hours.

- Data gathering (from Uber)
- Cleaning and preparing data
- Analyzing the data
- Making visualizations, dashboards, and stories

### Solution Architecture Diagram:

