

# PROJECT PLANNING PHASE

## Sprint Planning

Team Id	PNT2022TMID49165
Project Name	Skill/Job Recommender 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	Story Points	Priority
Sprint-1	UI Design & Frontend Development	USN-1	As a user I can expect to experience a cool user interface and smooth user experience	8	High
Sprint-1	Home	USN-2	As a user, I will land on the landing page of the website	1	High
Sprint-1	Database	USN-3	As a user my data will be stored in database for further use	5	High
Sprint-1	Registration	USN-4	As a user, I can register for the application as a Job seeker or Recruiter.	2	High
Sprint-2		USN-5	As a user, I will receive verification email once I have registered for the application	2	Medium
Sprint-3		USN-6	As a user, I can register for the application through Google Signup	3	Low
Sprint-3		USN-7	As a user, I can register for the application through Sign in with LinkedIn	3	Low
Sprint-1	Login	USN-8	As a user, I can log into the application as Jobseeker or Recruiter by entering registered email & correct password	2	High
Sprint-3		USN-9	As a user, I can log into the application using google sign in option	3	Low

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority
Sprint-1	UI Design & Frontend Development	USN-1	As a user I can expect to experience a cool user interface and smooth user experience	8	High
Sprint-1	Home	USN-2	As a user, I will land on the landing page of the website	1	High
Sprint-1	Database	USN-3	As a user my data will be stored in database for further use	5	High
Sprint-3		USN-10	As a user, I can log into the application using LinkedIn Login	3	Low
Sprint-2	Profile Setup	USN-11	As a fresh user I need to setup my profile initially by filling required details which can be modified later	3	High
Sprint-2		USN-12	As a fresh recruiter I need to setup profile for my company by filling required details which can be modified later	3	High
Sprint-2	Cloud Storage	USN-13	As a user I can upload my Image, Resume and much more in the website	3	Medium
Sprint-2	Posting	USN-14	As a Recruiter I can post various job openings	5	High
Sprint-2	Job Listing	USN-15	As a user I can access jobs posted by recruiters and Google Job Search API	5	High
Sprint-2	Applying	USN-16	As a Job Seeker I can view all Job openings in the home page and also, I can search for specific jobs and apply for the same	3	High
Sprint-2	Shortlisting	USN-17	As a Recruiter I can view applied candidates and shortlist few among them.	3	High
Sprint-3	Chatbot	USN-18	As a User I can access chatbot to avail any kind of guidance in the website	5	High
Sprint-3	Notification (SendGrid)	USN-19	As a User, I can get notification on new Job openings via email using SendGrid service	3	Medium
Sprint-3	Courses & Webinars	USN-20	As an administrator I can suggest users various courses from famous websites like Udemy, Coursera based on their skillset to improve their skills	3	Low

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority
Sprint-1	UI Design & Frontend Development	USN-1	As a user I can expect to experience a cool user interface and smooth user experience	8	High
Sprint-1	Home	USN-2	As a user, I will land on the landing page of the website	1	High
Sprint-1	Database	USN-3	As a user my data will be stored in database for further use	5	High
Sprint-3	Interviews	USN-21	As a recruiter I can schedule face to face Interview with shortlisted candidates using WebRTC framework	3	Low
Sprint-3		USN-22	As a shortlisted candidate I can join the scheduled interview using the meeting link	3	Low
Sprint-4	System testing	USN-23	As a user I can access my website without any fault or malfunction	5	Medium
Sprint-4	Docker	USN-24	As a user I can access my containerized application in any device	3	High
Sprint-4	Kubernetes	USN-25	As a user I can access my containerized application in any device with greater security	3	High
Sprint-4	Deployment in the Cloud	USN-26	As a user I can access the website from anywhere in the world	3	High

**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	18	6 Days	24 Oct 2022	29 Oct 2022	18	29 Oct 2022
Sprint-2	27	6 Days	31 Oct 2022	05 Nov 2022	27	05 Nov 2022
Sprint-3	29	6 Days	07 Nov 2022	12 Nov 2022	29	12 Nov 2022
Sprint-4	14	6 Days	14 Nov 2022	19 Nov 2022	14	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)

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

Average Velocity for Sprint 1 =>  $18/6 = 3$  => **3 Story points per day**

Average Velocity for Sprint 2 =>  $27/6 = 4.5$  => **4 Story points per day**

Average Velocity for Sprint 3 =>  $29/6 = 4.8$  => **4 Story points per day**

Average Velocity for Sprint 4 =>  $14/6 = 2.3$  => **2 Story points per day**