

## Initial Project Planning Template

|               |                              |
|---------------|------------------------------|
| Date          | 25 June 2025                 |
| Name          | Aniket Jingonda Patil        |
| Project Name  | Health Classification System |
| 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  | Story Points | Priority | Sprint Start Date | Sprint End Date (Planned) |
|----------|-------------------------------|-------------------|--|--------------|----------|-------------------|---------------------------|
| Sprint-1 | Data Preprocessing            | USN-1             | As a developer,I can preprocess the CTG dataset with scaling and splitting.                    | 2            | High     |                   |                           |
| Sprint-1 | Model Training                | USN-2             | As a developer, I can train an initial XGBoost model on the preprocessed data.                 | 3            | High     |                   |                           |
| Sprint-2 | Application Development       | USN-3             | As a user, I can input CTG metrics and get a fetal health prediction via a web interface.      | 3            | High     |                   |                           |
| Sprint-2 | UI Enhancement                | USN-4             | As a user, I can view the prediction with a clear message and numeric value on the result page | 2            | Medium   |                   |                           |