

### Milestone and activity list

Date	22 October 2022
Team ID	PNT2022TMID36371
Project Name	Project – Visualizing and predicting heart disease with an interactive dashboard

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>	P. Kevin Daniel, S. Jothi Lingam, E. Gunaseelan, G. Karthick, G. Karthick.
<b>2</b>	<b>Ideation Phase</b>		
<b>2.1</b>	Literature survey	Literature survey on the selected project & Information Gathering	P. Kevin Daniel, S. Jothi Lingam, E. Gunaseelan, G. Karthick, G. Karthick.
<b>2.2</b>	Define a problem statement	Prepare the list of problem statements to understand the user needs	P. Kevin Daniel, S. Jothi Lingam, E. Gunaseelan, G. Karthick, G. Karthick.
<b>2.3</b>	Empathy Map	Preparation of Empathy Map Canvas to capture the user Pains & Gains	P. Kevin Daniel, S. Jothi Lingam, E. Gunaseelan, G. Karthick, G. Karthick.
<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	P. Kevin Daniel, S. Jothi Lingam, E. Gunaseelan, G. Karthick, G. Karthick.

Activity number	Activity name	Detailed activity description	Assigned to
<b>3</b>	<b>Project Design Phase I</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	P. Kevin Daniel, S. Jothi Lingam, E. Gunaseelan, G. Karthick, G. Karthick.
<b>3.2</b>	Problem Solution Fit	Prepared problem is analyzed and make effective solutions for the problem	P. Kevin Daniel, S. Jothi Lingam, E. Gunaseelan, G. Karthick, G. Karthick.
<b>3.3</b>	Solution Architecture	Prepare an architecture for solution	P. Kevin Daniel, S. Jothi Lingam, E. Gunaseelan, G. Karthick, G. Karthick.
<b>4</b>	<b>Project Design Phase II</b>		
<b>4.1</b>	Requirement Analysis	Prepare the Functional Requirement and Non- Functional Document	P. Kevin Daniel, S. Jothi Lingam, E. Gunaseelan, G. Karthick, G. Karthick.
<b>4.2</b>	Customer Journey	Preparation of customer journey maps to understand the user interactions & experiences with the application (entry to exit)	P. Kevin Daniel, S. Jothi Lingam, E. Gunaseelan, G. Karthick, G. Karthick.
<b>4.3</b>	Data Flow Diagrams	Prepare a Data Flow Diagram for Project use level 0 (Industry Standard)	P. Kevin Daniel, S. Jothi Lingam, E. Gunaseelan, G. Karthick, G. Karthick.
<b>4.4</b>	Technology Architecture	Prepare Technology Architecture of the solution	P. Kevin Daniel, S. Jothi Lingam, E. Gunaseelan, G. Karthick, G. Karthick.
<b>5</b>	<b>Project Planning Phase</b>		
<b>5.1</b>	Milestones & Tasks	Prepare Milestone & Activity List	P. Kevin Daniel, S. Jothi Lingam, E. Gunaseelan, G. Karthick, G. Karthick.
<b>5.2</b>	Sprint Schedules	Prepare Sprint Delivery Plan	P. Kevin Daniel, S. Jothi Lingam, E. Gunaseelan, G. Karthick, G. Karthick.

<b>6</b>	<b>Project Development Phase</b>		
<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.	P. Kevin Daniel, S. Jothi Lingam, E. Gunaseelan, G. Karthick, G. Karthick.
<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.	P. Kevin Daniel, S. Jothi Lingam, E. Gunaseelan, G. Karthick, G. Karthick.
<b>6.3</b>	Performance Testing	Sprint-4 Delivery: Develop the Code, Test and push it to GitHub.	P. Kevin Daniel, S. Jothi Lingam, E. Gunaseelan, G. Karthick, G. Karthick.

**Milestone with timeline chart:**

