

Project Planning Phase

Sprint Delivery Plan

Team ID	PNT2022TMID19628
Batch	B6-6M2E
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
Sprint-1	Intializing the Resources	Python script for data
Sprint-2	Sending the software to cloud	Publish data in IBM cloud
Sprint-3	Initialising the connection between cloud	Develop an node red application
Sprint-4	User input-output optimisation	Get the desired output in the application

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)

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

Given:

Sprint duration= 6days

Velocity= 20

$$\begin{aligned} AV &= 6/20 \\ &= 0.3 \end{aligned}$$

$AV = 0.3$

Burndown chart:

