

Project Summary

Food Delivery Application will be the domain for our project. The domain will focus on customer and delivery management logistics, primarily on the data exchanged between the users and restaurants. The goal of our project is to identify how long it takes on average for a food order to be placed, prepared, and delivered from a restaurant to its customers, as well as how payments are made by customers and received by the restaurants and drivers. Customers can also provide feedback to restaurants. Orders can also have complaints made by the user.

Tentative Timeline and Task Assignment

Week/Starting Date	Tasks	Task Assignment
1 (13 March, 2023)	<ol style="list-style-type: none">1. Frontend Research and prototyping of screens2. Start basic GUI implementation3. Database setup4. Backend queries (CREATE, INSERT, DELETE, UPDATE)	<ol style="list-style-type: none">1. All team members2. Kaiti3. All team members4. CREATE, INSERT : Manek4. DELETE, UPDATE : Kush
2 (20 March, 2023)	<ol style="list-style-type: none">1. Frontend implementation continue with basic GUI2. Continue backend queries (SELECTION, PROJECTION, JOIN, AGGREGATION WITH GROUP BY, AGGREGATION WITH HAVING)	<ol style="list-style-type: none">1. Kush2. SELECTION, PROJECTION: Kaiti2. JOIN: Kush2. AGGREGATIONS: Manek

3 (27 March, 2023)	<ol style="list-style-type: none">1. Aim to finish most GUI implementation and starting integrating with backend2. Aim to complete backend queries (NESTED AGGREGATION WITH HAVING, NESTED AGGREGATION WITH GROUP BY, DIVISION)3. Start testing queries (manual testing for now)	<ol style="list-style-type: none">1. Manek2. NESTED AGGREGATION WITH HAVING - Manek2. NESTED AGGREGATION WITH GROUP BY - Kaiti2. DIVISION - Kush3. Kush
4 (3 April, 2023)	<ol style="list-style-type: none">1. Test endpoint integration for frontend features2. Continue testing backend queries3. General user notifications for Error handling4. Data sanitization5. Readme doc & documentation of queries & UI functionality (screenshots)	<ol style="list-style-type: none">1. Kaiti, Kush2. Manek, Kush3. Manek4. Kush5. All team members
5 (10 April, 2023)	<ol style="list-style-type: none">1. Last check to make sure no deliverables have changed since April 5th2. Meeting all of milestone 5 & 6 requirements3. Running test on the	<ol style="list-style-type: none">1. All team members2. All team members3. All team members4. All team members

	system to ensure everything works correctly 4. Make sure everything is setup before the demo	
--	---	--

Description of challenges/things left to do

Challenges	Discussion/Tasks
Complexity of our UI	<ul style="list-style-type: none">• Make sure we meet the minimum requirements for GUI and the GUI doesn't include SQL syntax
SQL queries	<ul style="list-style-type: none">• Ensure our queries meet milestone 4 & 5 requirements• Ensure our queries are complex enough
Connecting backend (database) to our frontend (UI)	<ul style="list-style-type: none">• The integration of our database to our UI
Meeting deliverable deadlines	<ul style="list-style-type: none">• Ensure that all our deliverables for milestone 4 & 5 meet the 2 business day deliverable deadlines
UI Page design	<ul style="list-style-type: none">• Ensure our UI pages are user friendly and links to all of our queries• Increase the design/ quality of our UI if time permits
Time constraint	<ul style="list-style-type: none">• Ensure all member roughly meet the deadlines in the timeline so project deliverables are done on time
Testing	<ul style="list-style-type: none">• Design test at the end to ensure all queries are correct & database/ UI runs smoothly

