Functional Requirements of FarmEase

Objective

"FarmEase" is an app designed exclusively for farmers, streamlining the process of purchasing farming equipment and tools. Farmers can easily browse through extensive catalogue of high-quality farming equipment, ranging from fertilizers to tractors. The app provides detailed descriptions, specifications and user reviews for each product, ensuring informed purchasing decisions.
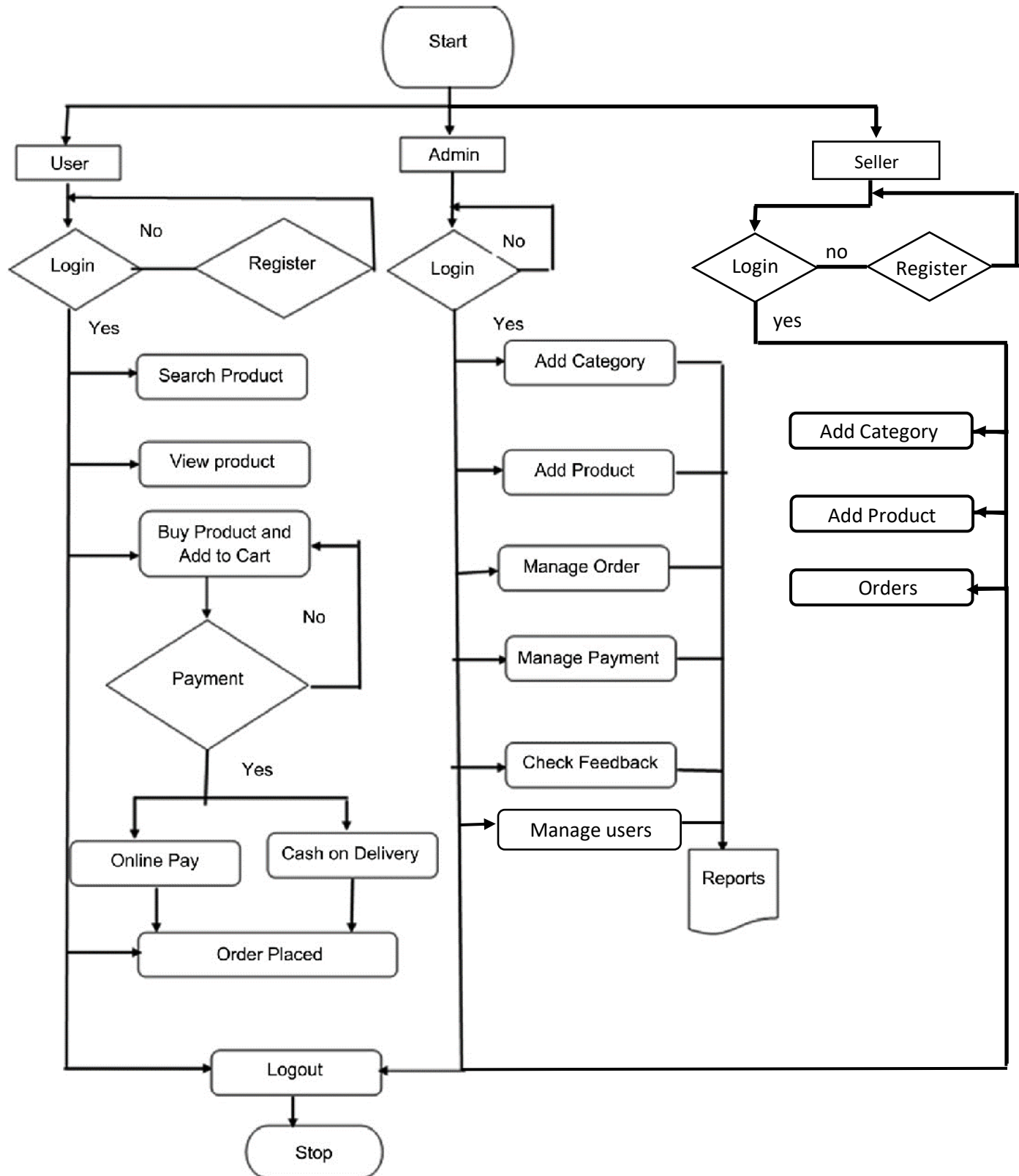
Features Supported in Website

Functions available for Admins are as follows:

1. Inventory Management
2. Agent Management

Functions available for Users are as follows:

1. Purchase Equipment's (Search for the required items/equipment's)
2. View delivery status (view_status)

WorkFow As Follows :

Start

User

Admin

Seller

No

Login → Register

No

Login

Login → no → Register

Yes

Yes

yes

Search Product

Add Category

Add Category

View product

Add Product

Add Product

Buy Product and Add to Cart

No

Manage Order

Orders

Payment

Manage Payment

Yes

Check Feedback

Online Pay

Cash on Delivery

Manage users

Reports

Order Placed

Logout

Stop

Features for Admin:

Login > Dashboard > Inventory Management

OR

Login > Dashboard > Agent Management

On the dashboard page provided for the admins, a list of Features available will be displayed in a tabular form. Each row will contain general information about each Feature.

Field Name	Description
Inventory Management	Allows the admin to add/edit items off the list
Agent Management	Allows the admin to Manage the equipment's agents

To Operate on the Policy:

1. To Add/Edit, select the Bike Management Buttons in the dashboard.
   All the related fields will appear on the screen as a form which has to be filled.

2. To Add/Update/ Delete a Agent, select the options filed with respect to the agent in the dashboard.

Click Back to Dashboard to navigate back to the dashboard

Features for Users:

Register/Login > Home > Search for desired tools>Select among the available stock >Display terms>proceed to payment>provide feedback>show status>receive the booking_id and details attached to it.

OR

Register/Login >Home > View farming_tools status >

Field Name	Description
Search tools	Display a list of Available tools for purchase and cost
View status of the item	Displays the information related to selected item

User's Interactions:

1. The user can search their desired tools/equipment's from the search bar of home page of the app.

2.List of available stock of the desired tools will be displayed which is sold by the particular agents.

3.User can select the desired tool of their respective price, read the tool description and feedbacks, and can either purchase or add the item to cart.

4. User need to input in their delivery address.

5. Once the user has moved on to the purchase section. They have to enter in the payment details of their desire. Either online payment or COD (cash on delivery) for that particular item. E-bill is also generated along with the purchase.

6. After the purchase, the user can check the status of the item through their app or can also opt for the cancellation of the item along with a particular reason.