Key Functionalities

1. User Management

- **Registration and Login (for all user roles)**

  o Consumers, Farm Owners, Admins, and Delivery Boys can register and log in.

  o Secure authentication ensures authorized access.

- **Role-Based Access Control**

  o Each user type has specific permissions:

    ▪ **Consumers**: Browse products, place orders, and leave reviews.

    ▪ **Farm Owners**: List farms, manage products, and handle orders.

    ▪ **Admins**: Manage users, farms, complaints, and ensure platform security.

    ▪ **Delivery Boys**: Handle delivery requests and update delivery statuses.

---

2. Farm Management

- **Farm Listing**

  o Farm Owners can add farms with details like name, location, and description.

- **Product Listing**

  o Owners can associate products with their farms, including pricing, availability, and product details.

---

3. Order Management

- **Placing Orders**

  o Consumers can browse products, select items, and place orders.

- **Order Tracking**

  o Consumers can track their order status in real-time (e.g., Placed → Preparing → Out for Delivery → Delivered).

- **Order Updates**

- o   Farm Owners can update order statuses (e.g., Accept/Reject orders).
- o   Delivery Boys can update delivery statuses.

---

4. Review and Rating System

- Consumers can rate and review farms and their products.
- Reviews are stored to enhance credibility and help others make informed decisions.

---

5. Farm Events

- Farm Owners can organize and promote farm visits, workshops, and local markets.
- Consumers can view these events and attend to engage with the farming community.

---

6. Delivery System

- **Assign Deliveries**
  - o   Orders accepted by farm owners are assigned to delivery boys for fulfillment.
- **Update Delivery Status**
  - o   Delivery personnel can update statuses such as "Out for Delivery" or "Delivered."

---

7. Admin Management

- Manage **users, farms, events, and complaints**.
- Ensure smooth platform functionality and security.

Functional Flow of the Farmfolio Project

1. User Registration & Login

- Users register according to their role (Consumer, Farm Owner, Admin, Delivery Boy).

- Secure login ensures access to role-specific features.

---

2. Browsing and Farm/Product Listing

- **Consumers**:
  - Browse farms and products with filters for categories, location, and ratings.
- **Farm Owners**:
  - Add/update farms and their product details for visibility.

---

3. Placing and Managing Orders

- **Consumers**:
  - Select products → Add to cart → Place order → Receive confirmation.
- **Farm Owners**:
  - Receive order requests → Accept/Reject orders → Update statuses.
- **Delivery Boys**:
  - Assigned accepted orders → Deliver products → Update delivery status.

---

4. Order Tracking

- Consumers track orders in real-time:
  - "Order Placed" → "Order Confirmed" → "Preparing" → "Out for Delivery" → "Delivered."

---

5. Ratings, Reviews, and Feedback

- After delivery, consumers can:
  - Leave a rating and review about the product, farm, or delivery experience.
- Reviews are displayed on the farm/product pages to enhance transparency.

---

6. Farm Events Management

- Farm Owners create and promote events (e.g., farm tours, workshops).

- Consumers can attend events to engage with local farms and explore products.

---

7. Admin Oversight

- Admins ensure smooth operations:
    - Handle complaints, disputes, and platform updates.
    - Manage all user roles and ensure data consistency.

Technological Overview

The system is built using:

- **Frontend**: HTML, CSS, JavaScript (for user interface).
- **Backend**: PHP (business logic, authentication, order handling).
- **Database**: MySQL (data storage and relationships).