

## Project Planning Phase

### Project Planning Template ( Product Backlog , Sprint Planning, Stories, Story Points )

Date	1 Nov 2022
Team ID	PNT2022TMID44448
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	Team Members
Sprint 1	Initializing the Resources	Create an account in Open Weather API	1	LOW	Priyadharsini.T Nandhini.R Nithya.K Vaidevi.M Prabhu.M
Sprint 1	Code in software is written	Write a python script using the input given from open weather API	2	MEDIUM	Priyadharsini.T Nandhini.R Nithya.K Vaidevi.M Prabhu.M
Sprint 2	Sending the software cloud	The python code from sprint 1 should be sent to cloud so that it easily accessible	1	MEDIUM	Priyadharsini.T Nandhini.R Nithya.K Vaidevi.M Prabhu.M
Sprint 3	Initialize the connection between hardware and cloud	The hardware should be integrated for the easy access of the cloud functions	2	HIGH	Priyadharsini.T Nandhini.R Nithya.K Vaidevi.M Prabhu.M
Sprint 4	User input-output optimization and	Rectify all the short coming /error and	3	HIGH	Priyadharsini.T Nandhini.R

	error identification and rectification	initialize the optimization for better			Nithya.K Vaidevi.M Prabhu.M
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## Project Tracker, Velocity & Burn down Chart

Sprint	Total Points	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

$$AV = 6/20$$

$$= 0.3$$

<b>AV =0.3</b>
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## Burn down Chart :



