

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

Date	25 October 2022
Team ID	PNT2022TMID08555
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 / UX Design	USN-1	As a user, I need to interact with website. So, this will be the interface between me and website.	High	I can interact with website	Vasanth, KrishnaRaj
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 register with email	Vasanth, Santhosh, Venkatesan
Sprint-1		USN-3	As a user, I will receive confirmation email once I have registered for the application	High	I can receive confirmation mail	Venkatesan, KrishnaRaj
Sprint-1	Login	USN-4	As a user, I can log into the application by entering email & password	Low	I can login to the application by entering	Vasanth, KrishnaRaj

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Priority	Acceptance criteria	Team Members
					login credentials	
Sprint-1	Flask	USN-5	As a user, I can access the website in quick span of time.	High	I can access website quickly	Vasanth, Santhosh, Venkatesan
Sprint-1	Dashboard	USN-6	As a user, I can access various tools and services on the website through the help of dashboard.	High	I can access various tools and services	Vasanth, Santhosh, Venkatesan
			Submission of sprint 1			
Sprint-2	Database	USN-7	As a user, I can store the data am providing in the portal.	High	I can store my data	Vasanth, KrishnaRaj
Sprint-2	User Profile	USN-8	As a user, I can update my profile in the user profile section	Medium	I can modify my details	Santhosh, Venkatesan
Sprint-2	SendGrid Integration	USN-9	As a user, I can get notification through mail services	Medium	I can get mail	Vasanth, KrishnaRaj
Sprint-2	Learning Resources	USN-10	As a user, I can access resources and knowledge which is useful in developing the skills	Medium	I can access learning resources	Venkatesan, KrishnaRaj
Sprint-2	Link to python code	USN-11	As a user, I can access website fast	High	I can access website	Santhosh, Venkatesan, Vasanth
			Submission of sprint 2			

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Priority	Acceptance criteria	Team Members
Sprint-3	Cloud Storage	USN-12	As a user, I can store my photos, resumes and much more media that are supported in the webpage.	High	I can store the medias	Vasanth, KrishnaRaj
Sprint-3	Chat-Bot	USN-13	As a user, I can access the chatbot which is very much useful in knowing several things like recent available jobs and jobs opening etc..	High	I can interact with chatbot to solve any queries	Vasanth, Santhosh, Venkatesan
Sprint-3	Integrate to App	USN-14	As a user, I can interact with chatbot after the integration of chat-bot and webpage.	High	Easy access with chat-bot	Vasanth
			Submission of Sprint 3			
Sprint-4	Docker	USN-15	As a user, I can access the webpage in any device.	High	I can access my account in any device	Vasanth, Santhosh, Venkatesan
Sprint-4	Kubernetes	USN-16	As a user, I can access the webpage in any device.	High	I can access my account in any device	Vasanth
Sprint-4	Deployment in cloud	USN-17	As a user, I can access the website any device.	High	I can access my account in any device	Vasanth, KrishnaRaj

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Priority	Acceptance criteria	Team Members
Sprint-4	Technical support	USN-18	As a user, I can get a customer care support on the website when am having any queries	Medium	Helps me to solve queries	Vasanth,
Sprint-4	Unit Testing	USN-19	As a user, I can access the website without any interruptions.	High	I can access the website without any interruptions	Vasanth, Krishnaraj, Venkatesan, Santhosh
Sprint-4	Integration Testing	USN-20	As a user, I can access the website without any interruptions.	High	I can access the website without any interruptions	Vasanth, Krishnaraj, Venkatesan, Santhosh
Sprint-4	System Testing	USN-21	As a user, I can access the website without any interruptions.	High	I can access the website without any interruptions	Vasanth, Krishnaraj, Venkatesan, Santhosh
Sprint-4	Correction	USN-22	As a user, I can access the website without any interruptions.	High	I can access the website without any interruptions	Vasanth, Krishnaraj, Venkatesan, Santhosh
Sprint-4	Acceptance Testing	USN-23	As a user, I can access the website without any interruptions.	High	I can access the website without any interruptions	Vasanth, Krishnaraj, Venkatesan, Santhosh
			Submission of Sprint 4			

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:

We have a 6-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)

$$\mathbf{AV = sprint\ duration\ /\ velocity}$$

$$\mathbf{AV = 20\ /\ 6}$$

$$\mathbf{AV = 3.33}$$

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.

For Sprint 4,

