PROJECT PLANNING PHASE

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

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| --- | --- |
| Date | 16 NOVEMBER 2022 |
| Team ID | PNT2022TMID52137 |
| Project Name | Project – SIGNS WITH SMART CONNECTIVITY FOR BETTER ROAD SAFETY |

SIGNS WITH SMART CONNECTIVITY FOR BETTER ROAD SAFETY

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

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| --- | --- | --- | --- | --- | --- | --- |
| **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 | 2 | Hig h | RAVICHANDRAN.T, |
| speed limit. | POOJA.E, |
|  | ROBINSON. S, |
|  | ROOBA.P. |
| Sprint-2 |  | USN-2 | I may sign up for the programme as a user by | 1 | Medium | RAVICHANDRAN.T, POOJA.E, |
| providing my email address, a password, and | ROBINSON.S, |
| a password confirmation. | ROOBA.P. |
| Sprint-3 |  | USN-3 | I, as a user, may alter my pace in response to | 2 | Hig h | RAVICHANDRAN.T, |
| a change in the weather. | POOJA.E, |
|  | ROBINSON.S, |
|  | ROOBA.P. |

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| **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 | 2 | Medium | RAVICHANDRAN.T |
| based on traffic and potentially deadly | POOJA.E, |
| scenarios. | ROBINSON.S, |
|  | ROOBA.P. |
| Sprint-1 | Login | USN-5 | I may access the open weather map as a user | 1 | High | RAVICHANDRAN.T |
| by logging in using my email address and | POOJA.E, |
| password. | ROBINSON.S, ROOBA.P. |
| Sprint-2 | Interface | USN-6 | The user interface needs to be straightforward | 1 | Medium | RAVICHANDRAN.T POOJA.E, ROBINSON.S, ROOBA.P. |
| and simple to use. |
| Sprint-3 | Data generation | USN-7 | I utilise the open weather programme as a | 2 | High | RAVICHANDRAN.T POOJA.E, ROBINSON.S, ROOBA.P. |
| user to obtain information on weather |
| changes. |
| Sprint-4 | Problem solving/ | USN-8 | As the authority in charge of ensuring the sign | 1 | Medium | RAVICHANRAN.T POOJA.E, ROBINSON.S, ROOBA.P. |
| Fault clearance | boards work properly must do through routine |
|  | inspection. |

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

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| **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 | 07 Nov 2022 |
| Sprint-4 | 20 | 6 Days | 14 Nov 2022 | 19 Nov 2022 | 20 | 07 Nov 2022 |