

## Project Planning Phase

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

### 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 awebsite	4
Sprint-1	Registration	USN-2	As a user, I can register for the applicationby entering my email, password, and confirming my password.	High	I can access my account / dashboard	4
Sprint-1		USN-3	As a user, I will receive confirmation emailonce I have registered for the application	High	I can receive confirmationemail & click confirm	4
Sprint-1		USN-4	As a user, I can register for the applicationthrough Facebook	Low	I can register & access the dashboard with FacebookLogin	4
Sprint-1		USN-5	As a user, I can register for the applicationthrough Gmail	Medium	I can receive confirmationemail & click confirm	4

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	4
Sprint-1	Flask	USN-7	As a user, I can access the website in a second.	High	I can access my account / dashboard	4
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	4

### 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	4
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	4
Sprint-2	Cloud Storage	USN-11	As a user, I can upload my resume in the website.	Medium	I can Upload my documents and details	4
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	4

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 accountsafely	4
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## 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.	4
Sprint-3	Docker	USN-16	As a user, I can access the website inanydevice	High	I can access my account inanydevice	4
Sprint-3	Kubernetes	USN-17	As a user, I can access the websiteinany device	High	I can access my account inany device	4
Sprint-3	Deployment in cloud	USN-18	As a user, I can access the websiteinany device	High	I can access my account inany device	4

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.	4
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### Submission Of Sprint-3

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Priority	Acceptance criteria	Team Members
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	4
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	4
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	4
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	4

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	
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## 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	06 Nov 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	20	10 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	20	15 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)

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