Planto – Android App for Planting Trees

# Synopsis

# Introduction:

Now A Days we are facing the problem “**Deforestation**”. To get rid of this type of typical problem, we are going to develop an Android Application. By using this application, we encourage the **Plantation** by giving Money to the planter.

## Purpose of the project:

* To Increase Plantation.
* Environment protection.
* Used for Money Earning.
* Anywhere can use.
* Improvement of Awareness about Plants and Environment.
* Providing the balanced environment by planting trees.

# System Analysis :

**Requirements:**

* Plants
* Plant Tracker(Global Positioning System)
* Android platform
* Digital Transactions

**Problems in Existing system**

Eventually we are facing huge **Deforestation** by Human Activities like constructions , Mining and Wood Business. Government tries to reduce these activities which will leads to Deforestation.

**Problems with Deforestation:**

* **Global Warming**
* **Climate Change**
* **Loss of Habitat**
* **Soil Erosion**
* **Floods**

**Solutions for these problems :**

This Application provides online planting solution . By using this Application, we can get response up to 40%. It helps to earn money by planting trees and also the Graph of the plantation increases through online.

## Modules :

* User Module
* Admin Module
* Payments Module
* Delivery Module
* Verification Module
* Awareness Module
  + **User Module**

**User module** allows **users** to Register , Login and Logout. Here the users can Access the Whole Application.

* **Admin Module**

**Admin Module** allows administrator to set up back-end of the system and perform basic system configuration.

* **Payments module**

**Payments Module** is a generic payment platform which allows other modules to use any of the payment methods.

* **Delivery Module**

**Delivery Module** is a Platform where a User can get Delivered the **Plants Kit** to

to their Address. **The type of the plants decided based on the type of the soil.**

* **Verification Module**

Here the **Organization**  verifies the user credentials and formalities. If the

Credentials are Satisfying with  **Terms and Conditions of the Organization ,**  then the User get Paid.

* **Awareness Module**

**Awareness module** is part of this Application organizes the Environment

Awareness programs and Awareness Videos for the Society.

## Activity Diagram

Registered?

**No**

User Registration

Home

**Yes**

User Verification

Request kit

Kit Received

Make Plantation

**No**

**Yes**

Submit Videos & Location to verify