

### Initial Project Planning Report

|               |                          |
|---------------|--------------------------|
| Date          | 25-01-2024               |
| Team ID       | 739903                   |
| Project Name  | Mental health prediction |
| Maximum Marks | 4 Marks                  |

### Product Backlog, Sprint Schedule, and Estimation

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 | US1               | As a clinician, I want to input patient data so the system can predict outcomes     | High     | Manideepika  | 2024/06/21        | 2024/06/21                |
| Sprint-1 | Data Collection and Preprocessing | US2               | As a data scientist, I want to preprocess the data so that it is clean for analysis | High     | Manideepika  | 2024/06/21        | 2024/06/21                |
| Sprint-1 | Data Collection and Preprocessing | US3               | As a data scientist, I want to perform exploratory data analysis to understand      | Medium   | Manideepika  | 2024/06/23        | 2024/06/25                |

|               |                                      |                          |  |                 |                     |                          |                                  |
|---------------|--------------------------------------|--------------------------|--|-----------------|---------------------|--------------------------|----------------------------------|
|               |                                      |                          | the data   |                 |                     |                          |                                  |
| Sprint-4      | Model development                    | US4                      | As a data scientist , I want want to train model using preprocessed data for predictions | Medium          | Nagarjuna           | 2024/06/26               | 2024/06/26                       |
| <b>Sprint</b> | <b>Functional Requirement (Epic)</b> | <b>User Story Number</b> | <b>User Story / Task</b>   | <b>Priority</b> | <b>Team Members</b> | <b>Sprint Start Date</b> | <b>Sprint End Date (Planned)</b> |
| Sprint-2      | Model Development                    | US5                      | As a data scientist, I want to evaluate the model to ensure accuracy.                    | Medium          | Syed Shariq Sharief | 2024/06/27               | 2024/06/28                       |
| Sprint-2      | Model Tuning and Testing             | US6                      | As a data scientist, I want to tune the model to improve performance.                    | High            | Syed Shariq Sharief | 2024/06/29               | 2024/03/29                       |
| Sprint-2      | Model tuning and testing             | US7                      | As a data scientist, I want to test the model to ensure reliability.                     | Medium          | Nagarjuna           | 2024/06/30               | 2024/09/30                       |
| Sprint-3      | Web integration and Deployment       | US8                      | Integrate model into web application.  | Low             | Bhavana             | 2024/06/01               | 2024/06/01                       |

|          |                                |      |  |        |         |            |            |
|----------|--------------------------------|------|--|--------|---------|------------|------------|
| Sprint-3 | Web integration and Deployment | US9  | As a developer, I want to deploy the application locally for testing   | Medium | Bhavana | 2024/06/02 | 2024/06/04 |
| Sprint-3 | Project Report                 | US10 | As a report manager , I want to create a comprehensive project report. | Medium | Bhavana | 2024/06/04 | 2024/06/06 |

