

MILESTONE AND ACTIVITYLIST

| | |
|---------------|--|
| Date | 18 November 2022 |
| Team ID | PNT2022TMID10901 |
| Project Name | Visualizing and Predicting Heart Diseases with an Interactive Dash Board |
| Maximum Marks | 2 Marks |

| Activity Number | Activity Name | Detailed Activity Description | Assigned To | Status / Comments |
|-----------------|--------------------------|---|--|---|
| 1 | Preparation Phase | <p>Access the resources (courses) in project dashboard</p> <p>Access the guided project workspace</p> <p>Create GitHub account & collaborate with Project Repository in project workspace</p> <p>Set-up the Laptop / Computers based on the prerequisites for each technology track</p> | <p>Mukunthan B</p> <p>Mathan C</p> <p>Sasi Kumaran T</p> <p>Srivijay B</p> | <p>It refers to done the listed activities in the preparation phase and done Prerequisites, Registration, Environment setup</p> |

| | | | | |
|---|----------------|---|--|--|
| 2 | Ideation Phase | <p>Literature survey on the selected project & Information Gathering</p> <p>Preparation of Empathy Map Canvas to capture the user Pains & Gains, Prepare list of problem statements List the ideas by organizing the brainstorming session and prioritize the top 3 ideas based on the feasibility & importance</p> | <p>Mukunthan B</p> <p>Mathan C</p> <p>Sasi Kumaran T</p> <p>Srivijay B</p> | <p>The activities in ideation phase refers to when gathering the idea for project information and picturize in Empathy map, referring the literature survey & brain storming the ideas for this project.</p> |
| | | | | |

| 3 | Project Design Phase -I | | | |
|-----|-------------------------|---|--|---|
| 3.1 | Proposed Solution | Preparation of proposed solution document,whichincludes the novelty, feasibility of idea,business model, social impact, scalability of solution | Mukunthan B Mathan C Sasikumaran T Srivijay B | The solution for theproject is prepared as a standard Document structure from team members. |
| 3.2 | Problem Solution fit | Preparation of problem solution fit | Mukunthan B Mathan C Sasikumaran T Srivijay B | Prepared problem isanalyzed and make effective solutions for the problems. |
| 3.3 | Solution Architecture | Prepare an architecture for solution | Mukunthan B Mathan C Sasikumaran T Srivijay B | Suitable block diagram template used to prepare the solution architecture |

| 4 | Project Design Phase -II | | | |
|-----|--------------------------|---|--|--|
| 4.1 | Requirement Analysis | Prepare the Functional Requirement and Non-Functional Document | Mukunthan B Mathan C Sasikumaran T Srivijay B | Listing of functional and non-functional Requirements of projects. |
| 4.2 | Customer Journey | Preparation of customer journey maps to understand the user interactions & experiences with the application (entry to exit) | Mukunthan B Mathan C Sasikumaran T Srivijay B | Customer journey A map prepared by suitable template by team members. |
| 4.3 | Data Flow Diagrams | Prepare a Data Flow Diagram for Project | Mukunthan B Mathan C Sasikumaran T Srivijay B | Use suitable data flow diagram rules and standards to prepare DFD |
| 4.4 | Technology Architecture | Prepare Technology Architecture of the solution | Mukunthan B Mathan C Sasikumaran T Srivijay B | We created architecture diagram and technologies used for this project. |

| 5 | Project planning phase | | | |
|-----|------------------------|-----------------------------------|--|---|
| 5.1 | Milestones & Tasks | Prepare Milestone & Activity List | Mukunthan B Mathan C Sasikumaran T Srivijay B | When project begins then it is expected that project related activities must be initiated. In project planning, series of milestones must be established. |
| 5.2 | Sprint Schedules | Prepare Sprint Delivery Plan | Mukunthan B Mathan C Sasikumaran T Srivijay B | In this, Product Backlog, Sprint Schedule for the Project are estimated. |

| | | | | |
|-----|----------------------------------|--|--|---|
| 6 | Project Development Phase | | | In this, we are going to develop & submit the developed code by testing it. |
| 6.1 | Coding & Solutioning | Sprint-1 Delivery: Develop the Code, Test and push it to GitHub. | Mukunthan B Mathan C Sasikumaran T Srivijay B | |
| 6.2 | Acceptance Testing | Sprint-2 Delivery: Develop the Code, Test and pushit to GitHub. Sprint-3 Delivery: Develop the Code, Test and pushit to GitHub. | Mukunthan B Mathan C Sasikumaran T Srivijay B | |
| 6.3 | Performance Testing | Sprint-4 Delivery: Develop the Code, Test and pushit to GitHub. | Mukunthan B Mathan C Sasikumaran T Srivijay B | |

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

