Basic Details of the Team and Problem Statement

Team Name: **AGROAESTHETES**

Idea Title: **AGRIVALUE HUB: BOOSTING FARMER INCOME & LOCAL TRADE**

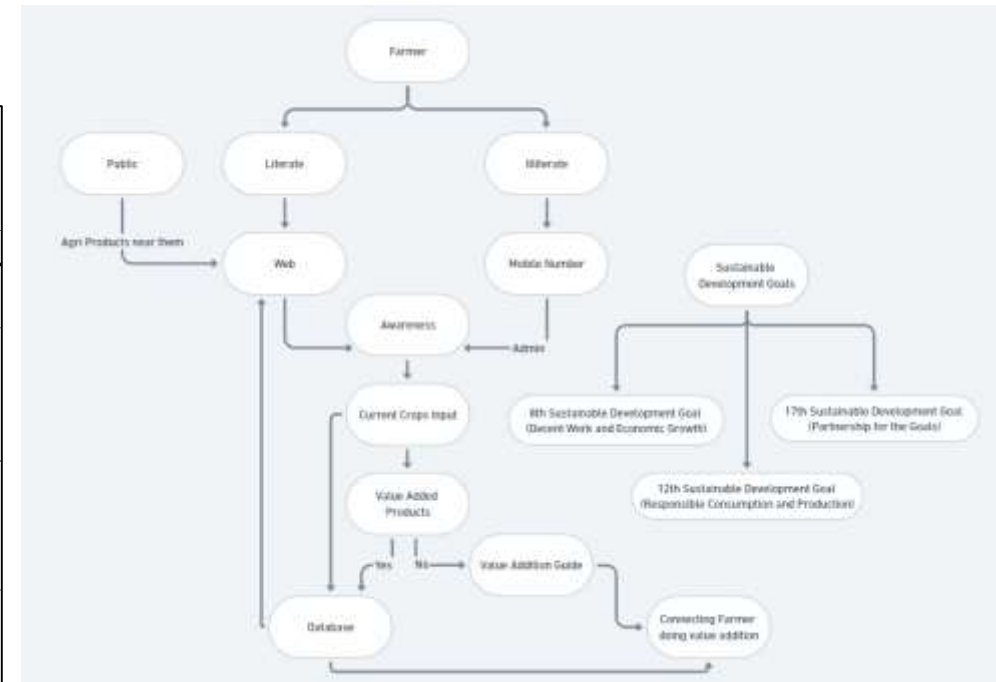Team Leader Name: **SARATH P**

Domain Name: **AGRICULTURE**

Problem Statement: **Small-scale farmers face challenges in sustainable incomes due to market volatility, limited knowledge, and barriers. A platform bridging traditional farming methods and modern market demands is needed.**

Idea/Approach Details

Describe your idea/Solution/Prototype here:

- We are developing a web application that creates awareness among the farmers on how to add value to their products, connects them with experienced peers for knowledge sharing to add value, and lists the farmers' products in public so anyone in need could approach them.

- Our system creates awareness among the farmers about value-added products and their benefits and provides them with step-by-step procedures to achieve it.

- Also it connects the farmers those who are new to value addition with experienced peers for mentorship and exchange of best practices near their location.

- Anyone can view the crops growing in particular places this might result in direct buying. Also, exporting companies might approach the farmer directly.

- A contact number will be available where farmers without internet knowledge can call and get help from one of us regarding value addition and other functions as well. Their details can also be entered in the database so that each and every farmer can be helped in listing their product and adding value to their crops.

- Also our system aligns with the 8th Sustainable Development Goal (Decent Work and Economic Growth), 12th Sustainable Development Goal (Responsible Consumption and Production) and 17th Sustainable Development Goal (Partnerships for the Goals).

Describe your Technology stack here:

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Idea/Approach Details

Describe your Use Cases here

Describe your Dependencies / Show stopper here

- **Producing and Marketing Value-Added Products:** Farmers utilize the platform to learn how to create and sell value added products.

- **Enabling Direct Farm-to-Consumer Sales:** The platform connects consumers directly with farmers, allowing for the purchase of fresh, local produce in offline, thereby supporting local agriculture and ensuring food quality.

- **Facilitating Farmer Collaboration and Knowledge Exchange:** It serves as a hub for farmers to connect and share insights and advice on best practices, innovative farming techniques, and value addition strategies, fostering community and innovation.

- **Assisting Farmers in Adapting to Market Price Fluctuations:** Offers resources for farmers to diversify their products or shift their focus when faced with unfavorable market prices, helping maintain stable incomes.

➤ **Dependencies:**
   1. Compliance with Standards
   2. Community Building
   3. Marketing and Awareness

➤ **Show stopper:**
   NONE

Team Member Details

Sr. No.	Name of Team Member	Branch (Btech/Mtech/PhD etc):	Stream (ECE, CSE etc):	Year	Position in team (Team Leader, Front end Developer, Back end Developer, Full Stack, Data base management etc.)
1	SARATH P	BSc	Information Technology	I	Team Leader, Designer
2	VISHNU K	MSc	Information Technology	I	Front-end Dev
3	LOGIDHA V	BSc	Information Technology	III	Back-end Dev
4	VIKAAS K S	BSc	Information Technology	I	Database Management

Team Mentor/s Details

Sl. No.	Name of Mentor	Category (Academic/Industry):	Expertise (AI/ML/Blockchain etc):	Domain Experience (in Years)
1	SRIDHAR M	Academic	IoT, Wireless Sensor Networks	2 Years