Project Planning Phase

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

Date	02 November 2022
Team ID	PNT2022TMID47240
Project Name	Natural Disaster Intensity Analysis and Design
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	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	2	High	Sundhar
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	vinitha
Sprint-2		USN-3	As a user, I can register for the application through Facebook	2	High	Sowndharya
Sprint-2		USN-4	As a user, I can register for the application through Gmail	2	High	Ramprabu
Sprint-1	Login	USN-5	As a user, I can log into the application by entering email & password	1	High	Sowndharya
Sprint-1	Dashboard	USN-6	As a user, I can access the services and information provided in the dashboard	2	High	Ramprabu
Sprint-2	login	USN-7	As a user, I can log into the web application and access the dashboard	2	High	Sundhar

Sprint-4	Helpdesk	USN-8	As a user, I can get the guidance from the customer care	1	High	Ramprabu
Sprint-3	Management	USN-9	As an administrator, I can collect new datasets and keep the model trained	2	High	Vinitha

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	Sundhar
Sprint-3		USN-11	As an administrator, I can maintain the information about the user	2	Medium	Vinitha
Sprint-4		USN-12	As an administrator, I can maintain third-party services	1	Medium	Sowndharya

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

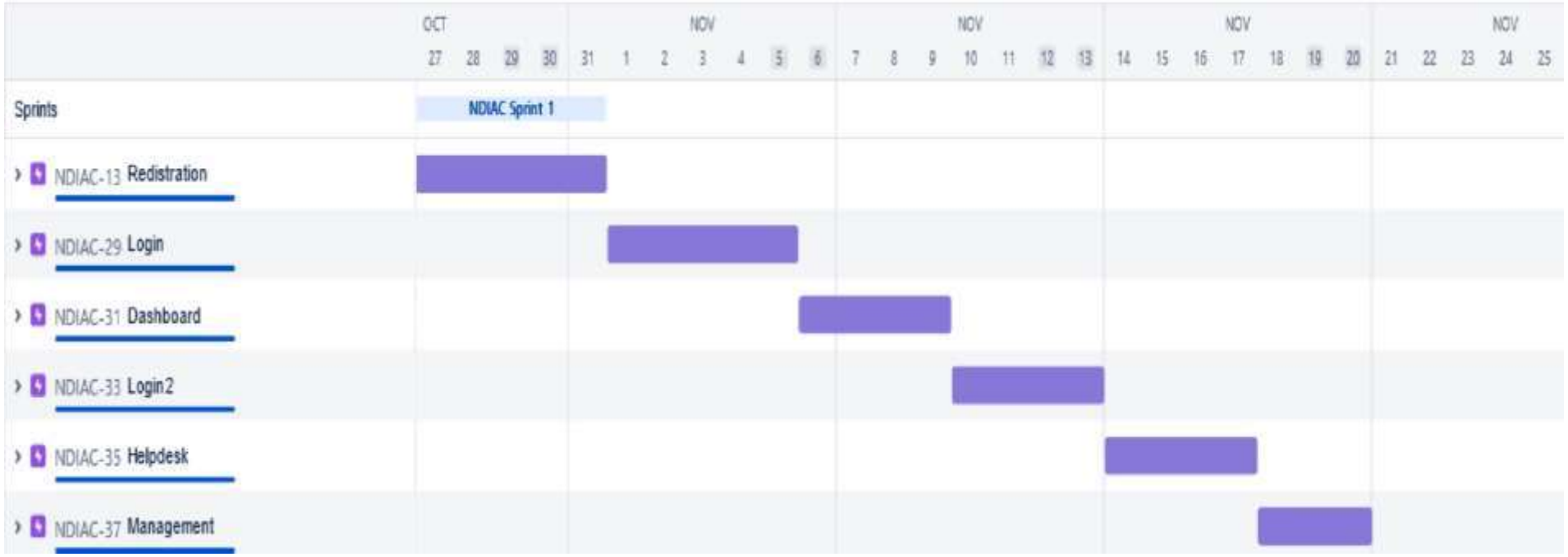
AV (Sprint 3) = 6/6 = 1

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.


OCT
NOV
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27 28 29 30 31 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25
Sprints
NDIAC Sprint 1
NDIAC-13 Redistration
NDIAC-29 Login
NDIAC-31 Dashboard
NDIAC-33 Login2
NDIAC-35 Helpdesk
NDIAC-37 Management

Natural Disaster Inte...
Software project

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

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NDIAC Sprint 1

Story points

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