# Milestone & Activity List

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| Date | 22 October 2022 |
| Team ID | PNT2022TMID29954 |
| Project Name | Project - Visualizing and Predicting Heart Diseases with an Interactive Dashboard |
| Maximum Marks | 2 Marks |

| Project Name | Visualizing and Predicting Heart Diseases with an Interactive Dashboard | Date | 22-10-2022 |
|---|---|---|---|
| Team ID | PNT2022TMID29954 | Team Members | 4 |

| Activity Number | Activity Name | Detailed Activity Description | Assigned To | Status / Comments |
|---|---|---|---|---|
| 1 | Preparation Phase | • Access the resources (courses) in project dashboard<br>• Access the guided project workspace<br>• Create GitHub account & collaborate with Project Repository in project workspace<br>• Set-up the Laptop / Computers based on the prerequisites for each technology track | DIVYA G, TASMIYA S, BRINDHA N, DIVYABALA C | It refers to done the listed activitiesin the preparation phase and done Prerequisites, Registration, Environment setup |
| 2 | Ideation Phase | • Literature survey on the selected project & Information Gathering<br>• Preparation of Empathy Map Canvas to capture the user Pains & Gains, Prepare list of problem statements<br>• List the ideas by organizing the brainstorming session and prioritize the top 3 ideas based on the feasibility & importance | DIVYA G, TASMIYA S, BRINDHA N, DIVYABALA C | The activities in ideation phase refers towhen gathering the ideafor project information and picturize in Empathy map |
| 3 | Project Design Phase -I | | | |

| 3.1 | Proposed Solution | Preparation of proposed solution document, which includes the novelty, feasibility of idea, business model, social impact, scalability of solution | DIVYA G, TASMIYA S, BRINDHA N, DIVYABALA C | The solution for the project is prepared as astandard document structure from Team members |
|---|---|---|---|---|
| 3.3 | Solution Architecture | Prepare an architecture for solution | DIVYA G, TASMIYA S, BRINDHA N, DIVYABALA C | Suitable block diagram template used to prepare Solution architecture |
| 4 | Project DesignPhase -II | | | |
| 4.1 | Requirement Analysis | Prepare the Functional Requirement and Non Functional Document | DIVYA G, TASMIYA S, BRINDHA N, DIVYABALA C | Listing of functional and non-functional requirements of project. |
| 4.2 | Customer Journey | Preparation of customer journey maps to understand the user interactions & experiences with the application (entry to exit) | DIVYA G, TASMIYA S, BRINDHA N, DIVYABALA C | Customer journey map prepared by suitable template by team members. |
| 4.3 | Data Flow Diagrams | Prepare a Data Flow Diagram for Project use level 0(Industry Standard) | DIVYA G, TASMIYA S, BRINDHA N, DIVYABALA C | Use suitable data flow diagram rulesand standards to prepare level 0 DFD |
| 4.4 | Technology Architecture | Prepare Technology Architecture of the solution | DIVYA G, TASMIYA S, BRINDHA N, DIVYABALA C | |
| 5 | Project PlanningPhase | | | |
| 5.1 | Milestones & Tasks | Prepare Milestone & Activity List | DIVYA G, TASMIYA S, BRINDHA N, DIVYABALA C | |

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| **5.2** | Sprint Schedules | Prepare Sprint Delivery Plan | DIVYA G, TASMIYA S, BRINDHA N, DIVYABALA C | |
| **6** | Project Development Phase | | | |
| **6.1** | Coding & Solutioning | Sprint-1 Delivery: Develop the Code, Test and push it to GitHub. | | |
| **6.2** | Acceptance Testing | • Sprint-2 Delivery: Develop the Code, Test and push it to GitHub.<br>• Sprint-3 Delivery: Develop the Code, Test and push it to GitHub. | | |
| **6.3** | Performance Testing | Sprint-4 Delivery: Develop the Code, Test and push it to GitHub. | | |

**Milestone:**

When project begins then it is expected that project related activities must be initiated. In project planning, series of milestones must be established. Milestone can be defined as recognizable endpoint of software project activity. At each milestone, report must be generated.

Milestone is distinct and logical stage of the project. It is used as signal post for project start and end date, need for external review or input and for checking budget, submission of the deliverable, etc. It simply represents clear sequence of events that are incrementally developed or build until project gets successfully completed. It is generally referred to as task with zero-time duration because they are used to symbolize an achievement or point of time in project. It helps in signifying change or stage in development.

## Milestone Timeline Chart