Project Planning Phase
& Sprint delivery plan

Date	31 October 2022
Team ID	PNT2022TMID38788
Project Name	Signs with Smart Connectivity for Better Road Safety
Maximum Marks	8 Marks

Product Backlog, Sprint Schedule, and Estimation (4 Marks)

Sprint	Functional Requirement (Epic)	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Initialization of Resources	Create and initialize accounts in various public APIs like Open Weather API.	1	Low	Ganesh K Akshaykumar S Amanullah R Arunkumar A
Sprint-1	Local Server/Software Run	Write a Python program that outputs results given the inputs like weather and location.	1	Low	Ganesh K Akshaykumar S Amanullah R Arunkumar A
Sprint-2	Push the software to cloud	Push the code from Sprint 1 to cloud so it can be accessed from anywhere	2	Medium	Ganesh K Akshaykumar S Amanullah R Arunkumar A
Sprint-3	Hardware initialization	Integrate the hardware to be able to access the cloud functions and provide inputs to the same.	2	High	Ganesh K Akshaykumar S Amanullah R Arunkumar A
Sprint-4	UI/UX Optimization & Debugging	Optimize all the shortcomings and provide better user experience	2	Medium	Ganesh K Akshaykumar S Amanullah R Arunkumar A

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

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)
Sprint-1	20	6 Days	24 Oct 2022	29 Oct 2022	20	29 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	20	31 Oct 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	20	07 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	14 Nov 2022

Burndown Chart:

Balance Work