

# Project Planning Phase

## Project Planning Template (Milestone & Activity List)

Date	22 October 2022
Team ID	PNT2022TMID33910
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	24 Aug 2022
		Prior knowledge	25 Aug 2022
		Project Structure	23 Aug 2022
		Project Flow	23 Aug 2022
		Project Objectives	22 Aug 2022
		Registrations	26 Aug 2022
		Environment Set-up	27 Aug 2022

2.	Ideation Phase	Literature Survey	29 Aug 2022 - 03 Sept 2022
		Empathy Map	05 Sept 2022 - 7 Sept 2022
		Problem Statement	08 Sept 2022 - 10 Sept2022
		Ideation	12 Sept 2022 - 16 Sept 2022
3.	Project Design Phase -I	Proposed Solution	19 Sept 2022 - 23 Sept 2022
		Problem Solution Fit	24 Sept 2022 - 26 Sept 2022
		Solution Architecture	27 Sept 2022 - 30 Sept 2022
4.	Project Design Phase -II	Customer Journey	03 Oct 2022 - 08 Oct 2022
		Requirement Analysis	09 Oct 2022 - 11 Oct 2022
		Data Flow Diagrams	11 Oct 2022 - 14 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 - 28 Oct 2022
		Sprint-2	30 Oct 2022 - 04 Nov 2022
		Sprint-3	06 Nov 2022- 11 Nov 2022
		Sprint-4	13 Nov 2022 - 18 Nov 2022
	Sprint-1	<ul style="list-style-type: none"> <li>● Download The Dataset</li> <li>● Import ImageDataGenerator Library</li> <li>● Configure ImageDataGenerator class</li> <li>● Import Libraries</li> <li>● Initialize the Model</li> </ul>	24 Oct 2022 – 28 Oct 2022

	Sprint – 2	<ul style="list-style-type: none"> <li>● Register IBM Cloud</li> <li>● Apply ImageDataGenerator functionality to Trainset and Dataset</li> <li>● Test the model</li> </ul>	30 Oct 2022 – 04 Nov 2022
	Sprint – 3	<ul style="list-style-type: none"> <li>● Train the model on IBM</li> <li>● Create Html files</li> <li>● Train the Model</li> </ul>	06 Nov 2022 –11 Nov 2022
	Sprint – 4	<ul style="list-style-type: none"> <li>● Configure The Learning Process</li> <li>● Build Python code</li> <li>● Adding Dense Layer</li> <li>● Adding CNN layer</li> </ul>	13 Nov 2022 –18 Nov 2022