Project Planning Phase

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

Date	17 October 2022
Team ID	PNT2022TMID41545
Project Name	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-1	Preparation	USN-1	Install the Python IDE. Install the required python libraries. Download the required files.	10	High	1.Subitha K 2.Azhagunila S 3.Bhavani E 4. Shalini G
Sprint-1	Data Collection	USN-2	Data pre-processing-Used to transform the data into useful format.	10	Medium	1.Subitha K 2.Azhagunila S 3.Bhavani E 4.Shalini G
Sprint-2	Model Building	USN-3	Model building for fruit and Heart disease prediction	10	High	1.Subitha K 2.Azhagunila S 3.Bhavani 4.Shalini G
Sprint-2	Training and Testing	USN-4	Splitting Collecinto training and testing from the entire dataset.	10	Medium	1.Subitha K 2.Azhagunila S 3.Bhavani E 4. Shalini G

Sprint-3	Develop the Python Script	USN-5	Create a node snippet using Python to *Extract weather data from open weather map using APIs.	10	High	1.Subitha K 2.Azhagunila S 3.Bhavani E 4.Shalini G
Sprint-3	Test Model	USN-6	Training the model and testing the performance of the model	20	Medium	1.Subitha K 2.Azhagunila S 3.Bhavani E 4.Shalini G
Sprint-4	Implementation of Web page	USN-7	Implementing the web page for collecting them user	10	High	1.Subitha K 2.Azhagunila S 3.Bhavani E 4.Shalini G
Sprint-4	Create And Configure IBM Cloud Services	USN-8	Deploying the model using IBM Cloud and IBM Watson Studio	10	Medium	1.Subitha K 2.Azhagunila S 3. Bhavani E 4.Shalini G

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	24 Oct 2022	20	29 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	20	4 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	20	11 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	19 Nov 2022

Velocity:

Sprint 1 Average Velocity: Average Velocity = 20/2 = 10

Sprint 2 Average Velocity: Average Velocity = 20/2 = 10

Sprint 3 Average Velocity: Average Velocity = 20/1 = 20

Sprint 4 Average Velocity: Average Velocity = 20/2 = 10

Burndown Chart: