1. Introduction

1.1 Purpose:

The App we want to develop is Plant App. This app will helps people to buy, sell, manage and take care of plants. The purpose of this app we develop is to reach plants to the users in easiest way so that they can utilize our Plant App effectively.

1.2 Overview:

In this App plant lover can search trees, seeds, plant material accessories, supplements etc. There is a section where users can find many categories of plant types like indoor, outdoor, garden. The app will recommend what kind of plants you need. The user can buy plants from the seller and also can contact directly with the seller.

1.3 Scope:

Users can buy their required plant from this app and it is less time consuming because the plant you order from the app, will be delivered to your home. You don't need to go nursery to buy trees, seeds and other accessories. This app also gives you tips to manage and take care of your plants.

2. Overall Description

We will introduce you to a very useful and user friendly app which is called Plant App. In this app users can search for plants they want and can buy plants. It is a user-friendly platform for users who are searching for plants and beneficial for maintaining their plant. This Plant App is designed to run on various platforms such as mobile devices, web browsers and potentially desktop applications. Users can search for plants using various categories(indoor, outdoor, garden, supplements etc), including title, price, size, humidity, temperature etc. Users can create profiles to personalize their experience, save their favorite plants and purchase history. Users can submit reviews and rate plants. Plant app operates in various environments, including Mobile Devices (iOS and Android), Web Browsers (chrome,Edge,Firefox, etc). Internet connectivity required for updates, search and recommendations. The app relies on external data sources such as plant databases, APIs and potentially partnership with plant industry or nurseries. User's need a reliable internet connection to use the app effectively. The app should work seamlessly across various devices and operating systems. Regular updates and maintenance to ensure a current database, fix bugs and improve the user experience. Our Plant App's success will depend on its ability to provide a smooth user-friendly experience, a comprehensive plant database, and a thriving community of plant lovers.

3. External Interface Requirements

This application should be simple and easy for users to understand and use. For the users and the administrator the device should prompt the login to the program and correct feedback parameters.

3.1 User Interface:

This program offers a decent graphical interface for the users that can be run on the device, by an administrator. It allows the user to access the system and can search plants from the catalog. Then it allows users to purchase plants and other accessories. Besides this program will provide the notification bar which will notify the users if any updates are available.

3.2 Admin Interface:

This interface will be handled by the admins which will enable them to manage this app properly. Here, the admin can update and post to sell plants and can also send notifications for the updates made by them to the users and customers.

4. Functional Requirements

4.1 Login Panel
4.2 Home Menu
4.3 Search Bar
4.4 Notification Icon
4.5 Categories
4.6 Cart
4.7 Product Details
4.8 Purchase System
4.9 Profile
4.10 Tips & Tricks

5. Non-Functional Requirements

5.1 Performance Requirements:

The computer capability depends on the software efficiency. Provided the database size is big enough the program will take any amount of inputs. This would be dependent on the memory space available.

5.2 Maintainability:

This application would not need any servicing.

5.3 Portability:

This application is built to be stable, so it can nor be portable.

5.4 Availability:

This system only be usable until it operates on the system it is built on.

5.5 Scalability:

Applicable.

6. Other Requirements

Appendix A: Glossary

Appendix B: Analysis Models

Appendix C: To Be Determined List