

**PROJECT PLANNING PHASE**  
**PROJECT PLANNING TEMPLATE (PRODUCT BACKLOG, SPRINT PLANNING, STORIES, STORY POINTS)**

|               |  |
|---------------|--|
| Date          | 24 OCTOBER 2022  |
| Team ID       | PNT2022TMID22101   |
| Project Name  | Project – SIGNS WITH SMART CONNECTIVITY FOR BETTER ROAD SAFETY |
| Maximum Marks | 8 Marks  |

**SIGNS WITH SMART CONNECTIVITY FOR BETTER ROAD SAFETY**

**Product Backlog, Sprint Schedule, and Estimation:**

| Sprint   | Functional Requirement (Epic) | User Story Number | User Story / Task   | Story Points | Priority | Team Members   |
|----------|-------------------------------|-------------------|---|--------------|----------|--|
| Sprint-1 | Registration                  | USN-1             | I may use a weather programme to find out my speed limit.   | 2            | High     | BHARATH O,<br>MANOJ K,<br>MOHAMED<br>FAYAZ S,<br>ABISHEK<br>RONJAN RC. |
| Sprint-2 |                               | USN-2             | I may sign up for the programme as a user by providing my email address, a password, and a password confirmation. | 1            | Medium   | BHARATH O,<br>MANOJ K,<br>MOHAMED<br>FAYAZ S,<br>ABISHEK<br>RONJAN RC. |
| Sprint-1 |                               | USN-3             | I, as a user, may alter my pace in response to a change in the weather.   | 2            | High     | BHARATH O,<br>MANOJ K,<br>MOHAMED<br>FAYAZ S,<br>ABISHEK<br>RONJAN RC. |

| Sprint   | Functional Requirement (Epic)       | User Story Number | User Story / Task  | Story Points | Priority | Team Members   |
|----------|-------------------------------------|-------------------|--|--------------|----------|--|
| Sprint-1 |                                     | USN-4             | I can receive traffic divert signs as a user based on traffic and potentially deadly scenarios.          | 2            | Medium   | BHARATH O,<br>MANOJ K,<br>MOHAMED<br>FAYAZ S,<br>ABISHEK<br>RONJAN RC. |
| Sprint-2 | Login                               | USN-5             | I may access the open weather map as a user by logging in using my email address and password.           | 1            | High     | BHARATH O,<br>MANOJ K,<br>MOHAMED<br>FAYAZ S,<br>ABISHEK<br>RONJAN RC. |
| Sprint-1 | Interface                           | USN-6             | The user interface needs to be straightforward and simple to use.  | 1            | Medium   | BHARATH O,<br>MANOJ K,<br>MOHAMED<br>FAYAZ S,<br>ABISHEK<br>RONJAN RC. |
| Sprint-1 | Data generation                     | USN-7             | I utilise the open weather programme as a user to obtain information on weather changes.                 | 2            | High     | BHARATH O,<br>MANOJ K,<br>MOHAMED<br>FAYAZ S,<br>ABISHEK<br>RONJAN RC. |
| Sprint-2 | Problem solving/<br>Fault clearance | USN-8             | As the authority in charge of ensuring the sign boards work properly must do through routine inspection. | 1            | Medium   | BHARATH O,<br>MANOJ K,<br>MOHAMED<br>FAYAZ S,<br>ABISHEK<br>RONJAN RC. |

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

| <b>Sprint</b> | <b>Total Story Points</b> | <b>Duration</b> | <b>Sprint Start Date</b> | <b>Sprint End Date (Planned)</b> | <b>Story Points Completed (as on Planned End Date)</b> | <b>Sprint Release Date (Actual)</b> |
|---------------|---------------------------|-----------------|--------------------------|----------------------------------|--|-------------------------------------|
| 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   | 12 Nov 2022                         |
| Sprint-4      | 20                        | 6 Days          | 14 Nov 2022              | 19 Nov 2022                      | 20   | 19 Nov 2022                         |

