

Project Planning Phase

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

Date	23 October 2022
Team ID	PNT2022TMID33925
Project Name	Natural disasters intensity analysis and classification using artificial intelligence
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 that.	2	Low	Haja Mydeen
Sprint-1	Registration	USN-2	As a user, I will receive confirmation email once I have registered for the application.	3	High	Harini
Sprint-1	Login	USN-3	As a user, I adapt to logging into the system with credentials.	2	Low	Vanish
Sprint-1	Designation of Region	USN-4	As a user, I can collect the dataset and select the region of interest to be monitored and analysed.	5	Medium	Veeramakali
Sprint-2	Analysis of required phenomenon	USN-5	As a user, I can regulate certain factors influencing the action and report on past event analysis.	4	High	Vanish
Sprint-2	Algorithm selection	USN-6	As a user, I can choose the required algorithm for specific analysis.	4	Medium	Harini
Sprint-2	Training and Testing	USN-7	As a user, I can train and test the model using the algorithm.	4	High	Veeramakali
Sprint-3	Prediction and analysis of data	USN-8	As a user, I can predict and visualise the data effectively.	4	High	Haja Mydeen

Sprint-3	Model building	USN-9	As a user, I can build with the web application.	8	High	Vanish
Sprint-4	Report generation	USN-10	As a user, I can generate detailed report on product data analysis.	4	High	Harini
Sprint-4	Model deployment	USN-11	As an administrator, I can maintain third-party services.	8	High	Veeramakali

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	12	6 Days	24 Oct 2022	29 Oct 2022	12	29 Oct 2022
Sprint-2	12	6 Days	31 Oct 2022	05 Nov 2022	12	05 Nov 2022
Sprint-3	12	6 Days	07 Nov 2022	12 Nov 2022	12	12 Nov 2022
Sprint-4	12	6 Days	14 Nov 2022	19 Nov 2022	12	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)

$$\text{Average velocity} = \text{Sprint duration} / \text{velocity} = 12/6 = 2$$

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.

 Natural Disasters Inten...
Software project

PLANNING

- Roadmap
- Backlog
- Board

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Projects / Natural Disasters Intensity Analysis and Classification using AI

All sprints




Epic ▼ Sprint ▼

GROUP BY None ▼ [Insights](#)


ISSUES

adapt to logging into with credentials.

JA-3 2 

I can collect the d select the region of be monitored and

ON OF REGION

JA-4 5 

I can regulate certain uencing the action on past event

IN PROGRESS 2 ISSUES

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REGISTRATION

NDIACUA-1

As a user,I will receive confirmation email once I ha registered for the applicatio

REGISTRATION

NDIACUA-2

Sprint progress

0% done

Done

0%

In progress

42%

Not started

58%

Sprint burndown

Add estimates to manage and maintain scope

This insight helps you compare planned worked against completed work, so you can track scope and pivot as needed. [Learn more](#)

Epic progress

This sprint is working towards 3 epics

NDIACUA-11 Registration

0% done

NDIACUA-14 Designation of Region

0% done

Back

Help

insight

Sprint burndown

7 points done, 19 points to go On track

Not seeing this insight? Add estimates to your issues in order to calculate your sprint burndown. If you've added estimates after your sprint has started, you'll need to update the sprint's start and end date in the backlog to view this data. [Learn more about adding estimates.](#)

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