Milestone and activity list

Date	22 October 2022
Team ID	PNT2022TMID53274
Project Members	Sidharth B, Pandiyarasan D, Alagappan.s, Kavin Raj S
Project Name	Visualizing and Predicting Heart Diseases with an Interactive Dash Board
Project mentors	Industry mentor - Mahidhar, Saumya Faculty mentor – Dr. Mohanavalli S

Activity number	Activity name	Detailed activity description	Assigned to
1	Preparation Phase	• Access the resources (courses) in project dashboard • Access the guided project workspace • Create GitHub account & collaborate with Project Repository in project workspace • Set-up the Laptop / Computers based on the prerequisites for each technology track	Sidharth B, Pandiyarasan D, Alagappan.s, Kavin Raj S
2	Ideation Phase		
2.1	Literature survey	Literature survey on the selected project & Information Gathering	Sidharth B, Pandiyarasan D, Alagappan.s, Kavin Raj S
2.2	Define a problem statement	Prepare the list of problem statements to understand the user needs	Pandiyarasan D, Alagappan.s
2.3	Empathy Map	Preparation of Empathy Map Canvas to capture the user Pains & Gains	Sidharth B, Pandiyarasan D

2.4	Brainstorm & idea prioritization	List the ideas by organizing the brainstorming session and prioritize the top 3 ideas based on the feasibility & importance	Sidharth B
3	Project Design Phase -I		

Activity number	Activity name	Detailed activity description	Assigned to
3.1	Proposed Solution	Preparation of proposed solution document, which includes the novelty, feasibility of idea, business model, social impact, scalability of solution	Pandiyarasan D, Alagappan.s
3.2	Problem Solution Fit	Prepared problem is analysed and make effective solutions for the problem	Pandiyarasan D, Alagappan.s
3.3	Solution Architecture	Prepare an architecture for solution	Sidharth B, Pandiyarasan D, Alagappan.s
4	Project Design Phase - II		
4.1	Requirement Analysis	Prepare the Functional Requirement and Non- Functional Document	Sidharth B, Pandiyarasan D,
4.2	Customer Journey	Preparation of customer journey maps to understand the user interactions & experiences with the application (entry to exit)	Pandiyarasan D, Alagappan.s
4.3	Data Flow Diagrams	Prepare a Data Flow Diagram for Project use level0 (Industry Standard)	Alagappan.s, Kavin Raj S
4.4	Technology Architecture	Prepare Technology Architecture of the solution	Sidharth B, Pandiyarasan D, Alagappan.s, Kavin Raj S

5	Project Planning Phase		
5.1	Milestones & Tasks	Prepare Milestone & Activity List	Pandiyarasan D, Alagappan.s
5.2	Sprint Schedules	Prepare Sprint Delivery Plan	Sidharth B, Pandiyarasan D, Alagappan.s, Kavin Raj S
6	Project Development Phase		
Activity number	**Activity name**	**Detailed activity description**	**Assigned to**
6.1	Coding & Solutioning	Sprint-1 Delivery: Develop the Code, Test and push it to GitHub.	Sidharth B, Pandiyarasan D, Alagappan.s, Kavin Raj S
6.2	Acceptance Testing	Sprint-2 Delivery: Develop the Code, Test and push it to GitHub. Sprint-3 Delivery: Develop the Code, Test and push it to GitHub.	Sidharth B, Pandiyarasan D, Alagappan.s, Kavin Raj S
6.3	Performance Testing	Sprint-4 Delivery: Develop the Code, Test and push it to GitHub.	Sidharth B, Pandiyarasan D, Alagappan.s, Kavin Raj S

Milestone with timeline chart:

Empathy Map,
Literature survey,
Brainstorm & idea
prioritization, Problem
statement

Solution architecture,
Problem solution fit

Solution requirement

Milestone & activity ,
Sprint delivery plan

Sprint 2

Sprint 4

13 SEP

24 Sep

8 oct

15 oct

29 oct

12 nov

22 AUG

17 Sep

1 oct

13 oct

22 oct

5 nov

19 nov

Git colab

Proposed solution

Customer journey map

Technology stack

Sprint 1

Sprint 3