Project Planning Phase

Date	5 November 2022
Team ID	PNT2022TMID10955
Project Name	Hazardous Area Monitoring For Industrial Plant Powered
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 enteringmy email password and confirming it.	5	High	Ahamed J Harish K, Infant Maria Roshan V, Gokulakrishnan R
Sprint-1		USN-2	As a user, I will receive confirmation email once Ihave registered for the application	5	High	Ahamed J Harish K, Infant Maria Roshan V, Gokulakrishnan R
Sprint-1	Login	USN-3	As a user, I can log into the application by enteringemail & password	5	Medium	Ahamed J Harish K, Infant Maria Roshan V, Gokulakrishnan R
Sprint-2	Post Job	USN-6	As a recruiter, I must post the job vacancy with description	6	High	Ahamed J Harish K, Infant Maria Roshan V, Gokulakrishnan R
Sprint-2	Job Search	USN-4	As a job seeker, I can search for the desired companies	9	High	Ahamed J Harish K, Infant Maria Roshan V, Gokulakrishnan R
Sprint-3	Apply	USN-5	As a job seeker, I can apply for a company	6	High	Ahamed J Harish K, Infant Maria Roshan V, Gokulakrishnan R

Sprint		USN				
Sprint-3	Send Confirmation	USN-7	Confirmation mail is sent from the respected company	4	High	Ahamed J Harish K, Infant Maria Roshan V, Gokulakrishnan R
Sprint-4	Dashboard	USN-8	As a user, I need to maintain the my actions in an application	6	High	Ahamed J Harish K, Infant Maria Roshan V, Gokulakrishnan R
Sprint-4	Recruiter Review	USN -9	As a recruiter, I must make the reviews appear onthe candidate's profile	3	High	Ahamed J Harish K, Infant Maria Roshan V, Gokulakrishnan R
Sprint-4	Chatbot	USN-10	As a user, I can interact with Watson Assistant to resolve my queries on skills to be learnt	1	Low	Ahamed J Harish K, Infant Maria Roshan V, Gokulakrishnan R

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	15	7 Days	24 Oct 2022	31 Oct 2022	15	31 Oct 2022
Sprint-2	15	7 Days	1 Nov 2022	07 Nov 2022	15	07 Nov 2022
Sprint-3	10	6 Days	08 Nov 2022	13 Nov 2022	10	13 Nov 2022
Sprint-4	10	6 Days	14 Nov 2022	20 Nov 2022	10	20 Nov 2022

Velocity:

Sprint-1 and Sprint-2

$$AV = \frac{Sprint\ duration}{Velocity} = \frac{15}{7} = 2.14$$

Sprint-3 and Sprint-4

$$AV = \frac{Sprint\ duration}{Velocity} = \frac{10}{6} = 1.6$$