

### Milestone and activity list

Date	22 October 2022
Team ID	PNT2022TMID53250
Project Members	Bharanidharan S, Elakkiya S, Pooja T S, Reethika S
Project Name	Visualizing and Predicting Heart Diseases with an Interactive Dash Board
Project mentors	Industry mentor - Mahidhar, Saumya Faculty mentor – Dr. Arulkumar Venkatachalam

Activity number	Activity name	Detailed activity description	Assigned to
<b>1</b>	Preparation Phase	<ul style="list-style-type: none"> <li>• Access the resources (courses) in project dashboard</li> <li>• Access the guided project workspace</li> <li>• Create GitHub account &amp; collaborate with Project Repository in project workspace</li> <li>• Set-up the Laptop / Computers based on the prerequisites for each technology track</li> </ul>	Bharanidharan S, Elakkiya S, Pooja T S, Reethika S
<b>2</b>	Ideation Phase		
<b>2.1</b>	Literature survey	Literature survey on the selected project & Information Gathering	Elakkiya S
<b>2.2</b>	Define a problem statement	Prepare the list of problem statements to understand the user needs	Reethika S
<b>2.3</b>	Empathy Map	Preparation of Empathy Map Canvas to capture the user Pains & Gains	Pooja T S

<b>2.4</b>	Brainstorm & idea prioritization	List the ideas by organizing the brainstorming session and prioritize the top 3 ideas based on the feasibility & importance	Bharanidharan S, Elakkiya S, Pooja T S, Reethika S
<b>3</b>	Project Design Phase -I		

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

<b>5</b>	Project Planning Phase		
<b>5.1</b>	Milestones & Tasks	Prepare Milestone & Activity List	Bharanidharan S ,Reethika S
<b>5.2</b>	Sprint Schedules	Prepare Sprint Delivery Plan	Elakkiya S, Pooja T S
<b>6</b>	Project Development Phase		
<b>Activity number</b>	<b>Activity name</b>	<b>Detailed activity description</b>	<b>Assigned to</b>
<b>6.1</b>	Coding & Solutioning	Sprint-1 Delivery: Develop the Code, Test and push it to GitHub.	Bharanidharan S, Elakkiya S, Pooja T S, Reethika S
<b>6.2</b>	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.	Bharanidharan S, Elakkiya S, Pooja T S, Reethika S
<b>6.3</b>	Performance Testing	Sprint-4 Delivery: Develop the Code, Test and push it to GitHub.	Bharanidharan S, Elakkiya S, Pooja T S, Reethika S

**Milestone with timeline chart:**

