

Implementing E-Commerce Mobile and Web Application for Agricultural Products: e-Farmers' Hut

*Why they conduct these Research?

In Bangladesh, the increased number of brokers has resulted in a price increase in the agricultural goods market. They acquire items from farmers at a discount and resell them to consumers at a premium. The application goal to maximize the advantages to producers and customers by eliminating middlemen's control.

*Research gap:

In Bangladesh has stablished online E-commerce site but they are for business purpose so they have not any nobelity . They have 3rd party agent but e farmers hut is fully consumers and farmers based. The whole ordering approaches is clear from beginning to finish.

Proposed System and design Architecture:

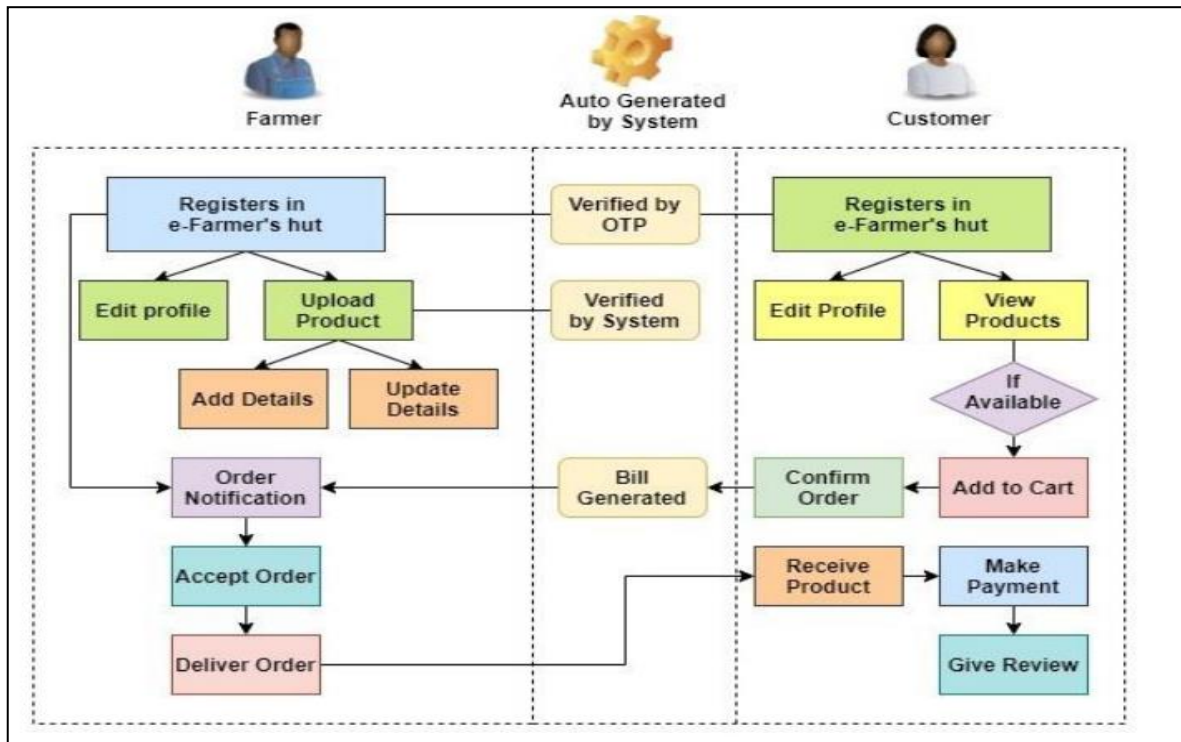


TABLE I. CASE STUDY: E-FARMERS HUT PROJECT TESTING

Case Study	Test Input	Expected Outcome	Obtain Outcome	Status
Farmer Registration Form	Personal Information (Like Name, Number)	Sign up for the system	Register Successfully	Pass
Registration of Consumers	Personal Information (Like Name, Number)	Sign up for the system	Register Successfully	Pass
Administrator	Username and Password	Login successfully and access the entire system	Successfully login and access the system	Pass
Create an account (Farmer and Producer)	Username and Password	Login into the system using proper permissions	Successful Login	Pass
Product Description	Name of the product, season, location, price, quantity, and category	Product successfully added	Added successfully	Pass
Add to Cart	Choose a product and a quantity	Successfully Place an Order	Successfully ordered	Pass
Payment Method	Mobile banking number, credit card information	Payment Completed	Payment Successful	Pass