



## **Initial Project Planning**

| Date          | 13 March 2024                                   |
|---------------|---|
| Team ID       | 738220  |
| Project Name  | Walmart Sales Analysis for Retail Industry with |
|               | Machine Learning                                |
| Maximum Marks | 4 Marks   |

## **Product Backlog, Sprint Schedule, and Estimation (4 Marks)**

Use the below template to create a product backlog and sprint schedule

| Sprint   | Functional    | <b>User Story</b> | User Story / Task                         | Story         | Priority | Team        | Sprint     | Sprint End |
|----------|---------------|-------------------|---|---------------|----------|-------------|------------|------------|
|          | Requirement   | Number            |   | <b>Points</b> |          | Members     | Start Date | Date       |
|          | (Epic)        |                   |   |               |          |             |            | (Planned)  |
| Sprint-1 | Data          | WSAFRIW           | Collection Data, downloading the          | 2             | High     | Sharvaj     | 15-04-24   | 17-04-24   |
|          | collection    | ML-1              | dataset                                   |               |          |             |            |            |
| Sprint-2 | Loading The   | WSAFRIW           | Loading the dataset from kaggle,          | 1             | High     | Ketaki/Shar | 17-04-24   | 19-04-24   |
|          | Dataset       | ML-4              | importing,reading, descriptive            |               |          | vaj         |            |            |
|          |               |                   | analysis                                  |               |          |             |            |            |
| Sprint-3 | Data          | WSAFRIW           | Checking null values, handling            | 2             | High     | Ketaki      | 19-04-24   | 21-04-24   |
|          | preprocessing | ML-8              | missing values, EDA, Handling             |               |          |             |            |            |
|          |               |                   | categorical values, splitting test, train |               |          |             |            |            |
| Sprint-4 | Model         | WSAFRIW           | Random forest, descision tree,            | 2             | High     | Dinesh/Yo   | 21-04-24   | 23-04-24   |
|          | Building      | ML-15             | XgBoost, ARIMA, comparing                 |               |          | gini        |            |            |

| Sprint-5 | Application | WSAFRIW | Building html, building the python | 1 | High | Yogini | 23-04-24 | 26-04-24 |
|----------|-------------|---------|------------------------------------|---|------|--------|----------|----------|
|          | Building    | ML-21   | code in flask                      |   |      |        |          |          |