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

Date	02 November 2022
Team ID	PNT2022TMID00314
Project Name	Natural Disaster Intensity Analysis and Classification
Maximum Marks	8 Marks

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

Usethe 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	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	2	High	Malini .V
Sprint-1		USN-2	As a user, I will receive confirmation email once Ihave registered for the application	1	High	Khavya .N
Sprint-2		USN-3	As a user, I can register for the application throughFacebook	2	Low	Kirthika .V
Sprint-2		USN-4	As a user, I can register for the application throughGmail	2	Medium	Neerukattu . sivapriya
Sprint-1	Login	USN-5	As a user, I can log into the application by enteringemail & password	1	High	Malini .V

Sprint-1	Dashboard	USN-6	As a user, I can access the services and information provided in the dashboard	2	High	Khavya .N
Sprint-1	login	USN-7	As a user, I can log into the web application and access the dashboard	2	High	Kirthika .V
Sprint-4	Helpdesk	USN-8	As a user, I can get the guidance from the customer care	1	High	Neerukattu . sivapriya
Sprint-3	Management	USN-9	As an administrator, I can collect new datasets and keep the model trained	2	High	Malini .V
Sprint-3		USN-10	As an administrator, I can update other features of the application	2	Medium	Khavya .N
Sprint-3		USN-11	As an administrator, I can maintain the information about the user	2	Medium	Kirthika .V
Sprint-4		USN-12	As an administrator, I can maintain third-party services	1	Low	Neerukattu . sivapriya

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	6 Days	26 Oct 2022	31 Oct 2022	8	29 Oct 2022
Sprint-2	4	6 Days	1 Oct 2022	05 Nov 2022	4	05 Nov 2022
Sprint-3	6	6 Days	6 Nov 2022	10 Nov 2022	6	12 Nov 2022
Sprint-4	2	6 Days	10 Nov 2022	13 Nov 2022	2	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)

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

AV (Sprint 1) =
8/6 = 1 AV
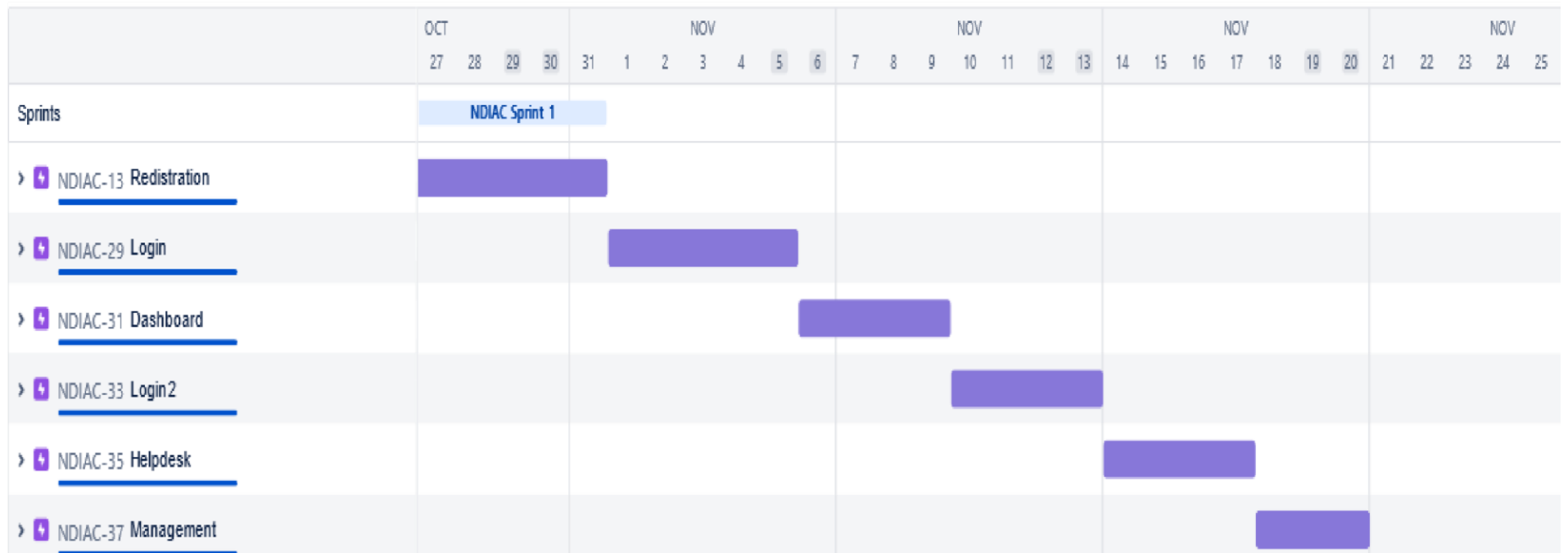(Sprint 2) = 4/6
= 1
AV (Sprint 3) = 6/6 = 1

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.

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

12
9
6
3
0

Oct 27   Oct 28   Oct 29   Oct 30   Oct 31   Nov 01   Nov 02

Date