# Initial Project Planning Report

| Date | 12-06-2025 |
|---|---|
| Team ID | SWTID1749622322 |
| Project Name | HealthCareApp – Mental Health Prediction Model Using ML |
| 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 | SL-3 | Understanding & loading data | Low | Malhaar.B | 2025/05/13 | 2025/05/13 |
| Sprint-1 | Data Collection and Preprocessing | SL-4 | Data cleaning | High | Malhaar.B | 2025/05/13 | 2025/05/13 |
| Sprint-1 | Data Collection and Preprocessing | SL-5 | EDA | Medium | Kartikey.C | 2025/05/13 | 2025/05/13 |
| Sprint-4 | Project Report | SL-20 | Report | Medium | Katikey.C | 2025/05/13 | 2025/05/13 |
| Sprint-2 | Model Development | SL-8 | Training the model | Medium | Anshveer.S | 2025/05/14 | 2025/05/14 |

| Sprint | Functional Requirement (Epic) | User Story Number | User Story / Task | Priority | Team Members | Sprint Start Date | Sprint End Date (Planned) |
|---|---|---|---|---|---|---|---|
| Sprint-2 | Model Development | SL-9 | Evaluating the model | Medium | Anshveer.S | 2025/05/14 | 2025/05/14 |
| Sprint-2 | Model tuning and testing | SL-13 | Model tuning | High | Anshveer.S | 2025/05/14 | 2025/05/14 |
| Sprint-2 | Model tuning and testing | SL-14 | Model testing | Medium | Shagun.k | 2025/05/14 | 2025/05/14 |
| **Sprint** | **Functional Requirement (Epic)** | **User Story Number** | **User Story / Task** | **Priority** | **Team Members** | **Sprint Start Date** | **Sprint End Date (Planned)** |
| Sprint-3 | Web integration and Deployment | SL-16 | Building HTML templates | Low | Shagun.K | 2025/05/14 | 2025/05/14 |
| Sprint-3 | Web integration and Deployment | SL-17 | Local deployment | Medium | Shagun.K | 2025/05/14 | 2025/05/14 |

**Screenshot:**

Sprints

SL-1 Data Collection and Preprocessing
  SL-3 Understanding D...   IN PROGRESS
  SL-4 Data Cleaning   IN PROGRESS
  SL-5 EDA   IN PROGRESS

SL-6 Model Development   +
  S[ In Progress: 2 of 2 ]mod...   IN PROGRESS
  SL-9 Evaluating all mo...   IN PROGRESS

SL-11 Model tuning and testing

SL-15 Web integration and Deployment

SL-18 Project Report

+ Create Epic

TO DO 5

**Selecting the best model**

MODEL DEVELOPMENT

SL-12                                    1

**Model tuning** ✏                  ...

MODEL TUNING AND TESTING

SL-13                                    2

**Model testing**

MODEL TUNING AND TESTING

SL-14

**Building the HTML templates with JS and CSS**

WEB INTEGRATION AND DEPLOYMENT

SL-16                                    2

IN PROGRESS 1

**Evaluating all models** ✏        ...

MODEL DEVELOPMENT

SL-9                                     2

DONE 1 ✓

**Training the model with multiple algorithms**

MODEL DEVELOPMENT

SL-8                              ✓ 1