Garden Planner

webpage

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4. **Introduction**

This is the outline and requirements for our garden planner webpage. We wanted to develop a webpage that would allow users to plan out their garden for the best possible results based on their location. You will be able to search by region, plant type, or the time of year you want to plan a harvest.

1. **Activity Diagrams**

These are the proposed plans for the site we are developing.

**2.1) Proposed Webpage Process**

1. **Dataflow Diagrams**

This is the idea behind the proposed webpage and how it should function.

**3.1) Context Diagram**

Account setup

USER

Browse website

Website

Database

Usage report

Login

Website

Admin

**3.2) Diagram 0**

LOGIN

USER

USER INFO

BROWSE SITE

ERROR

CREATEERROR REPORT

SITE ADMIN

1. **Functional Requirements Table**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Section** | **Description** | **Category** |
| 1. | Login | Ask if it is a new or existing user. If new create a new account should show up. If existing they should be prompted to enter their username and password. | Input |
| 2. | Plant Tracker Table | Display user’s logged plants in the plant tracker table. | Output |
| 3. | Search | Let the user filter their plant search by hardiness zone, plant type, or sunlight needs. | Input |
| 4. | Logout | Allow the user to sign out of their account and take them back to the home page. | Input |
| 5. | Log Plant | When a user adds a plant to the tracker, it gets added into the database. When a user deletes a plant, it gets deleted from the database. | Process |
| 6. | Search Display | With no filters added to the search form, the page will display all plants in the database. Users can change which plants are shown by using the search filters. | Output |

1. **Conclusion**

Our goal is to allow people to create an account, plan out their garden, and then have a reviewable log of what they have planted in the past and how it turned out. This would help a novice gardener be able to get more productive results as they gain more experience and knowledge.

1. **Other Documents**