Project Planning Phase

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

|  |  |
| --- | --- |
| Date | 20 November 2022 |
| Team ID | PNT2022TMID52418 |
| Project Name | 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. | 2 | High | C,Rosy |
| Sprint-1 | Confirmation | USN-2 | As a user, I will receive confirmation email once I have registered for the application | 1 | High | C.Rosy |
| Sprint-1 | Login | USN-3 | As a user, I can login for the application  through Gmail | 2 | Medium | C.Rosy |
| Sprint-1 | Login | USN-4 | As a user, I can log into the application by entering email & password | 2 | High | K.Nandhini |
| Sprint-2 | Dashboard | USN-5 | As a user, I can see the my profile, medical history, upload image , getting report services provided by the application | 1 | Medium | K.Nandhini |
| Sprint-2 | Data input | USN-6 | As a user, I can upload the images of the affected skin area | 1 | High | K.Nandhini |
| Sprint-3 | Train model | USN-7 | As a administrator , I can train a model to compare the images uploaded with the images in the database to detect the disease | 2 | High | N.Arullakshmi |
| Sprint-3 | Image processing | USN-8 | By comparing the images the disease will be detected with the given datasets | 2 | High | N.Arullakshmi |
| Sprint-4 | Report generation | USN-9 | Based on the detection of disease, report generated | 2 | High | P.Atchaya |

# 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 | 14 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)



# 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](https://www.visual-paradigm.com/scrum/what-is-agile-software-development/) methodologies such as [Scrum](https://www.visual-paradigm.com/scrum/scrum-in-3-minutes/). However, burn down charts can be applied to any project containing measurable progress over time.

