**5.PROJECT PLANNING AND SCHEDULING:**

**5.1 Project Planning:**

**Project Planning Template (Product Backlog, Sprint Planning, Stories, Story points)**

| Date | 19 June 2025 |
| --- | --- |
| Team ID | LTVIP2025TMID47771 |
| Project Name | Visualization Tool For Electric Vehicle Charge And Range Analysis |
| Maximum Marks | 5 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-1 | Data collection & upload | USN-1 | As a user, I can upload EV charge and range data via Excel or CSV | 3 | High | Koparam Sharanya |
| Sprint-1 | Data Cleaning | USN-2 | As a system, I clean and preprocess data by handling missing values and converting units. | 2 | High | Koparam Sharanya |
| Sprint-2 | Dashboard Design | USN-3 | As a user, I can view battery percentage, distance, and charge sessions through line and bar charts. | 3 | High | Sadanag-iri Sindhuja |
| Sprint-2 | Filters integration | USN-4 | |  | | --- |      | As a user, I can apply filters based on date, location, and battery level. | | --- | | 2 | Medium | Sadanag-iri Sindhuja |
| Sprint-3 | Map Visualization | USN-5 | As a user, I can view charging station data with geolocation on a map | 3 | High | Chakala  Yamuna  Sindhu |
| sprint-3 | Range Estimation | USN-6 | |  | | --- |      | As a user, I can see estimated range based on battery and efficiency. | | --- | | 2 | High | Chakala  Yamuna  Sindhu |
| sprint-4 | Storyboard & Presentation | USN-7 | As a user, I can view key insights and conclusions in a storyboard format. | 2 | Medium | Khamith-kar Anjali Bai |
| sprint-4 | |  | | --- |      | Export | | --- | | USN-8 | As a user, I can export visualized results to PDF or PNG. | 1 | Low | Khamith-kar Anjali Bai |