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

Date	22 October 2022
Team ID	PNT2022TMID11592
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 for Recruiters	USN-1	As a Recruiter, I can register for the application by entering my email, password, and confirming my password.	5	Medium	J.S. Prathusha Devi S. Pooja S. Srimathi P. Loganayagi
Sprint-1		USN-2	As a Recruiter, I will receive confirmation email once I have registered for the application	5	Medium	J.S. Prathusha Devi S. Pooja S. Srimathi P. Loganayagi
Sprint-1	Login	USN-3	As a Recruiter, I can login for the application through Gmail	5	Medium	J.S. Prathusha Devi S. Pooja S. Srimathi P. Loganayagi
Sprint-1	Dashboard	USN-4	As a Recruiter, I can post vacancy status in my organization and create online application for users to apply for the job.	10	High	J.S. Prathusha Devi S. Pooja S. Srimathi P. Loganayagi
Sprint-1		USN-5	As a Recruiter, I can view and manage applications.	10	High	J.S. Prathusha Devi S. Pooja S. Srimathi P. Loganayagi

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-2	Registration for Applicants	USN-1	As an applicant, I can register for the application by entering my email, password, and confirming my password.	5	Medium	J.S. Prathusha Devi S. Pooja S. Srimathi P. Loganayagi
Sprint-2		USN-2	As an applicant, I will receive confirmation email once I have registered for the application	5	Medium	J.S. Prathusha Devi S. Pooja S. Srimathi P. Loganayagi
Sprint-2	Login	USN-3	As an applicant, I can login for the application through Gmail	5	Medium	J.S. Prathusha Devi S. Pooja S. Srimathi P. Loganayagi
Sprint-2	Dashboard	USN-4	As an applicant, I can search and view the job openings and apply for the job.	10	High	J.S. Prathusha Devi S. Pooja S. Srimathi P. Loganayagi
Sprint-3	Database	USN-1	As a User, I can store my details	10	High	J.S. Prathusha Devi S. Pooja S. Srimathi P. Loganayagi
Sprint-3	Cloud Storage	USN-2	As a User, I can upload my documents	10	High	J.S. Prathusha Devi S. Pooja S. Srimathi P. Loganayagi
Sprint-3	Chatbot	USN-3	As a User, I can interact with the chatbot and ask queries regarding job openings and other queries.	10	High	J.S. Prathusha Devi S. Pooja S. Srimathi P. Loganayagi
Sprint-3	Sendgrid service	USN-4	As a User, I can get notification or mail about job openings.	10	High	J.S. Prathusha Devi S. Pooja S. Srimathi P. Loganayagi
Sprint-4	Docker	USN-1	As a User, I can access the Website in any device.	10	High	J.S. Prathusha Devi S. Pooja S. Srimathi P. Loganayagi

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
	Kubernetes	USN-2	As a User, I can access the Website in any device.	10	High	J.S. Prathusha Devi S. Pooja S. Srimathi P. Loganayagi
	Deployment in cloud	USN-3	As a User, I can access the Website in any device.	10	High	J.S. Prathusha Devi S. Pooja S. Srimathi P. Loganayagi

Project Tracker, Velocity & Burndown Chart: (4 Marks)

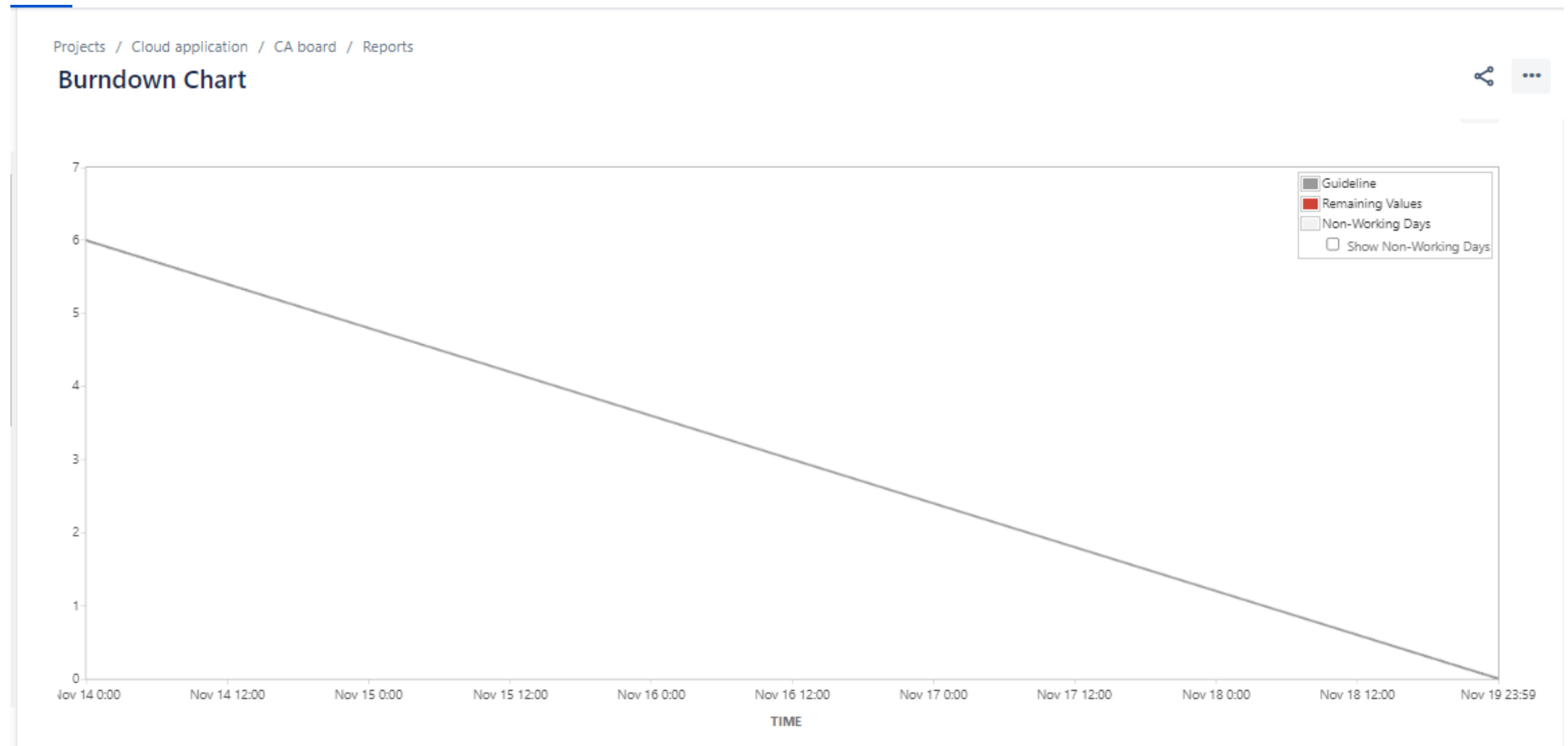| Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)
Sprint-1	20	6 Days	24 Oct 2022	29 Oct 2022	20	29 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	20	05 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	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)

$$AV = \text{Sprint Duration/velocity}$$
$$= 20/6$$
$$= 3.33$$

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.

Burnup Chart

CA Sprint 1 ▾   Story Points ▾

Work scope   Scope projection
Completed Work
Guideline

STORY POINTS

35
30
25
20
15
10
5
0

Oct 24 Oct 25 Oct 26 Oct 27 Oct 28 Oct 29 Oct 30 Oct 31 Nov 1 Nov 2 Nov 3 Nov 4 Nov 5

TIME