Project Planning Phase

Sprint Delivery Plan

Team ID	PNT2022TMID47361
Marks	8 marks
Project Name	Project-Signs with Smart Connectivity For Better Road Safety

Product Backlog, Sprint Schedule and Estimation

Sprint	Functional Requirement (Epic)	User Story/Task	Story Points	Priority	Team Members
Sprint-1	Initializing the resources	Create an account in open weather API	1	LOW	GNANAPRIYA V INDHUJA R NITHYAPRIYA B VAISHNAVI K
Sprint-1	Code in Software is written	Write a python script using the inputs given from OpenWeather API	2	MEDIUM	GNANAPRIYA V INDHUJA R NITHYAPRIYA B VAISHNAVI K
Sprint-2	sotware to software to cloud	The python code from sprint 1 should be sent to cloud so that it is easily accessible	1	MEDIUM	GNANAPRIYA V INDHUJA R NITHYAPRIYA B VAISHNAVI K
Sprint-3	Initialising the connection between hardware and cloud	The hardware should be intergrated for the easy access of the cloud functions	2	HIGH	GNANAPRIYA V INDHUJA R NITHYAPRIYA B VAISHNAVI K
Sprint-4	User input-output optimisation and error identification and rectification	Rectify all shortcomings/errors and initiate the optimisation for better	3	HIGH	GNANAPRIYA V INDHUJA R NITHYAPRIYA B VAISHNAVI K

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

Sprint	Total Story	Duration	Story Points
Sprint-1	20	6days	20
Sprint-2	20	6days	20
Sprint-3	20	6days	20
Sprint-4	20	6days	20

Velocity :

The average velocity(AV) per iteration unit (story points per day) can be defined as sprint duration by velocity (points per sprint)

AV= Sprint duration**/**Velocity

Given:

Sprint duration= 6 days

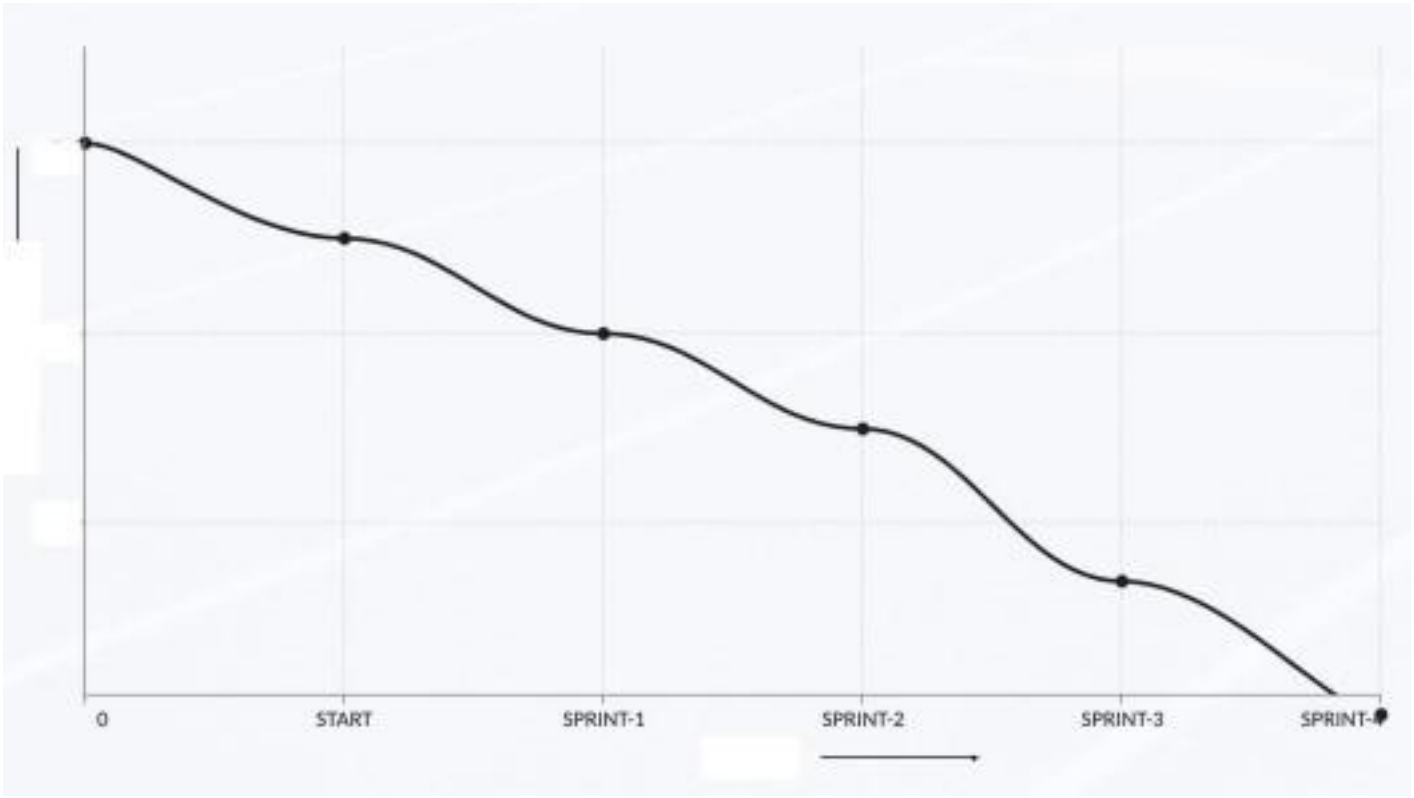
Velocity= 20

AV = 6/20

= 0.3

AV=0.3

BURNDOWN CHART:



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