Project Planning Phase

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

Date	18 October 2022
Team ID	PNT2022TMID16055
Project Name	Classification Of Arrhythmia by using Deep Learning With 2D ECG Spectral Image Representation
Maximum Marks	8 Marks

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

Use the below template to create a 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 log in to my account and enter my detail page	2	High	Suriya R, Sugumar s
Sprint-1	User Confirmation	USN-2	As a user, I will receive a confirmation email	1	High	Yoganathan M, Vishnuram S
Sprint-2	Feeding Input	USN-3	As a user, I can give the input components to the login	2	High	Vishnuram S, Suriya R
Sprint-1	Collection Data	USN-4	As a user, the Model gets the user details by the inputs and collects the entire outfit of the model	2	Medium	Sugumar s, Yoganathan M
Sprint-1	Evaluation	USN-5	As a user, At last, we train and test the data through the DL algorithm and then show the results as an image representation	1	High	Vishnuram S, Yoganathan

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	30 Oct 2022	04 Nov 2022	20	04 Nov 2022
Sprint-3	20	7 Days	07 Nov 2022	13 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)

$$AV = \frac{\text{Sprint duration}}{\text{Velocity}} = \frac{80}{20} = 4$$

Burndown Chart:

A burndown 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.