

Project Planning Phase

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

Team ID	PNT2022TMID33185
Project Name	Project – AI based localization and classification of skin disease with erythema

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	Create Dataset and Annotate Images	USN-1	Create the dataset with 50 images perskin disease. Annotate images using Microsoft VOTT .	20	High	Brundha G, Dharany M
Sprint-2	Training YOLO	USN-2	Download and convert pre-trained weights. Train Yolov3 detector and build the source code.	20	High	Chitra S, Divya K
Sprint-3	Cloudant DB	USN-3	Create cloud account, create serviceinstance, launch cloudant DB and create the database.	20	Low	Brundha G, Divya K
Sprint-4	Login	USN-4	As a user, I can login into the application.	20	Medium	Chitra S , Dharany M

Sprint-4		USN-5	As a user I can upload skin images as input	20	High	Brundha G, Chitra S
Sprint-4		USN-6	As an admin I can track the skin condition of the user and recommend medication for the user and as a user I can logout successfully.	20	Medium	Dharany M, Divya K

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	20	6 Days	24 Oct 2022	29 Oct 2022	20	29 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	20	05 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	20	12 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	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)

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

Burndown Chart:

Windows taskbar showing search bar, taskbar icons (Edge, File Explorer, Mail, Outlook, OneDrive, Photos, Chrome), system tray (Network, Volume, Date/Time: 15:20, 16-11-2022, Language: ENG).

AI-based localization a...
Software project

PLANNING

Roadmap

Backlog

Board

DEVELOPMENT

Code

Project pages

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Projects / AI-based localization and classification of skin disease with erythema

All sprints

DK B CS

Sprint

GROUP BY None Insights

TO DO 2 ISSUES

As a user, I can login into the application. As a user I can upload skin images as input.

ABLCSDWE-12 10

As an admin I can track the skin condition of the user and recommend medication for the user and as a user I can logout successfully.

ABLCSDWE-13 10 CS

IN PROGRESS 2 ISSUES

launch cloudant DB and create the database.

ABLCSDWE-10 10 DK

Create cloud account, create service instance.

ABLCSDWE-11 10 B

DONE 4 ISSUES

Create the dataset with 50 images per skin disease.

ABLCSDWE-6 10 B

Annotate images using Microsoft VOTT .

ABLCSDWE-7 10

Download and convert pre-trained weights.

ABLCSDWE-8 10 CS

Train YOLOv3 detector and build the source code.

ABLCSDWE-9 10 DK

Quickstart

- Create a project
- Customize your board
- Create an issue

Issues are individual pieces of work that you assign to teammates.

Issues can be tasks or stories.

Show me View issue tutorial

- Invite your teammates
- Connect your tools

Dismiss Quickstart

[ps://www.visual-paradigm.com/scrum/scrum-burndown-chart/](https://www.visual-paradigm.com/scrum/scrum-burndown-chart/)
<https://www.atlassian.com/agile/tutorials/burndown-charts>

Reference:

<https://www.atlassian.com/agile/project-management>

[https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-](https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software)
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