

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

Date	23 October 2022
Team ID	PNT2022TMID52709
Project Name	Project - AI - based localization and classification of skin disease with erythema
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	Create Dataset	USN-1	Create the dataset with 50 images perskin disease	3	High	Navin Kumar K Luhindaar M Mohamad Farhan J Srinivas R
Sprint-2	Annotate images	USN-2	Annotate images using Microsoft VOTT into four phases	3	High	Navin Kumar K Luhindaar M Mohamad Farhan J Srinivas R
Sprint-3	Training Yolo and Build python code	USN-3	Download and Convert pre-trained weights. Train YOLOv3 detector and build the source code	3	High	Navin Kumar K Luhindaar M Mohamad Farhan J Srinivas R
Sprint-4	Cloudant DB	USN-4	Create cloud account, create service instance, launch cloudant DB and create the database	3	High	Navin Kumar K Luhindaar M Mohamad Farhan J Srinivas R

Sprint-4	Registration	USN-5	As a user, I can register for the application by entering my email, password, and confirming my password.	3	High	Navin Kumar K Luhindaar M Mohamad Farhan J Srinivas R
Sprint-4	Login	USN-6	As a user, I can log into the application by entering login credentials	2	Medium	Navin Kumar K Luhindaar M Mohamad Farhan J Srinivas R
Sprint-4	Logout	USN-7	As a user, I can register for the application through mobile number	3	High	Navin Kumar K Luhindaar M Mohamad Farhan J Srinivas R
Sprint-4	Dashboard	USN-8	As a user. I can upload images and get details of the disease.	3	High	Navin Kumar K Luhindaar M Mohamad Farhan J Srinivas R

### 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 EndDate)	Sprint Release Date (Actual)
Sprint-1	20	7 Days	20 Oct 2022	27 Oct 2022	20	27 Oct 2022
Sprint-2	20	7 Days	27 Oct 2022	03 Nov 2022	20	03 Nov 2022
Sprint-3	20	7 Days	03 Nov 2022	10 Nov 2022	20	10 Nov 2022
Sprint-4	20	7 Days	10 Nov 2022	17 Nov 2022	20	17 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)

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

Average Velocity = Story Points per Day

Sprint Duration = Number of (Duration) days

per Sprint Velocity = Points per Sprint

$$AV = 20 / 6 \approx 4$$

Therefore, the AVERAGE VELOCITY IS 4 POINTS PER SPRINT

Sprint burndown chart

[How to read this report](#)

Sprint

DPDUM/L Sprint 1

Estimation field

Story points

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Date - October 29th, 2022 - October 29th, 2022  
Sprint goal - Data Collection and Data Preprocessing

