**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 QUANTIES/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:***

1. Seeds and Fertilizers
2. Pots and Planters
3. Add custom offers!
4. Contact Me

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

1. **Before user logs in**
   1. 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.
   2. On nav panel there will HOME-ABOUT-PLANTS (show 3d samples only)-CONTACT
2. **Login Authentication success:**
   1. Main screen displayed to user. A hamburger hiding all the main features.
   2. 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)

1. **Plants**

PlantID (Primary Key)

Name

CategoryID (Foreign Key referencing Categories table)

Description

Growth

WateringNeeds

SunlightRequirements

FertilizerRequirements

1. **Categories**

CategoryID (Primary Key)

Name

1. **Storage**

StorageID (Primary Key)

UserID (Foreign Key referencing Users table)

PlantID (Foreign Key referencing Plants table)

Quantity

DateAdded

LastWatered

NextWateringDate

1. **Sales**

SaleID (Primary Key)

UserID (Foreign Key referencing Users table)

PlantID (Foreign Key referencing Plants table)

QuantitySold

SaleDate

1. **Reminders**

ReminderID (Primary Key)

UserID (Foreign Key referencing Users table)

ReminderText

ReminderDate

1. **Offers**

OfferID (Primary Key)

OfferText

DiscountPercentage

ExpiryDate

1. **ContactMe**

MessageID (Primary Key)

Name

Email

Message

1. **Analytics (Optional)**

AnalyticsID (Primary Key)

TotalSales

MostSoldPlant

LeastSoldPlant

TotalUsers

**LOW FIDELITY DESIGN:**

