# Project Design Phase-I Solution Architectures

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| Date | 19 September 2022 |
| Team ID | PNT2022TMID41310 |
| Project Name | Deep Learning Fundus Image Analysis for Early Detection  of Diabetic Retinopathy |
| 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:

HZZO

Government Institution

Social instituion

Informational System



Medical Services

Influential interest groups



IBM Cloud Computing Web Portal

Communication Services

News and Events

Informational about volunteering

USER

Contact

*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-**](https://aws.amazon.com/blogs/industries/voice-applications-in-clinical-research-powered-by-ai-on-aws-part-1-architecture-and-design-considerations/)[**considerations/**](https://aws.amazon.com/blogs/industries/voice-applications-in-clinical-research-powered-by-ai-on-aws-part-1-architecture-and-design-considerations/)