

PROJECT PLANNING PHASE

Date	22 October 2022
Team ID	PNT2022TMID30020
Project Name	Signs with smart connectivity for better road safety
Maximum Marks	8 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	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	2	High	Kesavan. L Mogamath Jaleell. A Krishnakumar. S Karthick. M
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	Kesavan. L Mogamath Jaleell. A Krishnakumar. S Karthick. M
Sprint-1		USN-3	As a user, I can register for the application through Gmail	1	Medium	Kesavan. L Mogamath Jaleell. A Krishnakumar. S Karthick. M

Sprint-1	Login	USN-4	As a user, I can register for the application through Gmail	2	High	Kesavan. L Mogamath Jaleell. A Krishnakumar. S Karthick. M
Sprint-2		USN-5	If I forgot my password or username, I can reset it again through my email	1	High	Kesavan. L Mogamath Jaleell. A Krishnakumar. S Karthick. M
Sprint-2	Web register	USN-6	As a user, I can register by entering my email, password, and confirming my password	2	High	Kesavan. L Mogamath Jaleell. A Krishnakumar. S Karthick. M
Sprint-2		USN-7	As a user, I will receive confirmation email once I have registered for the application	1	High	Kesavan. L Mogamath Jaleell. A Krishnakumar. S Karthick. M
Sprint-2		USN-8	As a user, I can register for the application through Gmail	1	Medium	Kesavan. L Mogamath Jaleell. A Krishnakumar. S Karthick. M
Sprint-2	Web login	USN-9	As a user, I can log into the application by entering email & password	2	High	Kesavan. L Mogamath Jaleell. A Krishnakumar. S Karthick. M
Sprint-3		USN-10	If I forgot my password or username, I can reset it again through my email	1	High	Kesavan. L Mogamath Jaleell. A Krishnakumar. S Karthick. M
Sprint-3	Help	USN-11	If I have any doubt in using an application or web, I can clarify it by clicking the Help option in the dashboard	1	High	Kesavan. L Mogamath Jaleell. A Krishnakumar. S Karthick. M

Sprint-4	Feedback	USN-12	I Can give my feedback about the application and I can post my queries.	1	Low	Kesavan. L Mogamath Jaleell. A Krishnakumar. S Karthick. M
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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	12 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	19 Nov 2022

Velocity:

Imagine we have a 10-day sprint duration, and the velocity of the team is 20 (points per sprint). Let's calculate the team's average velocity (AV) per iteration unit (story points per day)

$$AV = \frac{\text{sprint duration}}{\text{velocity}} = \frac{20}{10} = 2$$