

# **Project Title**

## **Online Nursery Plant Selling Platform for Local Sellers**

### **Synopsis:**

#### **1. Introduction**

This project develops a web platform enabling local nurseries to sell plants online. It helps small nursery businesses grow their digital presence while providing customers with a convenient way to buy a variety of plants.

#### **2. Objectives**

- Connect local nurseries with online customers.
- Provide a centralized plant marketplace.
- Allow nurseries to manage inventory and orders.
- Enable secure plant purchasing with online payment.

#### **3. Key Features**

##### **Customer Panel**

- Browse/search plants by type, price, or category.
- View plant details, add to cart, checkout.
- Track orders and view purchase history.

##### **Seller Panel**

- Register/login as a nursery.
- Add/edit/remove plant listings.
- Manage stock and view orders.

##### **Admin Panel**

- Approve nurseries and monitor listings.
- Manage user accounts.
- View platform analytics.

## 4. Technology Stack

Component	Tools
Frontend	HTML, CSS, JavaScript / ReactJS
Backend	Node.js + Express.js
Database	MongoDB
Authentication	Firebase
Hosting	Vercel / Render/ Netlify
Payments	Razorpay

## 5. System Architecture

- **Model:** User, Product, Order Schemas
- **View:** Web UI (Responsive, Mobile-Friendly)
- **Controller:** Backend logic, API handling

## 6. Expected Outcome

- Functional online plant marketplace
- Dashboards for sellers and admins
- Secure and smooth plant buying process
- Digital upliftment of local nurseries

## 7. Future Scope

- Mobile App (Android/iOS)
- AI-based plant suggestion system
- Delivery tracking
- Plant care chatbot or blog

## Conclusion

The platform supports local nursery sellers by offering a digital storefront, enhances customer convenience, and promotes greener lifestyles through easy plant accessibility.