

Project Planning Phase

Date	05 November 2022
Team ID	PNT2022TMID36143
Project Name	Hazardous Area Monitoring For Industrial Plant Powered by IoT
Maximum Marks	8 Marks

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

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Registration	USN-1	As a user, I can register for application by entering my email password and confirming it.	7	High	Charan P, V.Venkata vinay
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	8	High	Sanjay T N, N.Yuva sai ram
Sprint-1	Login	USN-3	As a user, I can log into the application by entering email & password	5	Medium	Charan P, V.Venkata vinay
Sprint-2	Post Job	USN-6	As a recruiter, I must post the job vacancy with description	11	High	Sanjay T N, N. Yuva sai ram
Sprint-2	Job Search	USN-4	As a job seeker, I can search for the desired companies	9	High	Charan P, V. Venkata vinay
Sprint-3	Apply	USN-5	As a job seeker, I can apply for a company	6	High	Sanjay T N, N. Yuva sai ram
Sprint-3	Send Confirmation	USN-7	Confirmation mail is sent from the respected company	9	High	Charan P, V.Venkata vinay
Sprint-4	Dashboard	USN-8	As a user, I need to maintain the my actions in an application	6	High	Sanjay T N, N Yuva sai ram
Sprint-4	Recruiter Review	USN -9	As a recruiter, I must make the reviews appear on the candidate's profile	7	High	Charan P, V.Venkata vinay
Sprint-4	Chat bot	USN-10	As a user, I can interact with Watson Assistant to resolve my queries on skills to be learnt	2	Low	Sanjay T N, N.Yuva sai ram

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	7 Days	24 Oct 2022	31 Oct 2022	20	31 Oct 2022
Sprint-2	20	7 Days	1 Nov 2022	07 Nov 2022	20	07 Nov 2022
Sprint-3	15	5 Days	08 Nov 2022	12 Nov 2022	15	12 Nov 2022
Sprint-4	15	5 Days	14 Nov 2022	19 Nov 2022	15	19 Nov 2022

Velocity:

Sprint-1 and Sprint-2 *Sprint duration*

$$AV = \frac{\text{Total Story Points}}{\text{Velocity}} = \frac{20}{7} = 2.857$$

Sprint-3 and Sprint-4 *Sprint duration*

$$AV = \frac{\text{Total Story Points}}{\text{Velocity}} = \frac{15}{5} = 3$$