

## Project Planning Phase

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

Date	13 November 2022
Team ID	PNT2022TMID16989
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	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	5	High	All Members
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application.	1	High	All Members
Sprint-1		USN-3	As a user, I can take a photo and upload in a Application.	5	High	All Members
Sprint-1		USN-4	As a user, I can receive a result of image I uploaded	2	Medium	All Members
Sprint-1		USN-5	As a user, I can consult a doctor according to the result I receive.	7	High	All Members
Sprint-2	Dashboard	USN-6	As a user, I can enter the age and professional	2	Medium	All Members
Sprint-2		USN-7	As a user, I can upload a photo also from a gallery and drive	3	Low	All Members
Sprint-2		USN-8	As a user, I can re upload a photo whether it show a some error	15	Medium	All Members

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-3		USN-9	As a user, I can re upload a photo whether it show a some error	15	Low	All Members
Sprint-3		USN-10	As a user, I can download the result of application for the uploaded image by using a download button	5	High	All Members
Sprint-4		USN-11	As a admin,I can maintain data of the user safely	2	High	All Members
Sprint-4		USN-12	As a admin,i can manage a image and updatation of disease for train a app regularly.	18	Medium	All Members

#### 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:**

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.

<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-software>

<https://www.atlassian.com/agile/tutorials/epics>

<https://www.atlassian.com/agile/tutorials/sprints>

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

<https://www.atlassian.com/agile/tutorials/burndown-charts>