

PROJECT PLANNING PHASE

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

Date	23 October 2022
Team ID	PNT2022TMID36949
Project Name	Skill/Job recommended application
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	Muhammad Imran, Siva Suriyan
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	Muhammad Imran, Siva Suriyan
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	Muhammad Imran, Siva Suriyan
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	Muhammad Imran, Siva Suriyan, Praveen Kumar
Sprint-1		USN-5	As a user, I can register for the application through Gmail	Medium	I can receive confirmation email & click confirm	Muhammad Imran, Siva Suriyan, Praveen Kumar
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	Muhammad Imran, Isaiyamuthu

Sprint-1	Flask	USN-7	As a user, I can access the website in a second	High	I can access my account / dashboard	
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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	Muhammad Imran, Siva Suriyan
			Submission Of Sprint-1			Muhammad Imran, Siva Suriyan
Sprint-2	User Profile	USN-9	As a user, I can view and update my details	Medium	I can modify my details/data	Muhammad Imran, Siva Suriyan, Isaiyamuthu
Sprint-2	Database	USN-10	As a user, I can store my details and data in the website	Medium	I can store my data	Siva Suriyan, Muhammad Imran
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	Isaiyamuthu, Praveen Kumar
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	Isaiyamuthu, Praveen Kumar

Sprint-2	Identity-Aware	USN-13	As a User, I can access my account by entering by correct login credentials. Myuser credentials is only displayed to me.	High	I can have my account safely	
			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 mailabout a job opening with the help of sendgrid service.	Medium	I can get a notification in asecond.	Muhammad Imran, Siva Suriyan
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 andskills	Muhammad Imran, Siva Suriyan
Sprint-3	Docker	USN-16	As a user, I can access the website inany device	High	I can access my account in anydevice	Muhammad Imran, Siva Suriyan, Isaiyamuthu
Sprint-3	Kubernates	USN-17	As a user, I can access the websitein any device	High	I can access my account in anydevice	Siva Suriyan, Muhammad Imran
Sprint-3	Deployment in cloud	USN-18	As a user, I can access the websitein any device	High	I can access my account in anydevice	Isaiyamuthu, Praveen Kumar
Sprint-3	Technical support	USN-19	As a user, I can get a customer caresupport from the website which will solve my queries.	Medium	I can tackle my problem & queries.	Isaiyamuthu, Praveen Kumar

			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	Muhammad Imran, Siva Suriyan
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	Muhammad Imran, Siva Suriyan

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	Muhammad Imran, Siva Suriyan
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	Muhammad Imran, Siva Suriyan
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	Muhammad Imran, Siva Suriyan, Isaiyamuthu
			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 Point sCompleted (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)

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

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.

