

Project Planning Phase

Project Planning (Milestones & Activity list)

Date	29 October 2022
Team ID	PNT2022TMID05778
Project Name	Classification of Arrhythmia by Using Deep Learning with 2-D ECG Spectral Image Representation

Milestones	Activities	Description
Ideation phase	literature	Literature survey on the selected project & information gathering

	Empathy Map	Prepare empathy map to capture the user pains & gains, prepare list of problem statement
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Remaining tasks (Milestones & Activities) to be completed

Milestones	Activities
Project development phase	Delivery of sprint- 1,2,3,4
Create and configure and IBM cloud services	Create IBM Watson
Create and access deep learning	Create v1 to interact with app deploy
	Create IBM and connect with python
Create & database in cloudant DB	Launch the cloudant DB and Create database
Develop the python flask	Install the python software
	Develop python code
Create the web application	Develop the web application
	To intensity and showcase on open CV window

Finished Tasks (Milestones & Activities)

	Ideation	Organizing the brainstorming session and priorities the top 3 ideas based on feasibility & importance
Project design phase I	Proposed solution	Prepare proposed solution document which includes novelty, feasibility of ideas, business model, social impact, scalability of solution

	Problem solution fit	Prepare solution fit document
	Solution Architecture	Prepare solution architecture document
Project Design Phase II	Customer journey	Prepare customer journey map to understand the user interaction & experience with the application
	Functional requirement	Prepare functional & non functional requirement document
	Data flow diagram	Prepare Data flow Diagram
	Technology Architecture	Draw the technology architecture diagram
Project planning phase	Milestones & Activity list	Prepare milestones and activity list of the project
	Sprint delivery plan	Prepare sprint delivery plan
Create and configure and IBM cloud services	Create IBM cloud account	IBM cloud account created successfully by all the members