## **Project Design Phase Solution Architecture**

| Date          | 27 JUNE 2025               |
|---------------|----------------------------|
| Team ID       | LTVIP2025TMID32366         |
| Project Name  | Revolutionizing Liver Care |
| Maximum Marks | 4 Marks                    |

## **Solution Architecture:**

Solution architecture is a complex process – with many sub-processes – that bridges the gap between business problems and technology solutions. Its goals are to:

- Find the best tech solution to solve existing business problems.
- Describe the structure, characteristics, behavior, and other aspects of the software to project stakeholders.
- Define features, development phases, and solution requirements.
- Provide specifications according to which the solution is defined, managed, and delivered.

## **Example - Solution Architecture Diagram:**

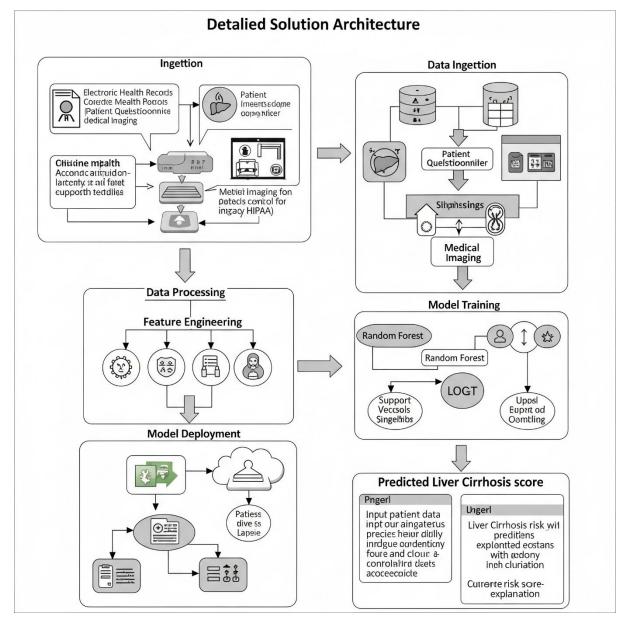


Figure 1: Architecture and data flow of the voice patient diary sample application

Reference: <a href="https://aws.amazon.com/blogs/industries/voice-applications-in-clinical-research-powered-by-ai-on-aws-part-1-architecture-and-design-considerations/">https://aws.amazon.com/blogs/industries/voice-applications-in-clinical-research-powered-by-ai-on-aws-part-1-architecture-and-design-considerations/</a>