Project Planning Phase

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

Date	**27 October 2022**
Team ID	PNT2022TMID41261
Project Name	**Project – Signs with 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 Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Weather of the area	USN-1	As a user, I want to know about weather	2	High	AjaySekar .C
Sprint-1	Weather of the area	USN-2	As a user, I will receive information about weather along the road while traveling	1	High	Aakash .A
Sprint-2	Weather of the area	USN-3	As a user, inform the weather of environment By dynamic board	2	Low	Dourmilkumar .G
Sprint-1	Road condition in forest sides	USN-4	As a user ,inform about road condition while Soil erosion	2	Medium	Dhivagar .k

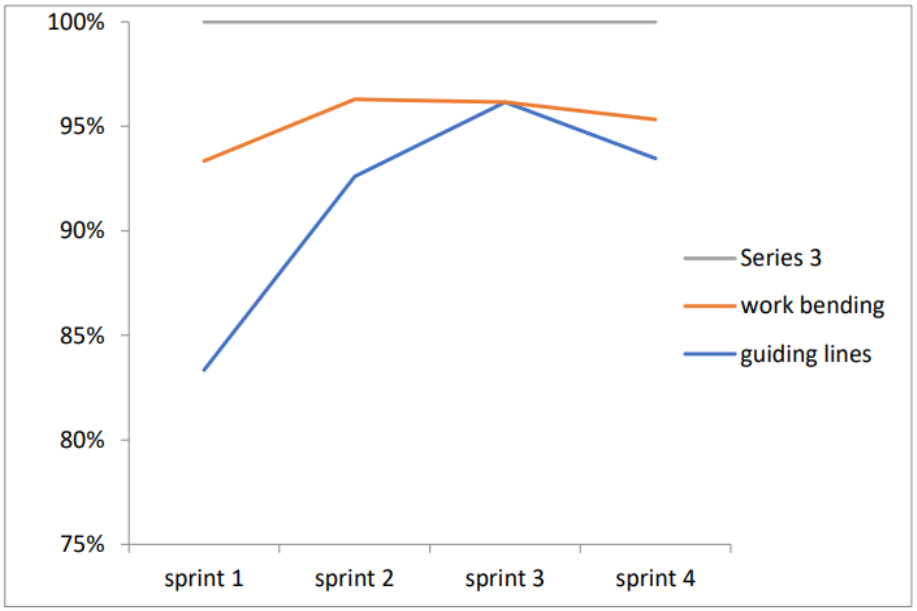
Project Tracker, Velocity & Burndown Chart: (4 Marks)

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	30	05 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	40	11 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	50	16 Nov 2022

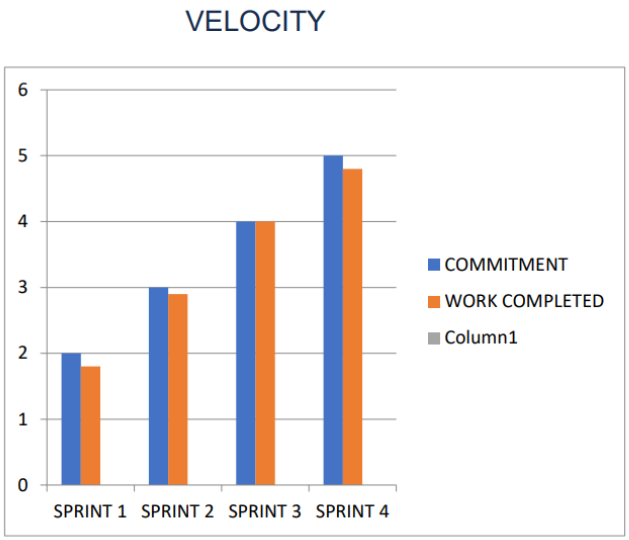
Velocity:
Imagine we have a 10-day sprint duration, and the velocity of the team is 20 (points per sprint). Let's calculate the team's average velocity (AV) per iteration unit (story points per day)

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

Burndown Chart:



Velocity


VELOCITY
6
5
4
3
2
1
0
SPRINT 1
SPRINT 2
SPRINT 3
SPRINT 4
COMMITMENT
WORK COMPLETED
Column1