Project Planning Phase

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

Date	25 October 2022
Team ID	PNT2022TMID17080
Project Name	Project - Signs with Smart Connectivity for Better Road Safety
Maximum Marks	8 Marks

Product Backlog, Sprint Schedule, and Estimation (4 Mark)

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	Rahul Kumar S Pradeep S Naveen c Vasantharaj M

Sprint-1	Confirmation	USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	Rahul Kumar S Pradeep S Naveen c Vasantharaj M
Sprint-2	Login	USN-3	As a user, I can log into the application by entering email & password	1	High	Rahul Kumar S Pradeep S Naveen c Vasantharaj M
Sprint-2	Interface	USN-4	The user interface needs to be straightforward and simple to use	1	Medium	Rahul Kumar S Pradeep S Naveen c Vasantharaj M
Sprint-3	Coding	USN-5	Coding is a set of instructions used to manipulate information so that a certain input results in a particular output.	2	High	Rahul Kumar S Pradeep S Naveen c Vasantharaj M
Sprint-4	Web Application	USN-6	As a user, I will display the current weather & Automatic diversion for road traffic & Accident	2	Medium	Rahul Kumar S Pradeep S Naveen c Vasantharaj M

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:

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

Burndown Chart:

Balance Work