

## Initial Project Planning Template

|               |  |
|---------------|--|
| Date          | July 2024                                  |
| Team ID       | 740664                                     |
| Project Name  | Drug classification using 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 Requirement (Epic)     | User Story Number | User Story / Task            | Priority | Team Members | Sprint Start Date | Sprint End Date (Planned) |
|----------|-----------------------------------|-------------------|------------------------------|----------|--------------|-------------------|---------------------------|
| Sprint-1 | Data Collection And Preprocessing | DC-1              | Understanding & loading data | Low      | Keerthana    | 2024/05/05        | 2024/05/10                |
| Sprint-1 | Data Collection And Preprocessing | DC-2              | Data Cleaning                | High     | Sreeja       | 2024/05/05        | 2024/05/12                |
| Sprint-1 | Data Collection And Preprocessing | DC-3              | EDA                          | Low      | Aditya       | 2024/05/05        | 2024/05/12                |

|          |                           |       |  |        |           |            |            |
|----------|---------------------------|-------|--|--------|-----------|------------|------------|
| Sprint-2 | Exploratory data Analysis | DC-4  | Analyse The Data                                       | Medium | Keerthana | 2024/05/12 | 2024/05/15 |
| Sprint-2 | Exploratory data Analysis | DC-5  | Data Visualisation                                     | High   | Bhoomika  | 2024/05/12 | 2024/05/15 |
| Sprint-3 | Exploratory data Analysis | DC-6  | Evaluating the model                                   | Low    | Aditya    | 2024/06/13 | 2024/06/19 |
| Sprint-3 | Model Building            | DC-7  | Training the model                                     | Medium | Sreeja    | 2024/06/18 | 2024/06/20 |
| Sprint-3 | Model Building            | DC-8  | Testing the model                                      | High   | Sreeja    | 2024/06/22 | 2024/05/25 |
| Sprint-4 | Model Development         | DC-9  | Save the best Model                                    | Low    | Bhoomika  | 2024/06/22 | 2024/06/27 |
| Sprint-4 | Model Development         | DC-10 | Integrate with Web Framework & building HTML templates | Low    | Keerthana | 2024/06/28 | 2024/06/30 |

|          |                |       |        |        |          |            |            |
|----------|----------------|-------|--------|--------|----------|------------|------------|
| Sprint-1 | Project Report | DC-13 | Report | Medium | Bhoomika | 2024/07/01 | 2024/07/09 |
|----------|----------------|-------|--------|--------|----------|------------|------------|