

## Assignment No. 1

- 1) Define a problem Statement and give a brief Executive Summary Snapshot.
- A] Executive Summary
  - B] Project Description.
  - C] Project Scope.



"FarmVima"

### A] Executive Summary Snapshot :-

The Vima Software development project aims to create a Comprehensive digital solution to enhance agricultural efficiency and productivity. The Software Will offer advanced tools For Farm management, Crop monitoring, and data analysis, catering to modern Farming needs. The goal is to provide Farmers with a user-Friendly platform that integrates real-time data and analytics to optimize Farming practices and decision-making.

### B] Project Description :-

The Vima Software project Focuses On developing a versatile platform designed to Support Various aspects Of Farm management. This includes Features For monitoring Crop health, managing resources, Scheduling tasks, and analyzing performance metrics. The Software will leverage

technologies such as IoT sensors and data analytics to provide actionable insights and improve overall Farm operations.

### C] Project Scope :-

The project scope includes :

- 1] Requirements Gathering :- Identifying the needs of Farmers and stakeholders to define core Features and Functionalities.
- 2] Design and Development :- Creating an intuitive user interface and backend system to support Farm management tasks.
- 3] Integration :- Implementing Connectivity With IoT devices For real-time data Collection and analysis.
- 4] Testing :- Conducting thorough testing phases to ensure Software reliability and accuracy.
- 5] Deployment :- Rolling out the software For initial use and providing ongoing support and updates.
- 6] Training and Support :- offering training sessions For users and establishing a support system For troubleshooting and assistance.

This scope ensures the development of a robust tool that aligns with modern agricultural practices and enhances Farm productivity.