

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

Date	23 October 2022
Team ID	PNT2022TMID33840
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 my password.	2	Low	Sowndarya T
Sprint-1	Registration	USN-2	As a user, I will receive confirmation email once I have registered for the application	3	High	Sudarmathi T
Sprint-1	Login	USN-3	As a user, I adapt to logging into the system with credentials.	2	Low	Sri Devi P
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	Durga Vijaya Lakshmi K
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	Sri Devi P
Sprint-2	Algorithm selection	USN-6	As a user, I can choose the required algorithm for specific analysis.	4	Medium	Sudarmathi T
Sprint-2	Training and Testing	USN-7	As a user, I can train and test the model using the algorithm.	4	High	Durga Vijaya Lakshmi K

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-3	Prediction and analysis of data	USN-8	As a user, I can predict and visualise the data effectively.	4	High	Sowndarya T
Sprint-3	Model building	USN-9	As a user, I can build with the web application.	8	High	Sri Devi P
Sprint-4	Report generation	USN-10	As a user, I can generate detailed report on product data analysis.	4	High	Sudarmathi T
Sprint-4	Model deployment	USN-11	As an administrator, I can maintain thirdparty services	8	High	Durga Vijaya Lakshmi K

Project Tracker, Velocity & Burn down 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 6-day sprint duration, and the velocity of the team is 12 (points per sprint). Let's calculate the team's average velocity (AV) per iteration unit (story points per day)

Average velocity=Sprint duration / 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.

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TO DO 9 ISSUES

As a user, I adapt to logging into the system with credentials.

LOGIN

NDIACUA-4

2

As a user, I can collect the dataset and select the region of interest to be monitored and analysed.

DESIGNATION OF REGION

NDIACUA-5

Insights NDIACUA Sprint 1

Sprint progress

0% done

Done In progress Not started

0% 42% 58%

Sprint burndown

NDIACUA board - Agile b...

tain scope

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Sprint burndown

7 points done, 19 points to go

On track

100%

80%

60%

40%

20%

0%

Jun 3

Jun 21

Remaining work

Guideline

Not seeing this insight? Add estimates to your issues in order to calculate your sprint burndown. If you've added

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