

## Project Design Phase-I Solution Architecture

Date	7 October 2022
Team ID	PNT2022TMID25834
Project Name	<b>SmartFarmer - IoT Enabled Smart Farming Application</b>
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:

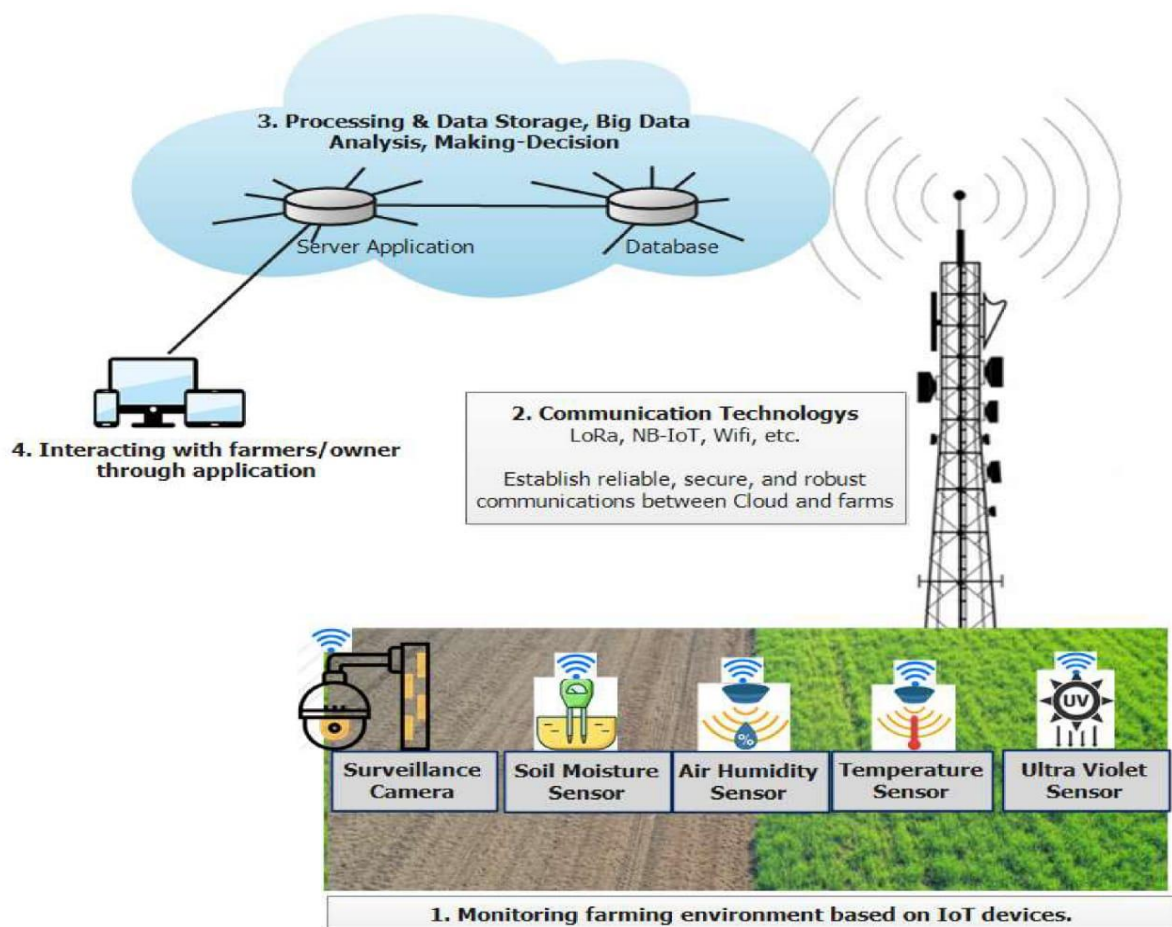


Figure 1: An illustration of IoT ecosystems' architecture for smart agriculture.



**Solution:**

A graphic for BizIntellia's Smart Farming IoT solution. The background shows a pair of hands holding a small green seedling in soil, with a network of white dots and lines overlaid on the soil. The BizIntellia logo is in the top left corner. The text "SMART FARMING: A COMPREHENSIVE IoT SOLUTION FOR AGRICULTURE MONITORING" is prominently displayed in the center. At the bottom, there is a row of four small icons: an apple, a plant with a magnifying glass, a leaf with a gear, and a plant with a Wi-Fi symbol.

**BizIntellia**  
An end-to-end IoT Solution

# SMART FARMING:

A COMPREHENSIVE  
**IoT SOLUTION**  
FOR AGRICULTURE  
MONITORING

Icons at the bottom: Apple, Plant with magnifying glass, Leaf with gear, Plant with Wi-Fi symbol.

**Reference:** <https://www.mdpi.com/2076-3417/12/7/3396>