

Lawn Care Website Demonstration

Drew Baumgartner

Goals

- ▶ This project is designed to create a simple website for a lawn care company.
- ▶ It will simulate the ability for a user to log in as an existing customer or create an account as a new customer.
- ▶ It will also provide an interactive webpage that users can view the available services offered by the lawn care company.
- ▶ The list of services page will feature information about the selected service and provide details about the type of chemical being applied.

Main Tasks

- The main tasks are to design and implement the 4 web pages that form the complete website (Main page, new customer creation, existing customer login, and list of services).

| Main Tasks | |
|--------------------------------------|---------|
| Schedule | Time |
| Design main web page (Home screen) | 1 week |
| Design available services web page | 2 weeks |
| Design existing customer login page | 1 week |
| Design new customer creation page | 1 week |
| Project report & presentation slides | 1 week |

Sub Task (Main Page)

- The main page design and implementation should take the least amount of time as it will just have links directing the user to the other core parts of the webpage.
- The main page will also display a simple “About Us” information page.

| Sub Tasks (Main Page) | |
|------------------------------------|--------|
| Schedule | Time |
| Design the layout and color scheme | 2 days |
| Design links to other pages | 2 days |
| Design an “About Us” page | 2 days |
| Buffer time | 1 day |

Sub Task (List of services page)

- This subtask provides details about implementing the interactive list of lawn care services page.

| Sub Tasks (Available Services Page) | |
|--|--------|
| Schedule | Time |
| Create a list of available services | 1 day |
| Design an interactive list of services | 5 days |
| Buffer time | 1 day |

Sub Task (Existing customer login)

- This subtask will detail how I plan to design a login screen for existing customers.

| Sub Tasks (Existing Customer Page) | |
|--|--------|
| Schedule | Time |
| Design GUI for existing customer login | 2 days |
| Design the login code for GUI | 5 days |

Sub Task (New customer creation)

- This last subtask will be for new customers to create their own login information.

| Sub Tasks (New Customer Page) | |
|---|--------|
| Schedule | Time |
| Design GUI for new customer creation | 2 days |
| Implement server side code to receive information | 5 days |

Webpage Example Diagram

- The website will feature a navigation bar that will stay the same across all webpages to give the user easy access to navigate to a specific page no matter where they are within the website.
- The website will also have similar color schemes of varying shades of green throughout the website. I have not decided which color to make the text or the exact GUI design.

Webpage Example Design

- This picture is an example of a user accessing the existing customer login page. Notice the navigation bar will be on the left side of the screen. If a user navigates to the list of services page, the navigation bar will still remain in the same place.

| | |
|--------------------|------------------------------------|
| Home Page | Existing Customer |
| New Customer | |
| Existing Customer | Username: <input type="text"/> |
| Available Services | Password: <input type="password"/> |
| About Us | |

Server Requirements

- I will simply be hosting this website on my local computer using the XAMPP Apache web server, therefore the requirements will be 1 Windows 7 PC.
- I do plan on testing the webpage in multiple web browsers but I expect it to function just fine regardless of browser that is being used.

Types of Data

- ▶ I plan on using documents and webpages as the primary means of displaying data to the user.
- ▶ The list of services webpage will contain one picture per product and/or service provided and maybe a few videos of the application process.
- ▶ The list of services webpage will also list the EPA numbers and rates of the specific products being applied.
- ▶ To keep it simple and to make sure that I can finish the project in time there will be no database structure of any kind. I plan on completing the webpage using only HTML, JavaScript, PHP, and if possible Perl/XML.

Cost and Time

- ▶ I expect this website to take roughly 4-5 weeks to develop. I plan on spending about 40-50 hours to complete this website.
- ▶ The cost should be \$0.00 as I plan on using the XAMPP client to locally host the website.