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

Date	19 November 2022
Team ID	PNT2022TMID22304
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	G.Hemanth
Sprint-1	Home	USN-2	As a user, it will be the first page of the website	3	medium	M.Harshavardhan P. Nandhu Naidu
Sprint-1	Database	USN-3	As a user my data will be stored in database for further use	5	High	G.Hemanth Kakarla Avinash
Sprint-1	Registration	USN-4	As a user, I can register for the application as a Job seeker or Recruiter.	2	low	M.Harshavardhan
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	Kakarla Avinash P.Nandhu Naidu

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	G.Hemanth
Sprint-2		USN-7	As a fresh recruiter I need to setup profile for my company by filling required details	5	High	M.Harshavardhan
Sprint-2	Cloud Storage	USN-8	As a user I can upload my Image, Resume and much more in the website	8	Medium	Kakarla Avinash
Sprint-2	Posting the jobs	USN-9	As a Recruiter I can post various job openings	2	High	P.Nandhu Naidu
Sprint-3	Job Listing	USN-10	As a user I can access jobs posted by recruiters and Google Job Search API	5	High	G.Hemanth
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	P.Nandhu Naidu Kakarla Avinash
Sprint-3	Chatbot	USN-13	As a User I can access chatbot to avail any kind of guidance in the website	8	High	G.Hemanth M.Harshavardhan
Sprint-3	Notification (SendGrid)	USN-14	As a User, I can get notification on new Job openings via email using SendGrid service	5	Medium	Kakarla Avinash
Sprint-4	System testing	USN-15	As a user I can access my website without any fault or malfunction	5	Medium	M.Harshavardhan Kakarla Avinash
Sprint-4	Docker	USN-16	As a user I can access my containerized application in any device	5	High	P.Nandhu Naidu G .Hemanth
Sprint-4	Kubernetes	USN-17	As a user I can access my containerized application in any device with greater security	5	High	G.Hemanth KaKarla Avinash
Sprint-4	Deployment in the Cloud	USN- 18	As a user I can access the website from anywhere in the world	5	High	P.Nandhu Naidu M.Harshavardhan

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)

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

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: 24th October 2022
Project End Date: 19th November 2022

Sprint 1 burndown chart: