

## PLANT MANAGEMENT SYSTEM: ([LIVE HOSTING LINK: TO BE DETERMINED](#))

### **Main Categories in Shop:**

- HOUSE PLANTS (Low light, flowering, air-purifying etc.)
- OUTDOOR PLANTS (Flowers, In house bushes, small trees, herbs & shrubs etc.)
- UNIQUE PLANTS (unique or rare species)

### **Main Features in Shop:**

- 1- USER AUTHENTICATION (LOGIN)
- 2- TRACK PLANT QUANTITIES/STORAGE (Monitor Stocks)
- 3- ADD PLANTS TO STORAGE + SPECIE AND QUANTITY AND DATA
- 4- DELETE FROM STORAGE
- 5- VIEW STORAGE PLANTS
- 6- UPDATE RECORD (GROWTH, WATERING NEEDS, SUNLIGHT, REQUIREMENTS, FERTILIZER)
- 7- FILTER PLANTS
- 8- ANALYTICS OF OVERALL SALES OR THE PLANTS
- 9- GENERATE REPORT OF A SELECTED PLANT
- 10- CONFIGURE THE REQUIREMENTS (NEEDS)
- 11- SET REMINDERS (when is wearing deadline or etc.)

### **Additional handles in shop:**

- 12- Seeds and Fertilizers
- 13- Pots and Planters
- 14- Add custom offers!
- 15- Contact Me

### **User flow in wordings (STEPS):**

- 1. Before user logs in**
  - a. Landing page with intro and logo will be shown like header footer and main body with some intro type of thing. Try to use 3D models.
  - b. On nav panel there will HOME-ABOUT-PLANTS (show 3d samples only)-CONTACT
- 2. Login Authentication success:**
  - a. Main screen displayed to user. A hamburger hiding all the main features.
  - b. Just select and hit features according to it!
- 3. For now, I got these only, add MORE FLOWS if you think.**

## **DATABASE DESIGN:**

### **1. Users TABLE**

UserID (Primary Key)

Username

Password

Email

Role (e.g., admin, regular user)

### **2. Plants**

PlantID (Primary Key)

Name

CategoryID (Foreign Key referencing Categories table)

Description

Growth

WateringNeeds

SunlightRequirements

FertilizerRequirements

### **3. Categories**

CategoryID (Primary Key)

Name

#### **4. Storage**

StorageID (Primary Key)

UserID (Foreign Key referencing Users table)

PlantID (Foreign Key referencing Plants table)

Quantity

DateAdded

LastWatered

NextWateringDate

#### **5. Sales**

SaleID (Primary Key)

UserID (Foreign Key referencing Users table)

PlantID (Foreign Key referencing Plants table)

QuantitySold

SaleDate

#### **6. Reminders**

ReminderID (Primary Key)

UserID (Foreign Key referencing Users table)

ReminderText

ReminderDate

## **7. Offers**

OfferID (Primary Key)

OfferText

DiscountPercentage

ExpiryDate

## **8. ContactMe**

MessageID (Primary Key)

Name

Email

Message

## **9. Analytics (Optional)**

AnalyticsID (Primary Key)

TotalSales

MostSoldPlant

LeastSoldPlant

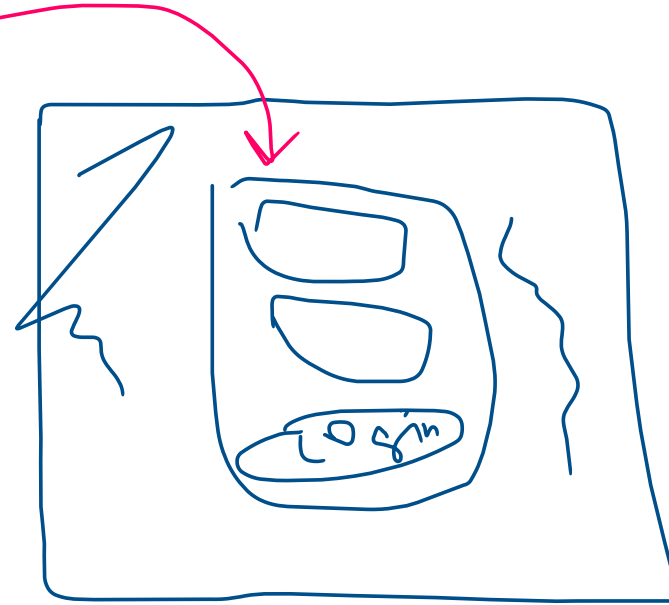
TotalUsers

LOW FIDELITY DESIGN:

Nav.  
Btn



Scroll



Menu

