

## Project Planning Phase

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

Date	25 October 2022
Team ID	PNT2022TMID34108
Project Name	Project - Classification of arrhythmia By Using Deep Learning With 2-D ECG Spectral Image Representation
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	User can register for the application by entering email, application form or phone number	10	High	Arshitha Zeenath, Abisha, Ajinsha, Aruna
Sprint -1	User Confirmation	USN-2	User will receive a confirmation email or OTP	10	High	Arshitha Zeenath, Abisha, Ajinsha, Aruna
Sprint -2	User Personal Information	USN-3	User should provide his personal details like name, age, height and weight	10	Medium	Arshitha Zeenath, Abisha, Ajinsha, Aruna

<b>Sprint</b>	<b>Functional Requirement (Epic)</b>	<b>User Story Number</b>	<b>User Story / Task</b>	<b>Story Points</b>	<b>Priority</b>	<b>Team Members</b>
Sprint -2	User Login	USN-4	User can log into the application by entering email & password	10	High	Arshitha Zeenath, Abisha, Ajinsha, Aruna
Sprint -3	Dashboard	USN-5	User must give the heart condition they are suffering with. All the databases collected are displayed to the user	10	High	Arshitha Zeenath, Abisha, Ajinsha, Aruna
Sprint -3	Cloud Storage	USN-6	The developer must create a storage in cloud for storing customer information	10	High	Arshitha Zeenath, Abisha, Ajinsha, Aruna
Sprint -4	Training the software	USN-7	The developer must train the software with various datasets and train	10	High	Arshitha Zeenath, Abisha, Ajinsha, Aruna

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
			the system to classify the output			
Sprint-4	Application	USN-8	The classified output is given to the user	10	High	Arshitha Zeenath, Abisha, Ajinsha, Aruna

#### 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	7 Days	24 Oct 2022	30 Oct 2022	20	31 Oct 2022
Sprint-2	20	7 Days	31 Oct 2022	06 Nov 2022	20	07 Nov 2022
Sprint-3	20	7 Days	07 Nov 2022	13 Nov 2022	20	14 Nov 2022
Sprint-4	20	7 Days	14 Nov 2022	20 Nov 2022	20	21 Nov 2022

#### Velocity:

To calculate the team's average velocity (AV) per iteration unit

$$Av = \text{Velocity} / \text{Sprint duration}$$

Where,

Average Velocity - Story points per day

Sprint duration - Number of days (Duration) for Sprints

Velocity - Points per Sprint

$$Av = 20/7 = 2.85$$

Average Velocity is 3 points per Sprint

### Burndown Chart:

