

## Project Planning Phase

Date	18 November 2022
Team ID	PNT2022TMID18102
Project Name	Hazardous Area Monitoring for Industrial plant powered by IOT
Maximum Marks	8 Marks

### Product Backlog, Sprint Schedule, and Estimation

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Login Page	USN-1	As a user, I can login to the application	20	High	M. Jothipriya
Sprint-2	Dashboard	USN-5	As an admin, I can view previous records.	20	High	P.S Raghavi
Sprint-3	SMS notification	USN-2	As a user, I can check the notifications of alert message	20	High	S. Girivani
Sprint-4	Data Gathering	USN-4	As an admin, I can visualize the temperature and humidity values of a remote location	20	High	R. Harinisri

### Project Tracker, Velocity & Burndown Chart:

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	31 Oct 2022	20	31 Oct 2022
Sprint-2	20	6 Days	01 Nov 2022	10 Nov 2022	20	10 Nov 2022
Sprint-3	20	6 Days	13 Nov 2022	15 Nov 2022	20	15 Nov 2022
Sprint-4	20	6 Days	16 Nov 2022	17 Nov 2022	20	17 Nov 2022

### Velocity:

Sprint 1: 1 user story x 20 story points = 20

Sprint 2: 1 user story x 20 story points = 20

Sprint 3: 1 user story x 20 story points = 20 Sprint

4: 1 user story x 20 story points = 20

Total = 80

Average Sprint Velocity =  $80 / 4 = 20$

JIRA ROADMAP AND BOARD

