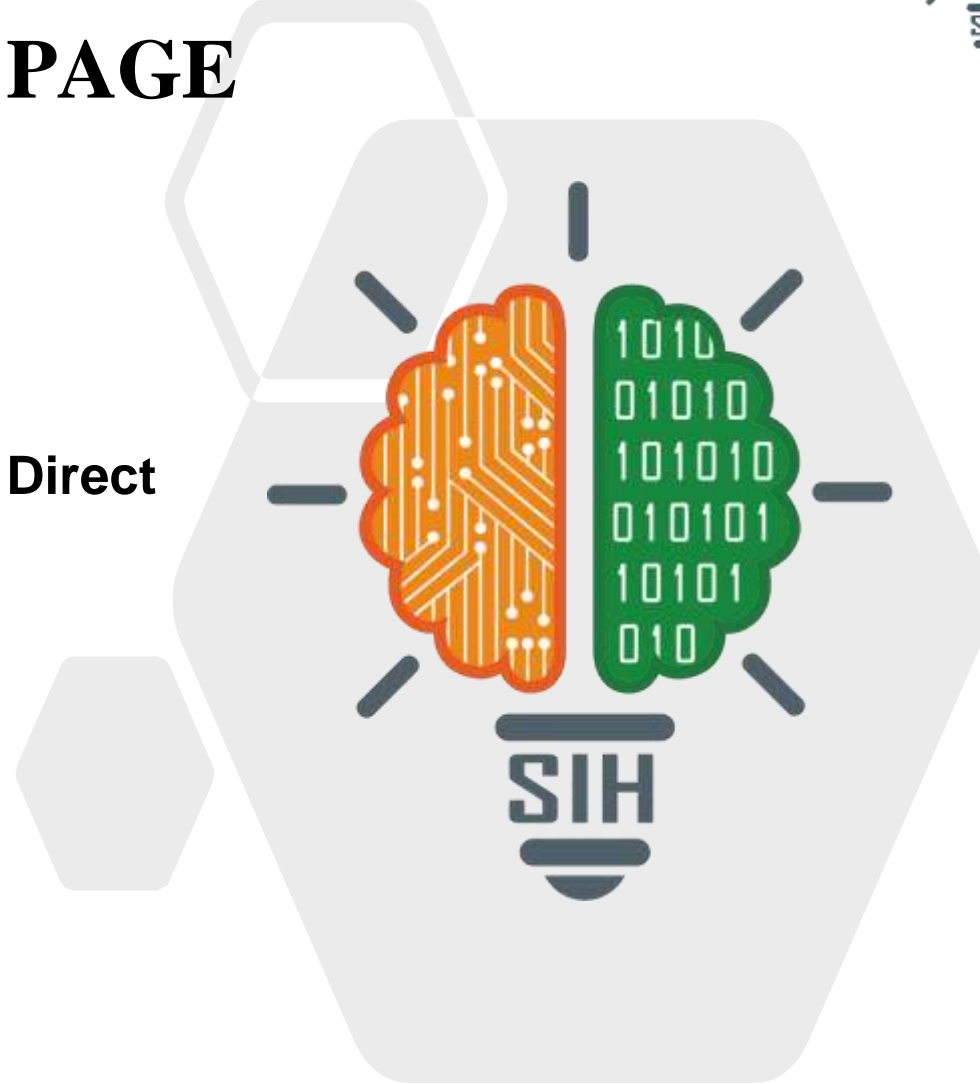


SMART INDIA HACKATHON 2024



TITLE PAGE

- **Problem Statement ID- 1637**
- **Problem Statement Title- Mobile App for Direct Market access for Formers.**
- **Theme- Agriculture , FoodTech & Rural Development**
- **PS Category- Software/Hardware**
- **Team ID-**
- **Team Name (Registered on portal)**



IDEA TITLE

❖ Proposed Solution (Describe your Idea/Solution/Prototype)

Solution Overview: The proposed solution is a smart mobile app designed for farmers, integrating AI for predictive pricing. It enables farmers to list products, negotiate prices, and manage logistics seamlessly, reducing reliance on middlemen.

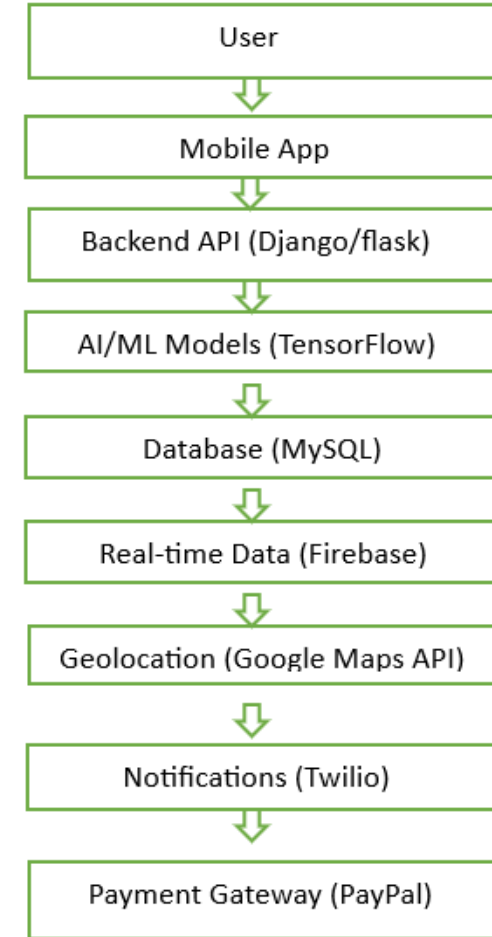
Problem Addressed: The app uses AI to predict market trends and suggest pricing, removing guesswork and dependence on intermediaries.

Innovation: The AI-driven, real-time pricing and market demand insights empower farmers to make informed decisions, a novel approach in agriculture.

TECHNICAL APPROACH



- **Technologies to be Used:** Python for backend AI algorithms and more..
- **Frameworks:** React Native for cross-platform compatibility and more..
- **Database:** mysql for managing data.



FEASIBILITY AND VIABILITY



Feasibility Analysis: The application is highly feasible due to advancements in AI and mobile technology. AI models can leverage existing market data for training, and the app is scalable to various regions and crops.

Challenges and Risks:

Data Availability: Accessing accurate market data for AI models.

User Adoption: Gaining farmers' trust in AI recommendations.

Infrastructure: Limited internet connectivity in rural areas.

Strategies:

Data: Partner with local markets for reliable data.

Training: Offer workshops and in-app tutorials for farmers.

Offline Use: Enable offline functionality with data syncing when connected

IMPACT AND BENEFITS



Potential Impact:

This solution empowers farmers to increase income by giving best pricing according to market and reducing reliance on middlemen.

Benefits:

Economic: Higher income via better market access and pricing and reducing reliance on middlemen.

Social: Farmer empowerment through technology, improving livelihoods.

Environmental: Supports sustainable farming with market-driven planting strategies.

Your
Team
Name

RESEARCH AND REFERENCES



- [An article discusses the challenges Indian farmers face in selling crops](#)