Project Planning Phase

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

Date	23 October 2022
Team ID	PNT2022TMID04903
Project Name	Skill and Job Recommender
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 job seeker/ recruiter, I can register for the application by entering my details.	2	High	Ahmed Adhil

Sprint-1	Registration	USN-2	As a job seeker/ recruiter, I can register for the	2	Low	Harishbabu, Aravind
			application through Google Account.			
Sprint-1	Registration	USN-3	As a job seeker/ recruiter, I can register for the application through LinkedIn.	2	Low	Harshavarthan, Harishbabu
Sprint-1	Login	USN-4	As a job seeker/recruiter, I can access the job portal using my Google/ LinkedIn account or login credentials.	2	High	Harshavarthan
Sprint-1	Job search	USN-5	As a job seeker, I can search for jobs by desired role, salary and location.	4	High	Harishbabu

Sprint-1	Apply for jobs	USN-6	As a job seeker, I can apply for the jobs listed in the portal.	4	High	Aravind
Sprint-1	Post job vacancies	USN-13	As a recruiter, I can post the details of job vacancies in his company. The	4	High	Harshavarthan
			details include the job description, required qualifications, responsibilities, working conditions, etc.			
Sprint-2	Get Job Recommendations	USN-7	As a job seeker, I upload my resume.	5	High	Ahmed Adhil
Sprint-2	Get Job Recommendations	USN-8	As a job seeker, I can get job recommendations based on my profile via the chatbot.	5	High	Harishbabu

Sprint-2	Get Skills Recommendations	USN-9	As a job seeker, I can get skill recommendations based on my desired job role and prior experience via the chatbot.	10	High	Harshavarthan, Harishbabu
Sprint-3	Get Job-Skill Match Score	USN-10	As a job seeker, I can get the job-	5	Medium	Aravind

			skill match score for my desired job to my present skills.			
Sprint-3	Get Job Alerts	USN-11	As a job seeker, I get alerts regarding application deadlines and new job postings.	5	High	Harshavarthan

Sprint-3	Bookmark job posts	USN-12	As a job seeker, I can bookmark or tag any number of job posts for quick access.	5	Medium	Harishbabu
Sprint-3	Remove fraudulent job posts	USN-14	The application analyses the job postings by the recruiter and removes fake job posts.	5	Medium	Harshavarthan
Sprint-4	Testing	USN-15	The project is tested to guarantee that the system is successfully built and meets all the requirements.	10	High	Harshavarthan, Ahmed Adhil, Harishbabu, Aravind
Sprint-4	Deployment	USN-16	The system is deployed on the IBM cloud. It is made available for use.	10	High	Harshavarthan, Ahmed Adhil, Harishbabu, Aravind

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	30 Oct 2022		30 Oct 2022
Sprint-2	20	7 Days	31 Oct 2022	06 Nov 2022		06 Nov 2022
Sprint-3	20	8 Days	07 Nov 2022	14 Nov 2022		14 Nov 2022
Sprint-4	20	7 Days	14 Nov 2022	21 Nov 2022		21 Nov 2022

Velocity:

Imagine we have a 10-day sprint duration, and the velocity of the team is 20 (points per sprint). Let's calculate the team's average velocity (AV) per iteration unit (story points per day).

$$AV = \frac{sprint\ duration}{velocity} = \frac{20}{10} = 2$$

Burndown Chart:

A burndown chart is a graphical representation of work left to do versus time. It is often used in agile software development methodologies such as Scrum. However, burn down charts can be applied to any project containing measurable progress over time.

Sprints																															

	OCT								OCT						NOV							NOV						NOV				
	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21

- CCR-1 Creating a SignUp/Login Page
- CCR-2 Home Page of Customer Care Registry
- CCR-3 Creating Admin Dashboard
- CCR-4 Creating Customer Dashboard
- CCR-5 Creating Agent Dashboard
- CCR-6 Creating Database for Customer and Agent...
- CCR-7 Creating Chatbot For Application
- CCR-8 Adding Features to Chatbot
- CCR-9 Integrating Chatbot With Website
- CCR-10 Completing Chatbot
- CCR-11 Testing and Debugging the Application
- CCR-12 Containerize the Application using Docker
- CCR-13 Deploy the Application in IBM Cloud