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

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|---|---|
| Date | 04 November 2022 |
| Team ID | PNT2022TMID14966 |
| Project Name | Signs with Smart Connectivity for Better Road Safety |
| Maximum Marks | 8 Marks |

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

Use the below template to create product backlog and sprint schedule

| Sprint | Functional Requirement (Epic) | User Story Number | User Story / Task | Story Points | Priority | Team Members |
|---|---|---|---|---|---|---|
| Sprint-1 | Initialization of All required Services | USN-1 | Initialize services like OpenWeatherMap, NodeRED, etc. | 2 | High | Manoj kumar<br><br>Harikrishnan<br><br>Jegan<br><br>Kirthik Saran |
| Sprint-2 | Implementation of Code | USN-2 | Coding to integrate all services as one | 2 | High | |
| Sprint-3 | Hardware Integration | USN-3 | Hardware implementation on IoT Enabled Device | 2 | Medium | |
| Sprint-4 | Optimization | USN-4 | Bug fixes and improvements | 2 | Low | |

**Project Tracker, Velocity & Burndown Chart: (4 Marks)**

| Sprint | Total Story Points | Duration | Sprint Start Date | Sprint End Date (Planned) | Story Points Completed (as on Planned End Date) | Sprint Release Date (Actual) |
|---|---|---|---|---|---|---|
| Sprint-1 | 20 | 6 Days | 24 Oct 2022 | 29 Oct 2022 | 20 | 29 Oct 2022 |
| Sprint-2 | 20 | 6 Days | 31 Oct 2022 | 05 Nov 2022 | 20 | 05 Nov 2022 |
| Sprint-3 | 20 | 6 Days | 07 Nov 2022 | 12 Nov 2022 | 20 | 14 Nov 2022 |
| Sprint-4 | 20 | 6 Days | 14 Nov 2022 | 19 Nov 2022 | 20 | 18 Nov 2022 |

**Burndown Chart:**