

## Project Design Phase-I Solution Architecture

Date	31 OCT 2022
Team ID	PNT2022TMID41742
Project Name	AI Powered nutrition analyzer for fitness enthusiasts
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.
- The solution architecture is described in a document that specifies a certain level of vision for all current and further solutions.
- It can be viewed as a combination of roles ,process and communication that are intended to address specific business needs.

### Example - Solution Architecture Diagram:

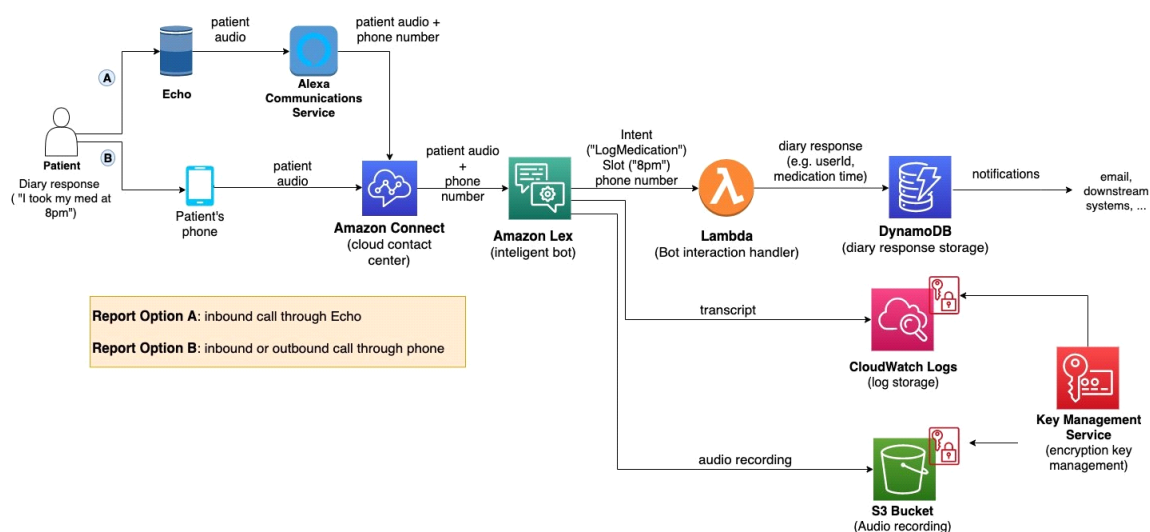


Figure 1: Architecture and data flow of the voice patient diary sample application

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