 

Project Initialization and Planning Phase

|  |  |
| --- | --- |
| Date | 10 July 2024 |
| Team ID | 739702 |
| Project Name | OPTIMISING FOOD DELIVERY |
| Maximum Marks | 3 Marks |

Define Problem Statement:

In the fast-paced world of food delivery, efficiency and customer satisfaction are paramount. Long delivery times, inefficient routing, and unpredictable delays can significantly impact both the customer experience and the operational costs for food delivery services.

The purpose of this project is to optimize the food delivery process using machine learning techniques. By predicting the best routes, estimating delivery times, and analysing patterns in delivery data, we aim to improve the overall efficiency of food delivery services.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| I am      A food delivery service operator | I’m trying to    Optimize the delivery routes and times for our delivery personnel | But    Current methods are inefficient and lead to delays and increased operational costs | Because    Timely deliveries and efficient operations are critical for customer satisfaction and cost management | Which makes me feel    Concerned about customer complaints and rising costs due to inefficiencies |

 

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Problem**  **Statement**(PS) | I  **am** | **I'm** **trying** to | **But** | **Because** | **Which** **makes** **me**  **feel** |
| PS-1 | A food delivery service operator | Optimize the delivery routes and times for our delivery personnel | Current methods are inefficient and lead to delays and increased operational costs | Timely deliveries and efficient operations are critical for customer satisfaction and cost management | Concerned about customer complaints and rising costs due to inefficiencies |