

Project Presentation on

Farm Bridge App

IV B.TECH. VIII SEMESTER

Department of Computer Science and Engineering



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Project Description

Aim

To create a transparent and efficient platform that connects farmers directly with consumers and retailers, ensuring fair pricing and reducing costs.

Domain

Agriculture & Food Supply Chain

Tech Stack

React Native, Node.js, PostgreSQL

Outcomes

Increased revenue for farmers, lower prices for consumers, improved food quality.



Stakeholders

Farmers

Faced with low prices, limited market access, and high transportation costs.

Consumers

Want fresh, affordable produce with transparency regarding origins.

Retailers

Seek reliable suppliers, competitive pricing, and efficient inventory management.

Literature Review



Supply Chain Transparency

Consumers demand more transparency in their food supply chains.



Direct-to-Consumer Models

Direct-to-consumer models can benefit both farmers and consumers.



Technology in Agriculture

Technology can be used to improve efficiency and sustainability in agriculture.



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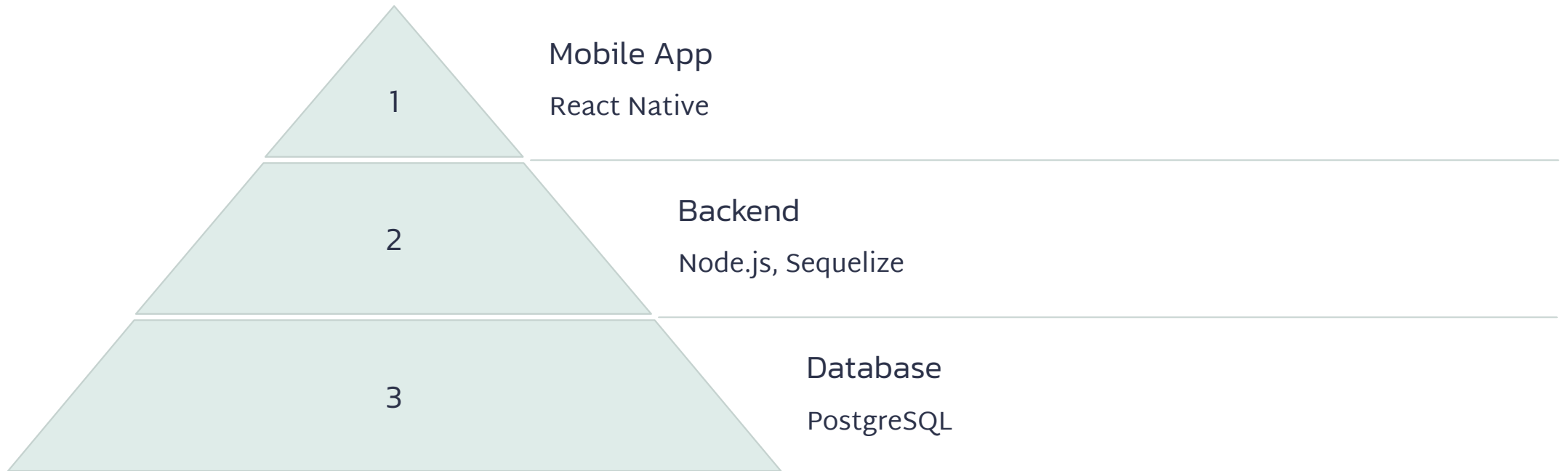
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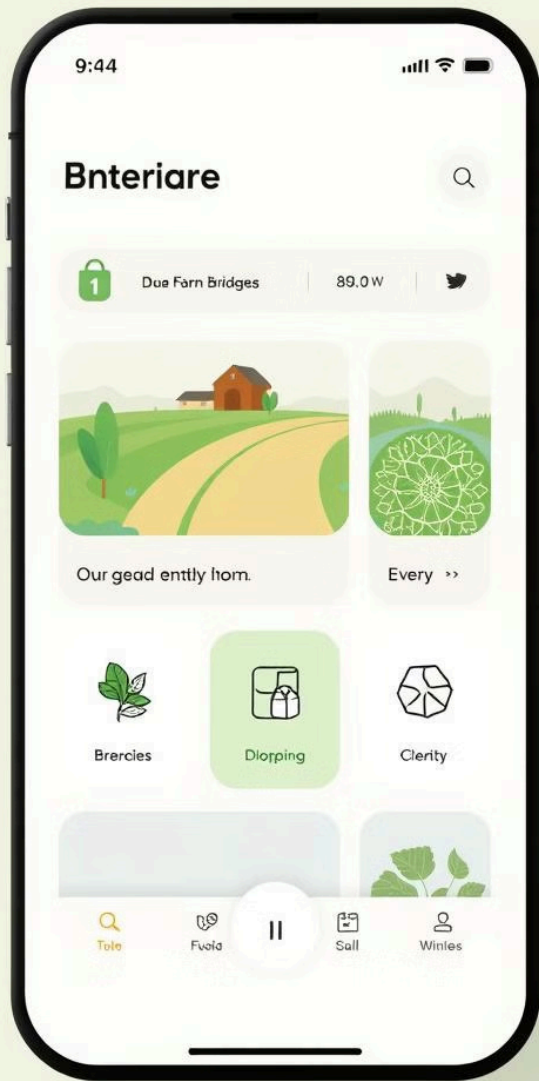


Methodology



System Architecture





Key Features



Geolocation

Find local farmers and retailers.



Messaging

Communicate with farmers and retailers.



Order Tracking

Track orders and deliveries.



Secure Payment

Process payments securely.

Conclusion

Farm Bridge empowers farmers, consumers, and retailers with a robust platform, promoting transparency, efficiency, and sustainability in the food supply chain. It's a step towards a more equitable and accessible food system.

Farm bridge

farm bridge.

