Project Planning Phase

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

Date	17 November 2022
Team ID	PNT2022TMID50222
Project Name	Skill/Job recommender system
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	Priority	Acceptance criteria	Team Members
Sprint-1	UI Design	USN-1	As a user, I can see and experience an awesome user interface in the website	Medium	Better Impression about a website	Azhagumari, Anu, Jiji shirly,Petchi Priya, maha Lakshmi,
Sprint-1	Registration	USN-2	As a user, I can register for the application by entering my email, password, and confirming my password.	High	I can access my account / dashboard	Azhagumari, Anu, Jiji shirly,Petchi Priya, maha Lakshmi,
Sprint-1		USN-3	As a user, I will receive confirmation email once I have registered for the application	High	I can receive confirmation email & click confirm	Azhagumari, Anu, Jiji shirly,Petchi Priya, maha Lakshmi,
Sprint-1		USN-4	As a user, I can register for the application through Facebook	Low	I can register & access the dashboard with Facebook Login	Azhagumari, Anu, Jiji shirly,Petchi Priya, maha Lakshmi,
Sprint-1		USN-5	As a user, I can register for the application through Gmail	Medium	I can receive confirmation email & click confirm	Azhagumari, Anu, Jiji shirly,Petchi Priya, maha Lakshmi,
Sprint-1	Login	USN-6	As a user, I can log into the application by entering email & password	High	I can access my account / dashboard	Azhagumari, Anu, Jiji shirly,Petchi Priya, maha Lakshmi,

| Sprint-! | Flask | USN-7 | As a user, I can access the website in a second | High | I can access my account / dashboard | Azhagumari, Anu, Jiji shirly,Petchi Priya, maha Lakshmi, |

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Priority	Acceptance criteria	Team Members
Sprint-1	Dashboard	USN-8	As a user, If I Logged in correctly, I can view my dashboard and I can navigate to any pages which are already listed there.	High	I can access all the pages/ dashboard	Azhagumari, Anu, Jiji shirly,Petchi Priya, maha Lakshmi,
			Submission Of Sprint-1			
Sprint-2	User Profile	USN-9	As a user, I can view and update my details	Medium	I can modify my details/data	Azhagumari, Anu, Jiji shirly,Petchi Priya, maha Lakshmi,
Sprint-2	Database	USN-10	As a user, I can store my details and data in the website w	Medium	I can store my data	Azhagumari, Anu, Jiji shirly,Petchi Priya, maha Lakshmi,
Sprint-2	Cloud Storage	USN-11	As a user, I can upload my photo, resume and much more in the website.	Medium	I can Upload my documents and details	Azhagumari, Anu, Jiji shirly,Petchi Priya, maha Lakshmi,
Sprint-2	Chatbot	USN-12	As a user, I can ask the Chatbot about latest job openings, which will help me and show the recent job openings based on my profile	High	I can know the recent job openings	Azhagumari, Anu, Jiji shirly,Petchi Priya, maha Lakshmi,

Sprint-2	Identity-Aware	USN-13	As a User, I can access my account by entering by correct login credentials. My user credentials is only displayed to me.	High	I can have my account safely	Azhagumari, Anu, Jiji shirly,Petchi Priya, maha Lakshmi,
			Submission of Sprint-2			

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Priority	Acceptance criteria	Team Members
Sprint-3	Sendgrid service	USN-14	As a user, I can get a notification or mail about a job opening with the help of sendgrid service.	Medium	I can get a notification in a second.	Azhagumari, Anu, Jiji shirly,Petchi Priya, maha Lakshmi,
Sprint-3	Learning Resource	USN-15	As a user, I can learn the course and I will attain the skills which will be useful for developing my technical skills.	High	I can gain the knowledge and skills	Azhagumari, Anu, Jiji shirly,Petchi Priya, maha Lakshmi,
Sprint-3	Docker	USN-16	As a user, I can access the website in any device	High	I can access my account in any device	Azhagumari, Anu, Jiji shirly,Petchi Priya, maha Lakshmi,
Sprint-3	Kubernates	USN-17	As a user, I can access the website in any device	High	I can access my account in any device	Azhagumari, Anu, Jiji shirly,Petchi Priya, maha Lakshmi,
Sprint-3	Deployment in cloud	USN-18	As a user, I can access the website in any device	High	I can access my account in any device	Azhagumari, Anu, Jiji shirly,Petchi Priya, maha Lakshmi,

Sprint-3	Technical support	USN-19	As a user, I can get a customer care support from the website which will solve my queries.	Medium	I can tackle my problem & queries.	Azhagumari, Anu, Jiji shirly,Petchi Priya, maha Lakshmi,
			Submission of Sprint-3			
Sprint-4	Unit Testing	USN-15	As a user, I can access the website without any interruption	High	I can access the website without any interruption	Azhagumari, Anu, Jiji shirly,Petchi Priya, maha Lakshmi,
Sprint-4	Integration testing	USN-16	As a user, I can access the website without any interruption	High	I can access the website without any interruption	Azhagumari, Anu, Jiji shirly,Petchi Priya, maha Lakshmi,

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Priority	Acceptance criteria	Team Members
Sprint-4	System testing	USN-17	As a user, I can access the website without any interruption	High	I can access the website without any interruption	Azhagumari, Anu, Jiji shirly,Petchi Priya, maha Lakshmi,
Sprint-4	Correction	USN-18	As a user, I can access the website without any interruption	High	I can access the website without any interruption	Azhagumari, Anu, Jiji shirly,Petchi Priya, maha Lakshmi,

Sprint-4	Acceptance testing	USN-19	As a user, I can access the website without any interruption	High	I can access the website without any interruption	Azhagumari, Anu, Jiji shirly,Petchi Priya, maha Lakshmi,
			Submission of Sprint-4			

Sprint Delivery planning:

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	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:

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)

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

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.

Burndown Chart

| | Sprint 1 | Sprint 2 | Sprint3 | Sprint 4 |

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