**Botanical Garden Management System**

**Introduction**

Botanical garden Management system is a [garden](https://en.wikipedia.org/wiki/Garden)  management system dedicated for the collection,  preservation and display of an especially wide range of plants, which are typically labelled with their [botanical names](https://en.wikipedia.org/wiki/Botanical_name). The system may provide view to specialist plant collections such as [cacti](https://en.wikipedia.org/wiki/Cactus) and other [succulent plants](https://en.wikipedia.org/wiki/Succulent_plant), [herb gardens](https://en.wikipedia.org/wiki/Herb_garden), plants from particular parts of the world.It also provides view to [greenhouses](https://en.wikipedia.org/wiki/Greenhouse), shadehouses. The system serves the users to search for cretain species of plants by there Botanical name and purchase the plants .Users can also view the plants in the botanical garden.Admin manages all the functionalities in the garden.The system provides an efficient management of Botanical Graden.

**Users**

Admin:- Admin is the user which have all the authority over the system.Admin can add all the details needed as plants,there species, in the garden and the details of the certain plant. Admin can also view the registered users.

User:-User can register and login and view the plants in the Botanical Garden and also purchase the plants.

Visitors:-Visitors can register and login and view the pass available for each day and book pass for a day and make payment.

**Functionalities**

Admin Side:-

* Admin login.
* User Management.
* Visitor Management.
* Plants Management.
* Payment Management.

User Side:-

* Registration and login
* View Plant Details.
* Search for plants.
* Buying the plants.
* Payment.

Visitor Side:-

* Registeration and login
* View the Number of pass available for each day.
* Book Pass.
* View the amount to pay.
* Payment

**Natural System**

In the natural system the user have to go to the Botanical garden to view the wide variety of plants in the garden.This is a time consuming costly mechanism since the user have to pay money to view the garden.Students has to spend there time and visit the gardens for study purposes. ism.People have to go to the garden and buy the plants in the garden and also they have to go and take pass to visit the garden there is no online mechanism.This is time consuming and inefficient mechanism.

**Designed System**

The designed system is a cost efficient ,time efficient mechanism were the users can view the plants in the garden within just clicks without visting the garden or paying any money.Botanical Garden management system have various functionalities such as the user can login to the site then they can view the plants in the Botanical Garden.Also view the plants that are available for sale and also buy the plants as they wish and make payment.User can also get the Scientific name of each plant can search for a plant by giving the scientific name and get the details of the plant.The system is helpful for students study about various species of plants.System also allow visitors to book pass to visit the garden they can view the number of slots available for a day and book pass for a particular day and make payment.

**Technologies used:-**

           Front End**-**HTML,CSS,JAVASCRIPT

              Back End -  PHP

Database- MySQL