**Initial Project Planning Template**

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| Date | 1 October 2025 |
| Team ID | SWUID20250181698 |
| Project Name | Global Inflation Dynamics (1980-2024): A Comparative Time-Series Analysis |
| 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)** |
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| Sprint-1 | Data Engineering & Preparation | USN-1 | US-1.1: Load the raw CSV into Power Query. | 1 | High | Lokesh | 1 OCT 2025 | 3 OCT 2025 |
| Sprint-1 |  |  | US-1.2: **Unpivot (Melt)** the 45 Year Columns (1980-2024) into a single column. | 2 | High | Lokesh |  |  |
| Sprint-1 |  |  | US-1.3: Filter data by dropping NaNs and countries with <50% data coverage. | 2 | High | Lokesh |  |  |
| Sprint-1 |  |  | US-1.4: Create a **Conditional Column** to assign the **Economic Bloc** (G7/BRICS/Other). | 1 | High | Lokesh |  |  |
| Sprin | Analysis & Dashboard Finalization | USN-2 | US-2.1: Define DAX Measures for Median Inflation and Comparative KPIs. | 2 | High | Lokesh | 3 OCT 2025 | 5 OCT 2025 |
| Sprint-2 |  |  | US-2.2: Create the **Comparative Line Chart** (G7 vs. BRICS) and the **Extreme Outlier** Chart. | 3 | High | Lokesh |  |  |
| Sprint-2 |  |  | US-2.3: Build the final **Interactive Dashboard** (KPIs, Slicers, Layout). | 2 | High | Lokesh |  |  |
| Sprint-2 |  |  | US-2.4: **Final Documentation** (Reports, PDF, Video Script). | 4 | High | Lokesh |  |  |
| Sprint-2 |  |  | US-2.5: **Final Documentation** (Reports, PDF, Video Script). | 2 | High | Lokesh |  |  |