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

Product Backlog, Sprint Schedule, and Estimation (4 Marks)

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, password, and confirming my password.	2	High	Mahalakshmi.R Mathumitha Priyanka Roshan Raji Sriram
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	Mahalakshmi
Sprint-2		USN-3	As a user, I can register for the application through Facebook	2	Low	Mathumitha
Sprint-2		USN-4	As a user, I can register for the application through Gmail	2	Medium	Priyanka
Sprint-1	Login	USN-5	As a user, I can log into the application by entering email & password	1	High	Sriram
Sprint-1	Dashboard	USN-6	As a user, I can access the services and information provided in the dashboard	2	High	Roshan Raji
Sprint-1	login	USN-7	As a user, I can log into the web application and access the dashboard	2	High	Mahalakshmi
Sprint-4	Helpdesk	USN-8	As a user, I can get the guidance from the customer care	1	High	Mathu mitha

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-3	Management	USN-9	As an administrator, I can collect new datasets and keep the model trained	2	High	Priyanka

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-3		USN-10	As an administrator, I can update other features of the application	2	Medium	Sriram
Sprint-3		USN-11	As an administrator, I can maintain the information about the user	2	Medium	Mahalakshmi
Sprint-4		USN-12	As an administrator, I can maintain third-party services	1	Low	Mathumitha

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	8	10 Days	27 Oct 2022	5 Nov 2022	8	30 Oct 2022
Sprint-2	4	8 Days	6 Nov 2022	13 Nov 2022	4	07 Nov 2022
Sprint-3	6	4 Days	14 Nov 2022	17 Nov 2022	6	11Nov 2022
Sprint-4	2	3 Days	18 Nov 2022	20 Nov 2022	2	22Nov 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)

$$AV = \frac{sprint\ duration}{velocity} = \frac{20}{10} = 2$$
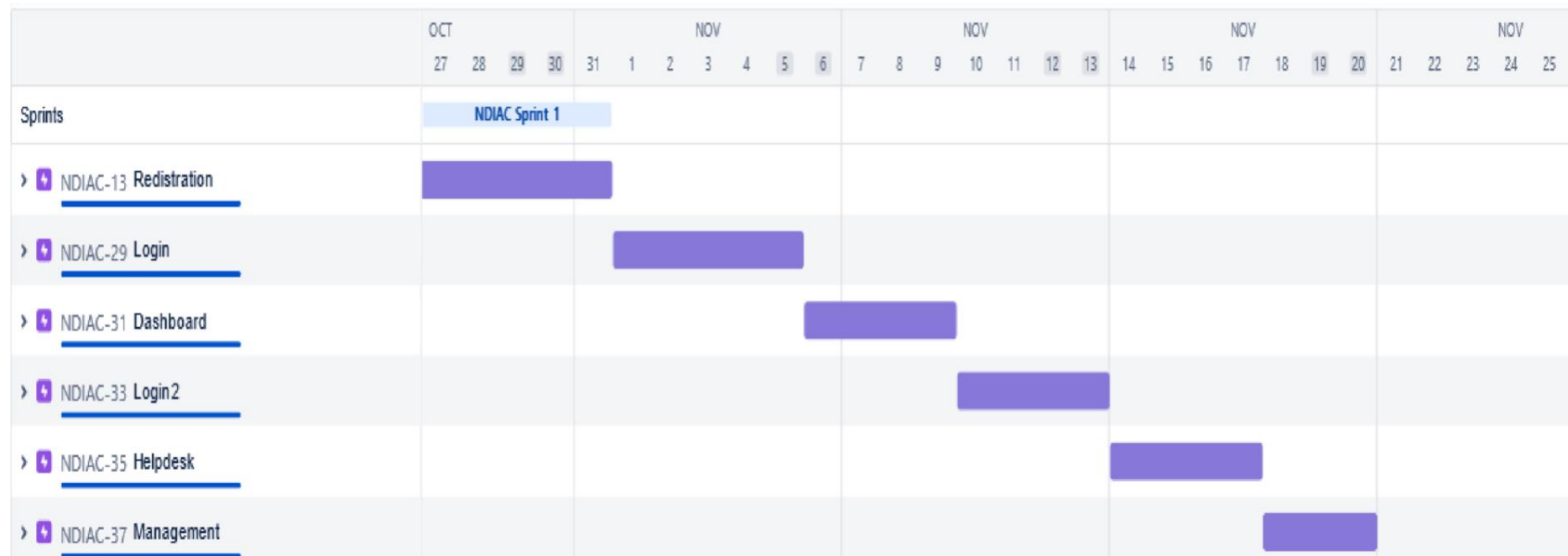
AV (Sprint 1) = 8/6 = 1
AV (Sprint 2) = 4/6 = 1

AV (Sprint 3) = 6/6 = 1

AV (Sprint 4) = 2/6 = 1

AV (Total) = 20/24 = 1 (appx., 1 sprint to be completed per day)

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.

Back to project

Reports

Overview

Burnup report

Sprint burndown chart

Velocity report

Cumulative flow diagram

Cycle time report

Deployment frequency report

You're in a team-managed project

Learn more

NDIAC Sprint 1 ⌄   Story points ⌄

Date - October 26th, 2022 - October 31st, 2022

——— Remaining work
Number of story points left to complete this sprint

——— Guideline
Ideal burn rate

Planned end

Story points

Date