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

| Date | 18 October 2022 |
|---|---|
| Team ID | PNT2022TMID02089 |
| Project Name | Project - Skill and Job Recommender |
| 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 | Story Points | Priority | Team Members |
|---|---|---|---|---|---|---|
| Sprint-1 | Registration | USN-1 | As a user, I can register for the application by entering my email, phone number, and username. | 1 | Low | 1 |
| Sprint-1 | | USN-2 | As a user, I will receive a confirmation email once I have registered for the application | 1 | Low | 1 |
| Sprint-1 | | USN-3 | As a user, I can register for the application through Gmail. | 1 | Low | 1 |
| Sprint-1 | | USN-4 | As a user, I will have to enter the details specified in my Resume in the form given. | 2 | High | 2 |
| Sprint-1 | Login | USN-5 | As a user, I can log into the application by entering my email or username & password | 1 | High | 1 |
| Sprint-2 | Dashboard | USN-6 | As a user, I will be able to view my Dashboard along with other services. | 2 | Medium | 2 |
| Sprint-2 | | USN-6 | As a user, I will be able to view the courses for the required skills. | 2 | Medium | 2 |
| Sprint-2 | | USN-7 | As a user, I will be able to search for jobs as per the criteria mentioned in my resume. | 2 | High | 2 |
| Sprint-3 | | USN-7 | As a user, I will be able to find government jobs according to my qualifications. | 3 | High | 2 |
| Sprint-3 | Communication | USN-7 | As a user, I will be able to chat with a job recommender bot and get suggestions. | 3 | High | 2 |

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|---|---|---|---|---|---|---|
| Sprint-4 | | USN-7 | As a user, I will be able to search for a job based on filters like gender and salary expectation. | 3 | High | 2 |
| Sprint-4 | Notification | USN-8 | As a user, I will receive notifications from the chatbot and job search bar regarding the availability. | 3 | Medium | 2 |

**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 | | |
| Sprint-4 | 20 | 6 Days | 14 Nov 2022 | 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)

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

**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.

https://www.visual-paradigm.com/scrum/scrum-burndown-chart/
https://www.atlassian.com/agile/tutorials/burndown-charts

**Reference:**
https://www.atlassian.com/agile/project-management
https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software
https://www.atlassian.com/agile/tutorials/epics
https://www.atlassian.com/agile/tutorials/sprints
https://www.atlassian.com/agile/project-management/estimation
https://www.atlassian.com/agile/tutorials/burndown-charts