

Project Planning Phase

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

Date	18 October 2022
Team ID	PNT2022TMID17819
Project Name	Trip Based Modelling of Fuel Consumption
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	Registration	USN-1	As a user, I can register for the application by entering my username, email, password, organization name, and employee position.	4	High	Nandha Krishnan N Sathish Kumar P
Sprint-1	Login	USN-2	As a user, I can log into the application by entering username/email & password	3	High	Dev Karthikeyan A V Manimaran S
Sprint-2	Dashboard	USN-3	As a user, I will be able to see the profile details and login details	2	Medium	Nandha Krishnan N Dev Karthikeyan A V
Sprint-2	Entering input	USN-4	After entering the dashboard, I will give the input parameters for prediction	2	Medium	Manimaran S Sathish Kumar P
Sprint-2	Viewing output	USN-5	As a user, I will get the predicted output	6	High	Nandha Krishnan N Manimaran S
Sprint-3	Report generation	USN-6	As a user, I will get a detailed report of output	5	Medium	Sathish Kumar P Dev Karthikeyan A V
Sprint-4	Instructions	USN-7	As a user, I can go through the instructions in the site to carry out the prediction process.	4	Low	Manimaran S Sathish Kumar P
Sprint-4	Portal Configuration	USN-8	As a developer, I can configure the portal for easy use by customer	5	Medium	Dev Karthikeyan A V Nandha Krishnan N

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	7	6 Days	24 Oct 2022	29 Oct 2022		
Sprint-2	10	10 Days	31 Oct 2022	9 Nov 2022		
Sprint-3	5	2 Days	11 Nov 2022	12 Nov 2022		
Sprint-4	9	3 Days	14 Nov 2022	16 Nov 2022		

Velocity:

Sprint	Average velocity
Sprint 1	1.17
Sprint 2	1
Sprint 3	2.5
Sprint 4	3

Burndown Chart:

A burn down chart is a graphical representation of work left to do versus time. It is often used in agile software development methodologies such as Scrum. However, burn down charts can be applied to any project containing measurable progress over time.

