Project Planning Phase

Project Planning Template (Milestone & Activity List)

Date	16 November 2022
Team ID	PNT2022TMID18693
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

S.NO	MILESTONE	ACTIVITIES	DATE
1.	Preparation Phase	Pre-requisites	25 Aug 2022
		Prior knowledge	26 Aug 2022
		Project Structure	24 Aug 2022
		Project Flow	24 Aug 2022
		Project Objectives	23 Aug 2022
		Registrations	27 Aug 2022

		Environment Set-up	27 Aug 2022
2.	Ideation Phase	Literature Survey	30 Aug 2022 - 03 Sept 2022
		Empathy Map	05 Sept 2022 - 7 Sept 2022
		Problem Statement	08 Sept 2022 - 11 Sept 2022
		Ideation	13 Sept 2022 - 16 Sept 2022
3.	Project Design Phase -I	Proposed Solution	19 Sept 2022 - 23 Sept 2022
		Problem Solution Fit	25 Sept 2022 - 27 Sept 2022
		Solution Architecture	28 Sept 2022 - 30 Sept 2022
4.	Project Design Phase -II	Customer Journey	04 Oct 2022 - 08 Oct 2022
		Requirement Analysis	09 Oct 2022 - 11 Oct 2022
		Data Flow Diagrams	11 Oct 2022 - 13 Oct 2022
		Technology Architecture	15 Oct 2022 - 16 Oct 2022
5.	Project Planning Phase	Milestones & Tasks	17 Oct 2022 - 18 Oct 2022

		Sprint Schedules		19 Oct 2022 - 22 Oct 2022
6.	Project Development Phase	Sprint-1		24 Oct 2022 - 29 Oct 2022
		Sprint-2		30 Oct 2022 - 04 Nov 2022
		Sprint-3		06 Nov 2022- 11 Nov 2022
		Sprint-4		12 Nov 2022 - 18 Nov 2022
	Sprint-1	● Download The Dataset		24 Oct 2022 – 28 Oct 2022
	Sprint – 2	● Import Image-DataGenerator Library ● Configure Image-DataGenerator class ● Configure The Learning Process ● Build Python code ● Adding Dense Layer ● Adding CNN layer ● Training the model ● Saving the model ● Testing the model		29 Oct 2022 – 05 Nov 2022
	Sprint – 3	● Register IBM Cloud ● Develop the web interface using Flask ● Perform server-side scripting		06 Nov 2022 –11 Nov 2022

	Sprint – 4	- Train the model on IBM - Create Html files - Integrate CNN Model with Web interface - Deployment and Testing	13 Nov 2022 –19 Nov 2022