# Project Design Phase 1

**Solution Architecture**

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| Date | 17 October 2022 |
| Team ID | **PNT2022TMID40554** |
| Project Name | Estimation of crop yield using data analytics |
| Maximum Marks | 4 Marks |

# Solution Architecture:

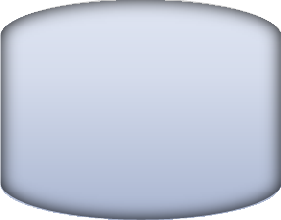
Solution architecture is a complex process – with many sub-processes – that bridgesthe gap between business problems and technology solutions. Its goals are to:

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

Crop production data

Loading the dataset

Data pre processing



DATABASE SERVER

Retrieving the dataset

DATA ANALYST

Analyse the important factors to increase crop yield

Identify the factors for poor crop yields

Analysis of parameter related to crop yield

