

Project Planning Phase

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

| | |
|---------------|-----------------------------------|
| Date | 22 October 2022 |
| Team ID | PNT2022TMID16599 |
| 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 | Surya, Yogeshwaran, ValetiTarun, Sasidharan |
| 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 | Surya, Yogeshwaran, ValetiTarun, Sasidharan |
| 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 | Surya, Yogeshwaran, ValetiTarun, Sasidharan |
| 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 | Surya, Yogeshwaran, ValetiTarun, Sasidharan |
| Sprint-1 | | USN-5 | As a user, I can register for the application through Gmail | Medium | I can receive confirmation email & click confirm | Surya, Yogeshwaran, ValetiTarun, Sasidharan |
| 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 | Surya, Yogeshwaran, ValetiTarun, Sasidharan |

| | | | | | | |
|----------|-------|-------|---|------|-------------------------------------|---|
| Sprint-1 | Flask | USN-7 | As a user, I can access the website in a second | High | I can access my account / dashboard | Surya, Yogeshwaran, ValetiTarun, Sasidharan |
|----------|-------|-------|---|------|-------------------------------------|---|

| 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 | Surya, Yogeshwaran, ValetiTarun, Sasidharan |
| | | | 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 | Surya, Yogeshwaran, ValetiTarun, Sasidharan |
| Sprint-2 | Database | USN-10 | As a user, I can store my details and data in the website | Medium | I can store my data | Surya, Yogeshwaran, ValetiTarun, Sasidharan |
| 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 | Surya, Yogeshwaran, ValetiTarun, Sasidharan |
| 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 | Surya, Yogeshwaran, ValetiTarun, Sasidharan |

| | | | | | | |
|----------|----------------|--------|---|------|------------------------------|--|
| 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 | Surya, Yogeshwaran, ValetiTarun, Sasidharan |
| | | | 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. | Surya, Yogeshwaran, ValetiTarun, Sasidharan |
| 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 | Surya, Yogeshwaran, ValetiTarun, Sasidharan |
| 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 | Surya, Yogeshwaran, ValetiTarun, Sasidharan |
| Sprint-3 | Kubernetes | USN-17 | As a user, I can access the website in any device | High | I can access my account in any device | Surya, Yogeshwaran, ValetiTarun, Sasidharan |
| 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 | Surya, Yogeshwaran, ValetiTarun, Sasidharan |

| | | | | | | |
|----------|---------------------|--------|--|--------|---|---|
| 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. | Surya, Yogeshwaran, ValetiTarun, Sasidharan |
| | | | 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 | Surya, Yogeshwaran, ValetiTarun, Sasidharan |
| 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 | Surya, Yogeshwaran, ValetiTarun, Sasidharan |

| 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 | Surya, Yogeshwaran, ValetiTarun, Sasidharan |
| 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 | Surya, Yogeshwaran, ValetiTarun, Sasidharan |
| 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 | Surya, Yogeshwaran, ValetiTarun, Sasidharan |
| | | | 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)

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

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.

