**Milestone and activity list**

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| 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 |

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| **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 | Bharanidharan S, Elakkiya S, Pooja T S, Reethika S |
| **2** | Ideation Phase |  |  |
| **2.1** | Literature survey | Literature survey on the selected project & Information Gathering | Elakkiya S |
| **2.2** | Define a problem statement | Prepare the list of problem statements to understand the user needs | Reethika S |
| **2.3** | Empathy Map | Preparation of Empathy Map Canvas to capture the user Pains & Gains | Pooja T S |
| **2.4** | 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 |
| **3** | Project Design Phase -I |  |  |

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| **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 | Reethika S,Elakkiya S |
| **3.2** | Problem Solution Fit | Prepared problem is analysed and make effective solutions for the problem | Bharanidharan S, Pooja T S |
| **3.3** | Solution Architecture | Prepare an architecture for solution | Bharanidharan S, Elakkiya S, Pooja T S, Reethika S |
| **4** | Project Design Phase -  II |  |  |
| **4.1** | Requirement Analysis | Prepare the Functional Requirement and Non- Functional Document | Pooja T S |
| **4.2** | Customer Journey | Preparation of customer journey maps to understand the user interactions & experiences with the application (entry to exit) | Bharanidharan S |
| **4.3** | Data Flow Diagrams | Prepare a Data Flow Diagram for Project use level0 (Industry Standard) | Reethika S |
| **4.4** | Technology Architecture | Prepare Technology Architecture of the solution | Bharanidharan S, Elakkiya S, Pooja T S, Reethika S |
| **5** | Project Planning Phase |  |  |
| **5.1** | Milestones & Tasks | Prepare Milestone & Activity List | Bharanidharan S ,Reethika S |
| **5.2** | Sprint Schedules | Prepare Sprint Delivery Plan | Elakkiya S, Pooja T 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. | Bharanidharan S, Elakkiya S, Pooja T S, Reethika 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. | Bharanidharan S, Elakkiya S, Pooja T S, Reethika S |
| **6.3** | 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:**

