# 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. | 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 | 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 mydetails | Medium | I can modify my details/data | 4 |
|----------|--------------|-------|----------------------------------------|--------|------------------------------|---|
| Sprint-2 | Database | USN-10 | As a user, I can store my details anddata 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 documentsanddetails | 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 recentjobopenings | 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 |

## 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 | Kubernates | 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 willsolve my queries. | Medium | I can tackle my problem &queries. | 4 |

## 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 websitewithoutany interruption | 4 |
| Sprint-4 | Integration testing | USN-16 | As a user, I can access the website without any interruption | High | I can access the websitewithoutany interruption | 4 |
| Sprint-4 | System testing | USN-17 | As a user, I can access the websitewithout any interruption | High | I can access the websitewithoutany interruption | 4 |
| Sprint-4 | Correction | USN-18 | As a user, I can access the websitewithout any interruption | High | I can access the websitewithoutany interruption | 4 |

| Sprint-4 | Acceptance testing | USN-19 | As a user, I can access the website without any interruption | High | I can access the websitewithoutany interruption | |

## Submission Of Sprint-4

## Sprint Delivery planning:

Project Tracker & Velocity : (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 averagevelocity (AV) per iteration unit (story points per day)

$$AV = sprint\ duration/Velocity = 20\ /2\ velocity = \quad 10$$