

Project Planning Phase

Project Planning Template (Product Backlog, Sprint Planning, Stories, Storypoints)

Date	7November 2022
Team ID	PNT2022TMID45631
Project Name	Project – Signs with smart connectivity for better road safety
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 / Task	Story Points	Priority	Team Members
Sprint-1	Resource	Create a account in Tinkercad ,Open weather map app, MIT etc	1	Low	R.Mathaniza M.Viji K.Nishitha
Sprint-2	Software	Python IDLE	1	Medium	B.Priyadharshini R.Kalavani
Sprint-3	Interface	Interface wokwi with IBM lot Watson. Interface MIT with IBM lot Watson	2	High	R.Mathaniza M.Viji
Sprint-3	Interface	Interface Node-red with cloud	2	Medium	K.Nishitha M.Viji

Sprint	Functional Requirement (Epic)	User Story / Task	Story Points	Priority	Team Members
Sprint-4	Hardware	Integrate the hardware components to the IBM cloud(IOT Watson)	2	High	M.Viji R.Mathaniza
Sprint-4	Road Safety	User has better road safety	1	Low	R.Mathaniza

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	5 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

$AV = \text{Sprint duration} / \text{Velocity}$

$= 20 / 6$

$= 3.33$

Burndown Chart:

Burndown Chart

