**Key Functionalities**

**1. User Management**

* **Registration and Login (for all user roles)**
  + Consumers, Farm Owners, Admins, and Delivery Boys can register and log in.
  + Secure authentication ensures authorized access.
* **Role-Based Access Control**
  + 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**
  + Farm Owners can add farms with details like name, location, and description.
* **Product Listing**
  + Owners can associate products with their farms, including pricing, availability, and product details.

**3. Order Management**

* **Placing Orders**
  + Consumers can browse products, select items, and place orders.
* **Order Tracking**
  + Consumers can track their order status in real-time (e.g., Placed → Preparing → Out for Delivery → Delivered).
* **Order Updates**
  + Farm Owners can update order statuses (e.g., Accept/Reject orders).
  + 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**
  + Orders accepted by farm owners are assigned to delivery boys for fulfillment.
* **Update Delivery Status**
  + 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).