

## Product Tracking and Selling

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This project is aimed to connect farmers and customers without the involvement of a middle party, thereby high yield for farmers and fresh products for customers.

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### Steps to run the project:

1. Clone the project.
  2. Bootstrap network at Network folder. (**./startNetwork.sh**).
  3. Add wallets.
  4. Create a channel (**agrochannel**).
  5. Create gateways (**farmer, buyer**).
  6. Open Chaincode folder in VS Code, import smart contract. (**Chaincode**).
  7. Deploy chaincode.
  8. Open the root folder in VS Code.
  9. \$cd ProduceApp
  10. \$ nodemon start
  11. Open localhost:3000 in the browser.
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### Functionalities:

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Farmers :	Add a product, Delete a product, View all orders, Match oder, Delete order.
Buyers :	View the products, Create orders, View order details.

Once an order is matched by the farmer, the product & order is removed from the database.