

Project Planning Phase Milestones & Activities

Date	23 October 2022
Team ID	PNT2022TMID48615
Project Name	Classification Of Arrhythmia By Using Deep Learning With 2-D ECG Spectral Image Representation
Maximum Marks	4 Marks

S.No	Milestones	Activities	Team Members
1.	Project Objective	-	AnandaKumar A Praveen T Hari Deevagan M Bramma S
2.	Project Flow	-	AnandaKumar A Hari Deevagan M Bramma S
3.	Project Structure	-	AnandaKumar A Praveen T
4.	Prerequisites	-	AnandaKumar A Praveen T Hari Deevagan M Bramma S
5.	Prior Knowledge	-	AnandaKumar A
6.	Dataset Collection	Download the Datasets	AnandaKumar A Praveen T Hari Deevagan M Bramma S

7.	Image Processing	Import the Image Data Generator Library	AnandaKumar A Bramma S
		Configure Image Data Generator Class	AnandaKumar A Hari Deevagan M
		Apply Image Data Generator functionality to Trainset and Testset	AnandaKumar A Praveen T
8.	Model Building	Import the Libraries	AnandaKumar A
		Initialize the Model	AnandaKumar A
		Adding CNN Layers	AnandaKumar A
		Adding dense Layers	AnandaKumar A
		Configure the learning process	AnandaKumar A
		Train the model	AnandaKumar A
		Save the Model	AnandaKumar A
		Test the Model	AnandaKumar A
9.	Application Building	Create HTML files	AnandaKumar A
		Build Python code	AnandaKumar A
		Run the App	AnandaKumar A
10.	Train the model on IBM	Register for IBM cloud	AnandaKumar A Praveen T Hari Deevagan M Bramma S
		Train the model on IBM Watson	AnandaKumar A Praveen T Hari Deevagan M Bramma S

11.	Ideation Phase	Literature Survey On The Selected Project & Information Gathering	AnandaKumar A
		Prepare Empathy Map	AnandaKumar A
		Ideation	AnandaKumar A
12.	Project Design Phase - I	Proposed Solution	AnandaKumar A Praveen T
		Problem Solution Fit	AnandaKumar A Praveen T
		Solution Architecture	AnandaKumar A Praveen T Hari Deevagan M Bramma S
13.	Project Design Phase - II	Customer Journey	AnandaKumar A
		Functional requirement	AnandaKumar A
		Data Flow Diagrams	AnandaKumar A
		Technology Architecture	AnandaKumar A
14.	Project Planning Phase	Prepare Milestones & Activity List	AnandaKumar A
		Sprint Delivery Plan	AnandaKumar A
15.	Project Development Phase	Project Development – Delivery of Sprint – 1	AnandaKumar A
		Project Development – Delivery of Sprint – 2	AnandaKumar A
		Project Development – Delivery of Sprint – 3	AnandaKumar A Praveen T
		Project Development – Delivery of Sprint - 4	AnandaKumar A