Flower Encyclopedia

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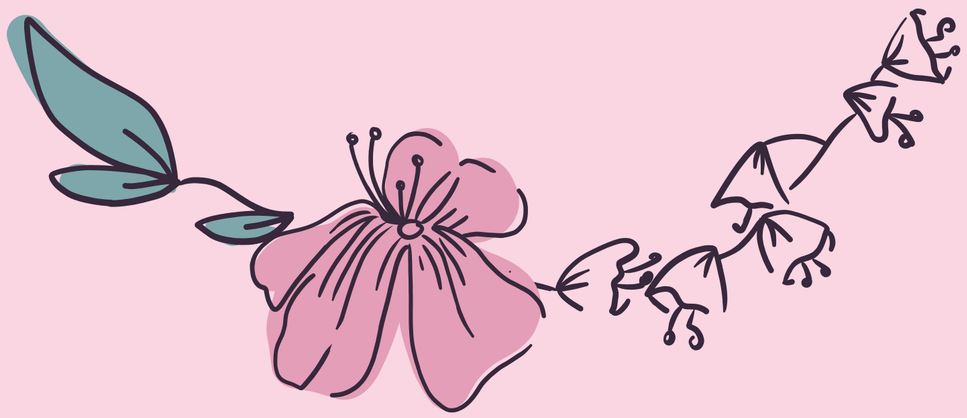
CONTENTS



Introduction

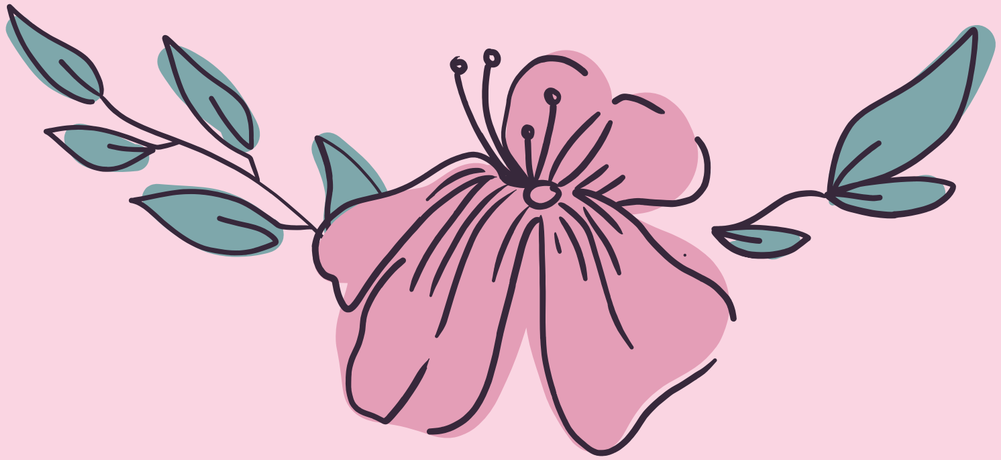
This project gives information about the details of flowers. It helps the user to Know about the classification of flowers. It also uses the tree data structure to arrange information in a proper way

Objectives

To classify different flower species

To segregate them based on the Kingdom, class, order, family and species

Helps us to understand the flowers in a much better way



REQUIREMENTS

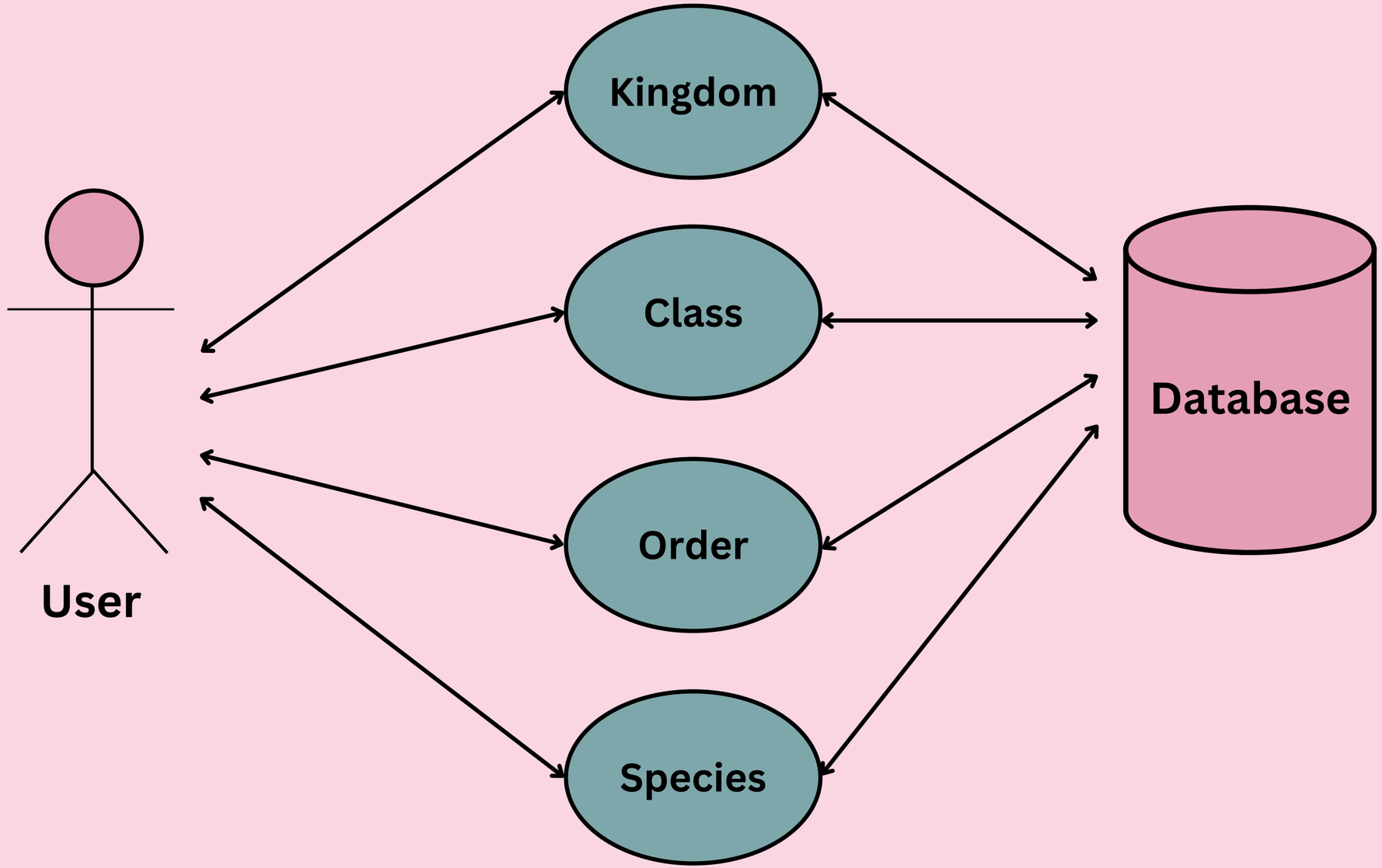
HARDWARE

System: HP Pavilion
Processor: AMD Ryzen 5 5500U with Radeon Graphics 2.10 GHz
RAM: 8.00 GB or more
System type: 64-bit operating system, x64-based processor

SOFTWARE

C language is used.
Any online c compiler like Turbo C/C++, Dev C++, IDE or Visual Studio Code

DESIGN



Methodology

We use the Tree data structure. This project involves creating a database for the information of flowers and then writing a program using trees in c language. We use tree data structure which is a non linear data structure consisting of a central node and many nodes connected to the root node. It gives the Kingdom, class, order and species of the flower we search for. The information of the flower entered is provided quickly. It makes us understand the flowers more efficiently.

IMPLEMENTATION ROADMAP

First is gathering of data of various flowers

Create a database

Store information

C program using tree

User interaction

Flower Encyclopedia

Thank you