

**Problem Statement**

Visualizing and predicting heart disease  
with an interactive dashboard

**Team Id**

PNT2022TMID21560

**Ideation phase**

1. Problem Statement
2. Literature Survey
3. Empathy Map

In this phase, the problem statement is chosen as Visualizing and predicting heart disease with an interactive dashboard. Literature survey is conducted by collecting various journals regarding disease prediction for reference. Empathy Map is designed to know the about the individual patients type and specifications.

**Project Design**

4. Proposed solution document
5. Problem - solution fit and solution architecture
6. Customer journey maps
7. Functional Requirement document and Dataflow diagrams
8. Technology architecture of solution

In this phase,we have created a business model,solution architecture for our application. Also the customer journey map and data flow diagrams have been created and explained clearly to understand the user interactions and experiences with the application

**Project Planning**

9. Milestones and activity list - tasks
10. sprint delivery plan

In this phase, milestones such as selection of best algorithm etc., and tasks lists are identified and specifies to group members. Sprint delivery is done for iterative development of our project ideas sent to coding phase for further implementation

**Project Development**

11. Coding & solutioning
12. Acceptance testing
13. Performance Testing

In this phase,we would be doing the actual coding of our application,required for visualization,Testing done at differernt sprints, reviewing the code and sharing the inputs.Several functional and non-functional testings would be done.Ensuring the final submission of deliverables