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

Date	21 October 2022
Team ID	PNT2022TMID42525
Project Name	Classification of Arrhythmia by Using Deep Learning with 2-D ECG Spectral Image Representation.

Product Backlog, Sprint Schedule, and Estimation:

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-4	Storage	USN-1	As a user, I can access my images stored from Google Drive if necessary.	1	Medium	Keerthana
Sprint-3	Registration	USN-2	As a user, I can register for the application through Gmail.	1	Low	Kanagaraj
Sprint-2		USN-3	As a user, I can register for the application through website.	1	Medium	Nithish
Sprint-1		USN-4	As a user, I am able to upload the necessary images.	2	High	Nithish
Sprint-2	Dashboard	USN-5	As a user, I can share user report and viewed my result.	1	Medium	Deepan
Sprint-1		USN-6	As an Admin, I gave user all the data available to run the test.	2	High	Nithish
Sprint-1		USN-7	As an Admin, I can manage the Arrhythmia Classification details. If normal or abnormal the UI model will share the result for the dashboard.	2	High	Deepan

Project Tracker, Velocity & Burndown Chart:

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		
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022		
Sprint-4	20	6 Days	14 Nov 2022	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)

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

Burndown Chart:

Sprint 1

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. For other Sprints it will be submitted through JIRA..