## **SOLUTION ARCHITECTURE**



USABILITY

Agricultural sensors help the farmers by providing information
on pressure, humidity temperature and also provide data that helps farmers to monitor and optimize
crops with environmental conditions and challenges.

RELIABILITY
Reliability requirements were solved using linear programming and evaluated with different demands and protection schemes. Results show that protection schemes guarantee high reliability.

FUNCTIONALITY

This technology maximizes irrigation efficiency by reducing waste water while maintaining plant health and quality. This system consists of a water pump that sprinkles water based on the data produced by sensors about moisture, and tem This helps in saving water.

# **GRAPH**

