<div align="center">

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

</div>

| Date | 27 October 2023 |
|---|---|
| Team ID | Team-592213 |
| Project Name | Early Diagnosis of Diseases Using Image Processing of Human Nails |
| Maximum Marks | 8 Marks |

**Product Backlog, Sprint Schedule, and Estimation (4 Marks)**

| Sprint | Functional Requirement (EPIC) | User Story Number | User Story/Task | Story Points | Priority | Team Members |
|---|---|---|---|---|---|---|
| Sprint-1 | Registration | USN-1 | As a user, I want to fill my details like name, mail id, password to sign up so that I can have access to my account whenever I need. | 3 | High | Anusha |
| Sprint-1 | | USN-2 | As a user, I want to receive confirmation email once I have filled signup form so that I can verify whether email address is correct or not. | 3 | High | Ganesh |
| Sprint-1 | Login | USN-3 | As a user, I want to log into the application by entering correct email & password so that I can access the portal | 2 | High | Sravan |
| Sprint-1 | Image Upload | USN-4 | As a healthcare professional, I want to upload nail images for disease prediction. | 2 | High | Krushik |
| Sprint-2 | Access Account History | USN-5 | As a user, I want to view my account activity and transaction history to track my usage and monitor any changes or activities within my account. | 2 | Medium | Anusha |
| Sprint-2 | Algorithm Improvement | USN-6 | As a developer, I want to continuously update and refine the deep learning algorithm for enhanced disease prediction accuracy. | 3 | Medium | Sravan |
| Sprint-2 | Data Management | USN-7 | As a system administrator, I want to ensure the secure storage and management of patient data and images. | 3 | Medium | Ganesh |
| Sprint-3 | Password Recovery | USN-8 | As a user, I want the option to recover my account password in case I forget it, to regain access to my account. | 1 | Low | Krushik |

**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 Date) | Sprint Release Date (Actual) |
|---|---|---|---|---|---|---|
| Sprint-1 | 10 | 5 Days | 25 Oct 2023 | 29 Oct 2023 | 10 | 29 Oct 2023 |
| Sprint-2 | 8 | 4 Days | 30 Oct 2023 | 2 Nov 2023 | 8 | 2 Nov 2023 |
| Sprint-3 | 1 | 1 Day | 3 Nov 2023 | 3 Nov 2023 | 1 | 3 Nov 2023 |

## Velocity:

Average Velocity (Sprint 1) = Sprint Duration/velocity = 10/5 = 2

Average Velocity (Sprint 1) = Sprint Duration/velocity = 8/4 = 2

Average Velocity (Sprint 1) = Sprint Duration/velocity = 1/1 = 1

Total Average Velocity = 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.