

Project Design Phase-I
Solution Architecture

Date	19 September 2022
Team ID	PNT2022TMID24172
Project Name	Essential Water Quality Analysis and Prediction using Machine learning
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.

Solution Architecture Diagram:

Figure 1: Architecture and data flow of water quality prediction application

