GARDENPLANNER

webpage

System Support and Maintenance

Austin Hargis

Morgan Matchette

Patrick Jolly

**Administration Support:**

The software development team may not always be able to support the webpage. This document is to provide future administrators with the info needed to maintain and support the page.

Since this is an interactive webpage, the administrator will always want to make sure that all of the software and code is up to date according to current internet standards.

**Keep chosen internet browser current:**

1. Your device will notify you that there is an update available
2. Click the install now option

**Text Editor software:**

1. Notepad++ was the text editor used for this project
2. Any text editor software for editing HTML/CSS/PHP can be used.

**XAMPP with Apache and MySQL**

1. The website was built on a local webserver using development environment, XAMPP.
2. The local server was created with Apache and MySQL was used for the database.

**phpMyAdmin Database:**

1. The database for the Garden Planner website uses MySQL and is managed through the software tool phpMyAdmin.
2. The document setup.sql contains the SQL necessary to create the garden planner database.

**HTML/CSS/PHP:**

1. The Garden Planner website was built using HTML and CSS for structuring and styling. PHP was used for programming.
2. Documentation for HTML, CSS, and PHP can be found on w3schools.com.

**User Accounts:**

1. User accounts are created in the account page. New users are added to the user table in the garden planner database.
2. All users have access to the Plant Log, which allows them to add plants sewn to the database.

**Security:**

1. User passwords are secured using SHA-256 password hashing.
2. The Search page uses prepared statements and parameterized queries (SQL statements sent to and parsed by the database server separately from any parameters). This helps prevent injection of SQL code by malicious attackers.

**Document Administration**

**Revision History:**

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| --- | --- | --- | --- |
| **Version** | **Date** | **Description** | **Editor** |
| 1.0 | 4/27/2021 | Initial implementation | P. Jolly |
| 1.1 | 4/27/2021 | Added software used for web development | M. Matchette |
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