

## Project Planning Phase

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

Date	22 October 2022
Team ID	PNT2022TMID32660
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	User interface	USN-1	As a user I can experience a good feel of the presentation	8	High	N.K.priyadharshini Sahana parveen.M
Sprint-1	Home	USN-2	As a user, it will be the first page of the website	3	medium	Sahana parveen.M
Sprint-1	Database	USN-3	As a user my data will be stored in database for further use	5	High	k.praimathi M.shrivardhini
Sprint-1	Registration	USN-4	As a user, I can register for the application as a Job seeker or Recruiter.	2	low	N.K priyadharshini Sahana parveen.M
Sprint-1	Login	USN-5	As a user, I can log into the application as Jobseeker or Recruiter by entering registered username & correct password	2	low	N.k.priyadharshini

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-2	Profile Setup	USN-6	As a fresh user I need to setup the profile	5	High	K.praimathi
Sprint-2		USN-7	As a fresh recruiter I need to setup profile for my company by filling required details	5	High	M.shrivardhini
Sprint-2	Cloud Storage	USN-8	As a user I can upload my Image, Resume and much more in the website	8	Medium	Sahana parveen.M
Sprint-2	Posting the jobs	USN-9	As a Recruiter I can post various job openings	2	High	k.praimathi
Sprint-3	Job Listing	USN-10	As a user I can access jobs posted by recruiters and Google Job Search API	5	High	N.K priyadharshini M.shrivardhini
Sprint-3	Applying	USN-11	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	2	High	Sahana parveen.M
Sprint-3	Chatbot	USN-13	As a User I can access chatbot to avail any kind of guidance in the website	8	High	M.shri vardhini M.sahana parveen
Sprint-3	Notification (SendGrid)	USN-14	As a User, I can get notification on new Job openings via email using SendGrid service	5	Medium	Praimathi.K
Sprint-4	System testing	USN-15	As a user I can access my website without any fault or malfunction	5	Medium	Shrivardhini.M
Sprint-4	Docker	USN-16	As a user I can access my containerized application in any device	5	High	N.K.priyadharshini
Sprint-4	Kubernetes	USN-17	As a user I can access my containerized application in any device with greater security	5	High	Praimathi.K
Sprint-4	Deployment in the Cloud	USN- 18	As a user I can access the website from anywhere in the world	5	High	Sahana parveen.M

### 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)

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

Average Velocity for Sprint 1 => 20/6=3.3

Average Velocity for Sprint 2 => 20/6=3.3

Average Velocity for Sprint 3 => 20/6=3.3

Average Velocity for Sprint 4 => 20/6=3.3

## 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.

Total Story Points: 80

Project Start Date: 24<sup>th</sup> October 2022

Project End Date: 19<sup>th</sup> November 2022

## Sprint 1 burndown chart:





