**Initial Project Planning Template**

|  |  |
| --- | --- |
| Date | 10 August 2025 |
| Team ID | xxxxxx |
| Project Name | Predicting Plant Growth Stages Using Environmental & Management Data in Power BI |
| 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** | **Team Members** | **Sprint Start Date** | **Sprint End Date (Planned)** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Sprint-1 | Data Collection | USN-1 | As a user, I can import environmental data (temperature, humidity, sunlight hours) into Power BI from Excel/CSV. | 2 | High |  |  |  |
| Sprint-1 | Data Collection | USN-2 | As a user, I can input management data (watering frequency, fertilizer type, soil type) into Power BI for analysis. | 1 | High |  |  |  |
| Sprint-2 | Data Processing | USN-3 | As a user, I can clean and transform raw data in Power BI so it’s ready for visualization. | 2 | Medium |  |  |  |
| Sprint-2 | Growth Stage Prediction | USN-4 | As a user, I can view predicted plant growth stages using calculated measures and charts in Power BI. | 2 | High |  |  |  |
| Sprint-3 | Dashboard Visualization | USN-5 | As a user, I can see an interactive dashboard showing environmental factors, management practices, and growth stage timelines. | 1 | High |  |  |  |