

Project Design Phase Solution Architecture

Date	26 June 2025
Team ID	LTVIP2025TMID33895
Project Name	GrainPalette: A DeepLean Odyssey in Rice Type Classification Through
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

- 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:

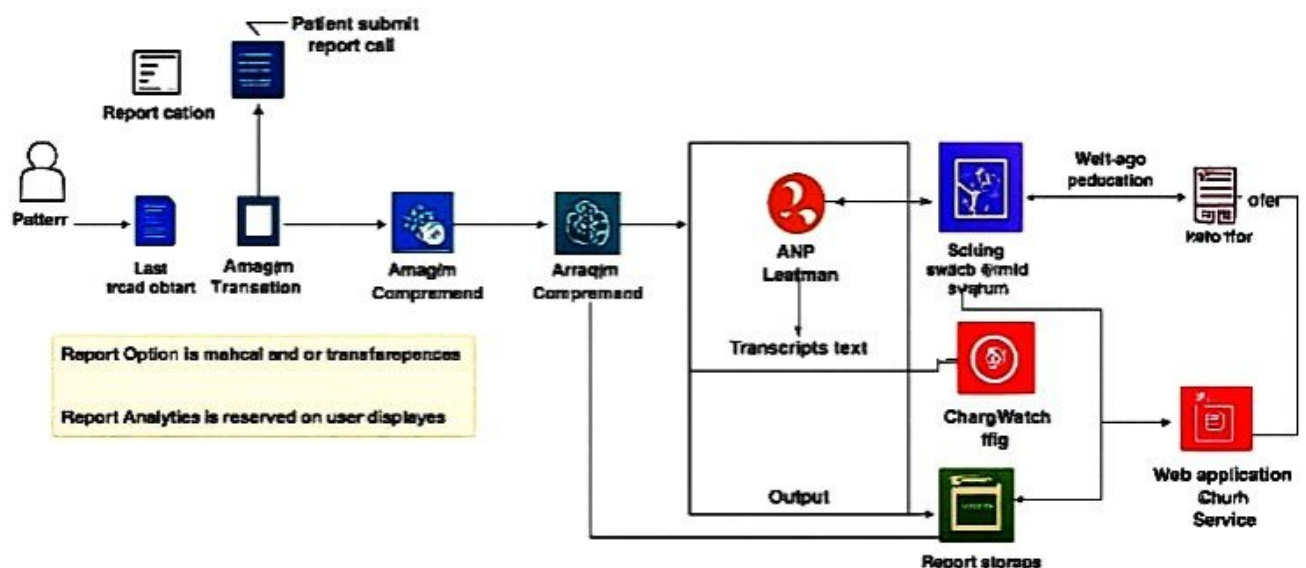


Figure 1: Architecture and data flow of the voice patient diary sample application

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