

**Problem Statement**

**TEAM ID**

**VISUALIZING AND PREDICTING  
HEART DISEASE WITH AN  
INTERACTIVE DASHBOARD**

**PNT2022TMID21580**

**IDEATION PHASE**

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

The issue statement for this phase is "visualising and forecasting heart" sickness with an interactive dashboard. A literature review conducted by gathering various medical journals as a guide, make a prediction. Empathy Map is intended to learn about the person kind and requirements of patients.

**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

The business model and solution architecture for our application were developed at this phase. To comprehend how users engage with the application and their experiences with it, data flow diagrams and customer journey maps have also been built and properly explained.

**PROJECT PLANNING**

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

Milestones, such as choosing the best algorithm, are identified and communicated to the group members at this phase. Sprint delivery is completed for iterative development of our project ideas forwarded to the coding phase for additional execution.

**PROJECT DEVELOPMENT**

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

The real coding for our programme, which is necessary for visualisation, would be done in this phase. conducted testing, code review, and input exchange across various sprints. It would be tested both functionally and non-functionally. making sure deliverables are submitted in their final form