

Project Planning Phase

Project Planning Template(Product Backlog,Sprint Planning,Stories,Story points)

Date	20 October 2022
Team ID	PNT2022TMID46726
Project Name	Hazardous Area Monitoring for Industrial Plant 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	USN-1	To install smart beacons at needed places and through sms sending an alert message to the owner	2	High	Blesson
Sprint-1	Registration	USN-2	As a user, I have to registered my details in a simple and easy manner iand providing wearable device	2	High	Dharmadurai
Sprint-2	Cloud Setup	USN-3	Smart beacons connect with the cloud services. And we can get the data from the device	2	Medium	Logeshwaran
Sprint-1	Dashboard	USN-4	As a user,I need to protect my properties and send an alert message to the owner	2	High	Sabarinathan
Sprint-1	Dashboard	USN-5	As a user, It's good to have a lot system to monitored the temperature without humans need	2	High	Blesson

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	29 Oct 2022	20	29 Oct 2022
Sprint-2	20	6 days	31 Oct 2022	05 Nov 2022	20	05 Nov 2022
Sprint-3	20	6 days	07 Nov 2022	12 Nov 2022	20	12 Nov 2022
Sprint-4	20	6 days	14 Nov 2022	19 Nov 2022	20	19 Nov 2022

Velocity:

$$AV = \frac{\text{sprint duration}}{\text{Velocity}}$$

$$= 20/10 = 2$$

