Garden Planner

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Description

- This is a web application for gardeners to access a database of information about planning and maintaining a garden .

- The user can enter a plant and information will be supplied about that plant and what is needed to maintain and grow that plant to its potential .

- The application also has a feature to Id a plant and its condition through a plant Id website.

Planning – User Stories

- Result of a need in gardening and gathering garden supplies where often times the questions on What to plant? How to plant ? When to plant? And how to maintain the plant to maturity arise.

- The usefulness for gardeners to have information ready available that will enhance the productivity of the garden that they are growing or about to grow.

- Provides choices based on information obtained to help decide on plants and spatial area needed for growth potential alongside other plants of different varieties.

- Idetifies potential diseases that can affect the plants growth.

Planning - Database

- The database is for the user to maintain a record of the plants that they have chosen to plant in there garden and some information about them(Growing Season, Plant Type, etc),

- Data imported from Grow Stuff API would be the primary source of information about the plant and it's description. While the Plant ID API would allow the user to photograph the plant for Identification as well as to verify if the plant were sick.

- Admin Functionality available to import, update, create and delete plants from the database.

Features

- Simple query interface
- Simple add interface
- List view list of plants with some description chosen to plant.
- Plant view
- Plant ID link

Technology Stack

- Language Java

- IntelliJ DEA

- Spring boot

- MVC

- Bootstrap

- MySQL Server Database

- RESTful API Jason