

Assignment : 1

Define a Problem Statement & give a brief executive Summary Snapshot.

- [A] Executive Summary
- [B] Project Description
- [C] Project Scope.

[A] Executive Summary :

Farmers face challenges in managing agricultural operations effectively due to limited access to real-time data and outdated farming techniques. This Project Proposes the development of a digital platform designed to address these issues by providing ~~to~~ a real-time weather information, soil health monitoring, and Crop management tools. The objective is to enhance productivity, reduce costs, and Promote Sustainable Farming Practices.

[B] Project Description :

The Project focuses on Creating a comprehensive digital platform Specifically for Farmers. This platform will offer features such as: weather forecasting ; Real-time weather updates to help farmers Plan their activities.

Soil Health monitoring: Tools to assess soil conditions and recommend necessary interventions.

Crop management: Guidance on planting, Pest Control, and harvesting to maximize yield.

(c) Project Scope :

Platform Development : Design and build a user-friendly digital Platform with the necessary modules for weather, Soil Crop management, and resource optimization. integration :

Ensure the Platform integrates with various data sources including sensors and existing farming systems.

Deployment : Expand the platform's availability to a wider audience based on the results from pilot testing.

Support and maintenance : Provide ongoing technical support and regular updates to ensure the platform remains effective and relevant.