**Initial Project Planning Template**

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| --- | --- |
| Date | 6 October 2025 |
| Team ID | -------- |
| Project Name | Global Food Production Trends and Analysis (1961 – 2023) |
| 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 Import & Cleaning | USN-1 | As a user, I want to import the dataset (CSV) into Power BI so that I can start building the model. | 1 | High | Hemasree | 1 OCT 2025 | 2 OCT 2025 |
|  |  | USN-2 | As a user, I want to clean the dataset (remove blanks, handle missing values, rename columns). | 2 | High | Hemasree | 1 OCT 2025 | 2 OCT 2025 |
| Sprint-2 | Data Modeling | USN-3 | As a user, I want to define relationships (if needed) and create calculated columns/measures (DAX). | 3 | High | Hemasree | 3 OCT 2025 | 4 0CT 2025 |
| Sprint-3 | Visualization Design | USN-4 | As a user, I want to create country-wise charts showing malnutrition trends. | 4 | High | Hemasree | 4 OCT 2025 | 5 OCT 2025 |
|  |  | USN-5 | As a user, I want to build gender and age-group analysis visuals. | 2 | Medium | Hemasree | 4 OCT 2025 | 5 OCT 2025 |
| Sprint-4 | Dashboard Creation & Insights | USN-6 | As a user, I want to design an interactive Power BI dashboard with filters & slicers. | 3 | High | Hemasree | 5 OCT 2025 | 6 OCT 2025 |
|  |  | USN-7 | As a user, I want to highlight top 5 countries with highest malnutrition cases in the dashboard. | 2 | Medium | Hemasree | 5 OCT 2025 | 6 OCT 2025 |
| Sprint-5 | Reporting & Documentation | USN-8 | As a user, I want to prepare a final report & export dashboard screenshots for submission. | 2 | High | Hemasree | 6 OCT 2025 | 7 OCT 2025 |