Project Planning Phase

Sprint Delivery Plan

Team ID	PNT2022TMID25696
Batch	B3-3M5E
Project Name	Project-Signs with Smart Connectivity For Better Road Safety

Product Backlog, Sprint Schedule and Estimation

Use the below template to create product backlog and sprint schedule

Sprint	Functional Requirement (Epic)	User Story/Task	Story Points	Priority
Sprint-1	Intializing the Resources	Create an account in Open Weather API	1	LOW
Sprint-1	Code in Software is written	Write a python script using the inputs given from OpenWeather API	2	MEDIUM
Sprint-2	Sending the software to cloud	The python code from sprint 1 should be sent to cloud so that it is easily accessible	1	MEDIUM
Sprint-3	Initialising the connection between hardware and cloud	The hardware should be intergrated for the easy access of the cloud functions	2	HIGH
Sprint-4	User input-output optimisation and error identification and rectification	Rectify all the shortcomings/errors and initiate the optimisation for better	3	HIGH

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= 6days
Velocity= 20

AV = 6/20
= 0.3

AV = 0.3

Burndown chart: