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

Date	17 October 2022
Team ID	PNT2022TMID24237
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)

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-4	**Registration**	**USN-1**	**As a user, I can register for the application by entering my email, password, and confirming my password.**	**5**	**Medium**	**Anirudh**
Sprint-4		USN-2	As a user, I will receive confirmation email once I have registered for the application	1	Medium	Bhavesh
Sprint-2	Model Training	USN-3	As a user, I want the ML model to be as accurate as possible.	5	Low	Bhuvaneshwar

Sprint-2		USN-4	As a user, I want quality data to be collected for the purposes of training the model. Also, image processing methods must be employed to pre-process the dataset.	5	Medium	Bhuvaneshwar
Sprint-4	Login	USN-5	As a user, I can log into the application by entering email & password	3	Medium	Anirudh, Bhavesh
Sprint-1	Homepage	USN-6	As a user, the homepage must properly define the Arrhythmia, its causes and effects and understand how the application helps in solving the problem.	5	High	Chirag
Sprint-1	More Information Page	USN-7	As a user, I must be able to comprehend all medical jargon related to Arrhythmia such as ECG, Coronary Heart Disease, Cardiomyopathy and its types.	5	High	Chirag
Sprint-3	Prediction Page	USN-8	As a user, I must be able to upload the ECG image for prediction.	8	High	Chirag, Bhuvaneshwar

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Sprint-3	Results Page	USN-9	As a user, I must be able to view the results of the classification. For this purpose, an ML model must be trained on the dataset. Also, I must also receive additional information about the type of arrhythmia.	13	High	Chirag, Anirudh

Sprint-3	Contact Information circulation	USN-10	As a user, I must be directed to further sources of help which would help in the treatment process via my e-mail.	5	Medium	Bhuvaneshwar, Bhavesh
Sprint-4	Hosting	USN-11	As a user, it must be accessible on a single website for both mobile, PC users.	3	Medium	Bhavesh, Anirudh

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	10	6 Days	24 Oct 2022	29 Oct 2022	10	29 Oct 2022
Sprint-2	10	6 Days	31 Oct 2022	05 Nov 2022	10	05 Nov 2022
Sprint-3	26	6 Days	07 Nov 2022	12 Nov 2022		
Sprint-4	13	6 Days	14 Nov 2022	19 Nov 2022		