**Initial Project Planning Template**

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| Date | 12 June 2025 |
| Project Name | Global Energy Trends: A Comprehensive Analysis of Key Regions and Generation Modes usi-ng Power BI |
| Maximum Marks | 4 Marks |

**Product Backlog, Sprint Schedule, and Estimation (4 Marks)**

| **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 Collection & Cleaning | USN-1 | As a team, we want to collect and clean global energy datasets from reliable sources to ensure data accuracy. | 3 | High | Anjali Priya | 2025-06-12 | 2025-06-14 |
| Sprint-1 | Data Modeling | USN-2 | As a team, we want to design a data model for Power BI that supports multi-region and multi-source analysis. | 2 | High | Anjali Priya | 2025-06-14 | 2025-06-16 |
| Sprint-2 | Dashboard Creation | USN-3 | As a user, I want to view a Power BI dashboard that compares regional energy generation trends. | 3 | High | Anjali Priya | 2025-06-16 | 2025-06-18 |
| Sprint-2 | Interactivity & Filters | USN-4 | As a user, I want to filter data by region, year, and energy source to customize insights. | 2 | Medium | Anjali Priya | 2025-06-18 | 2025-06-19 |
| Sprint-3 | Insight Generation | USN-5 | As a team, we want to highlight key insights like top energy producers and trends in renewables over time. | 2 | High | Anjali Priya | 2025-06-19 | 2025-06-20 |
| Sprint-3 | Scenario Analysis & Use Cases | USN-6 | As a team, we want to include real-world scenarios (Urban, Industrial, Rural) based on the dashboard findings. | 2 | Medium | Anjali Priya | 2025-06-20 | 2025-06-21 |
| Sprint-3 | Report Documentation | USN-7 | As a team, we want to document the analysis, visualizations, and conclusions in a final report. | 2 | High | Anjali Priya | 2025-06-21 | 2025-06-22 |