

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

Date	23 October 2022
Team ID	PNT2022TMID01254
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	Ashwini S Ashwathi A
Sprint-2	Annotate images	USN-2	Annotate images using Microsoft VOTT into four phases	3	High	Pavithra R Joyce Jonafarc L
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	Ashwini S Ashwathi A
Sprint-4	Cloudant DB	USN-4	Create cloud account, create serviceinstance, launch cloudant DB and create the database	3	High	Pavithra R Joyce Jonafarc L

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	Joyce Jonafarc L Pavithra R
Sprint-4		USN-6	As a user, I will receive confirmation email once I have registered for the application	2	Medium	Joyce Jonafarc L Pavithra R
Sprint-4		USN-7	As a user, I can register for the application through mobile number	3	High	Joyce Jonafarc L Pavithra R
Sprint-4		USN-8	As a user. I will Receive confirmation SMS	3	High	Joyce Jonafarc L Pavithra R
Sprint-4	Login	USN-9	As a user, I can log into the application by entering login credentials	3	High	Joyce Jonafarc L Pavithra R
Sprint-4	Dashboard	USN-10	As a user, I can upload my images and get my details of skin diseases	3	High	Joyce Jonafarc L Pavithra R
Sprint -4	Logout	USN-11	As a user, I can logout successfully	2	Medium	Joyce Jonafarc L Pavithra 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	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)

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

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

