Project Planning Phase
Project Planning Template (Product Backlog, Sprint Planning, Stories, Storypoints)

Date	18October 2022
Team ID	PNT2022TMI D32846
Project Name	Project – Skill/Job Recommender
Maximum Marks	8 Marks

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

Use the below template to create product backlog and sprint schedule

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 the application by entering my email, password, and confirming my password.	3	High	Divyaa S K Kaavya R
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	3	High	Kiruthika K Shahin Ashra S
Sprint-2		USN-3	As a user, I can register for the application through Facebook	2	Low	Sindhuja J Divyaa S K
Sprint-1		USN-4	As a user, I can register for the application through Gmail	2	Medium	Kaavya R Kiruthika K
Sprint-1	Login	USN-5	As a user, I can log into the application by entering email & password	3	High	Shahin Ashra S Sindhuja J
Sprint-2	Dashboard	USN-6	As a user, I can log into the application and search for suitable jobs and able to chat with chatbot.	3	Medium	Divyaa S K Kaavya R
Sprint-1	Registration	USN-7	As a web user, I can log on and register for the application services which is being availed.	3	High	Kiruthika K Shahin Ashra S
Sprint-1		USN-8	As a user, I will receive any confirmation mails, to ensure the completion of my registration.	3	High	Sindhuja J Divyaa S K

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Login	USN-9	As a user, I can log into the application via email & password	3	High	Kaavya R Kiruthika K
Sprint-2	Recommendation Monitoring and maintanance	USN-10	As an executive, he/she must ensure that only the appropriate job recommendation are made based on their mentioned skillset.	4	High	Shahin Ashra S Sindhuja J
Sprint-3	Dashboard	USN-11	As a user, I can upload the resume	4	Medium	Divyaa S K Kaavya R
Sprint-3		USN-12	As a user , I can see the suggestions for the jobs	4	Medium	Kiruthika K Shahin Ashra S
Sprint-3	Database	USN-13	As a user, details should be saved in the DB	5	High	Sindhuja J Divyaa S K
Sprint-4	Chatbot	USN-14	As a user,the right jobs should be recommended by the chatbot	6	High	Kaavya R Kiruthika K
Sprint-4	Unit Testing	USN-15	As a tester,he/she must ensure to all the components of the application work efficiently.	5	Medium	Shahin Ashra S Sindhuja J
Sprint-4	Integration Testing	USN-16	As a tester,he/she must ensure the working of the application.	6	High	Kiruthika K Kaavya 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	20	6 Days	24 Oct 2022	29 Oct 2022		
Sprint-2	9	6 Days	31 Oct 2022	05 Nov 2022		
Sprint-3	13	6 Days	07 Nov 2022	12 Nov 2022		
Sprint-4	17	6 Days	14 Nov 2022	19 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)

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

AV(Sprint-1) = 20/6 = 3.33

AV(Sprint-2) = 9/6 =1.5

AV(Sprint-3) = 13/6 =2.16

AV(Sprint-4) = 17/6 =2.83

Burndown Chart:

A burn down 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.