

Project Design Phase - I

Solution Architecture

Date	03 November2022
Team ID	PNT2022TMID17252
Project Name	Smart Farmer-IoT Enabled Smart Farming Application
Maximum Marks	4 Marks

Solution Architecture:

A good solutions architect looks at the existing environment and analyzes what technologies are available and what software product must be developed to provide the best solution for the problem that needs to be solved. From there, the solutions architect creates an overall strategic technical vision—not unlike an architect designing a blueprint for a building. They develop a budget for producing a software product based on that vision.

After the stakeholders have agreed on the project, the solutions architect is responsible for monitoring the process and keeping stakeholders updated and informed on the progress. Most of the time, the project involves both technical and non-technical stakeholders, and the solutions architect must make sure that each party's needs are considered and factored into the project's scope.

A complicated process with numerous sub-processes, solution architecture connects business issues with technological solutions. Its objectives are to

1. Determine the appropriate technological solution to address current company issues.
2. Describe to project stakeholders the software's structure, traits, behaviour, and other features.
3. Specify the features, stages of development, and requirements for the solution.
4. Offer guidelines for the definition, administration, and delivery of the solution.

Solution Architecture Diagram :

