SPRINT DELIVERY PLAN

Project Name : Signs with smart connectivity for better road safety

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Product backing , sprinting schedule and estimation:

SPRINT	FUNCTIONAL REQUIREMENT	USER STORY/TASK	STORY POINTS	PRIORITY
Sprint 1	Installing 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 Open Weather 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
Sprint3	Initialising the connection between hardware and cloud	The hardware should be integrated for the easy access of the cloud functions	2	High
Sprint 4	User input-output optimization and error identification and rectification	Rectify all the shortcomings / errors and initiate the optimization for better	3	High

Project tracker , Velocity & Burn down chart:

SPRINT	TOTAL STORY	DURATION	STORY POINTS
SPRINT 1	20	6 days	20
SPRINT 2	20	6 days	20
SPRINT 3	20	6 days	20
SPRINT 4	20	6 days	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

Burn down chart: