

## Group Project 3 Write Up— Storefront in CSS

Team Members	
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### Description:

“The Green Lamp” is an online nursery website where users can buy fresh plants. The website sells 4 categories of plants which includes shrubs, herbs, succulents, and indoor plants. The website includes consistent navigation, a home page, product page, and intermediate pages - FAQ, About, Login/Signup, SystemPreferences, Cart & Checkout.

### Approach / What We Did:

Hieu: For the css portion of this project, I worked on the home page and the product pages. For the home page what I did was add css transitions. I made it so when the user hovers over a product on the home page, it adds a shadow to the product. Another change was that I removed tables and instead used divs with flex properties. These flex properties also made the website more responsive. Another thing I had to do was align the items to the center. As for the product pages, what I contributed there was updating the picture, text, and price to be at the center. I also enlarged the content.

Juve: Along with modifying the html files, I worked on the CSS for the Login, Signup, and System Preferences pages. The CSS file is used throughout all the three pages because of their similarity. I made the forms look nice by adding a red border when the user input is incorrect and a black border when the user input is correct. I also added a focus effect to the forms which gave each form a yellow border when the user clicks on it. I also added a shadow effect when the user hovers over the buttons. Although there were several small features added, the main part of my design was to turn all the tables

into a flex box. The flex box gave me the freedom to align all the content to the center, make the responsiveness dynamic for each page, and the addition of a border around all the content on the pages.

Abhiram: I worked on the shopping cart and the final payment pages. I removed the table format and used flexboxes. I used multiple div containers with its own unique css fonts, sizings, etc. I can use different background colors so I can distinguish between the website background color and the shopping cart background colors. Towards the right of the file, I added a suggestions div with two suggested products. This way, the customers can look at more products. The checkout page is much different than other webpages because it should be focused. I once again removed the tables and replaced them with divisions. I used white boxes to separate the final order, shipping address, and payment information. When the user submits the order, it will take them to the home page. By using divs on both pages, the website more responsive.

Bhavani: For CSS, I started by replacing tables with flexbox which gave the website a cleaner look. I mainly concentrated on building responsive pages and encouraged the team to do so. I added hover & focus effects for the navbar using the color palette variables I have initialized in the css files. I added a responsive Banner image for the home page and a footer section for all the pages. I created a Reviews/Ratings section for the product pages using cards and transition & hover effects. I updated the styling in the about & faq pages by using our color palette and gave them nice borders with some radius. I am a fan of bootstrap because of its simplicity but it is not too hard creating the classes in our own way. Apart from these, I helped and encouraged the team members at times and spent a good amount of time on making the website look consistent.

**Issues and Resolutions:**

Hieu: There weren't really any issues. I think the only difficulties I had were styling problems. But to resolve those I generally had to do trial and error until it looked the way I wanted it to.

Juve: Other than not knowing all the CSS selectors and properties that I needed to use, I did not have much trouble because of its simplicity. I solved my issue of forgetting the CSS syntax by looking up a reference.

Abhiram: I used flex for some of the divisions and inline, block for other parts. This was troublesome as I couldn't align it the way it's necessary for the web page. I also have to make it in sync with other pages while making it unique. With so many tags, it was tiresome to keep the code organized so I used doctype html and I indented every tag appropriately. To keep the font consistent, I set the same font at the top of the CSS file.

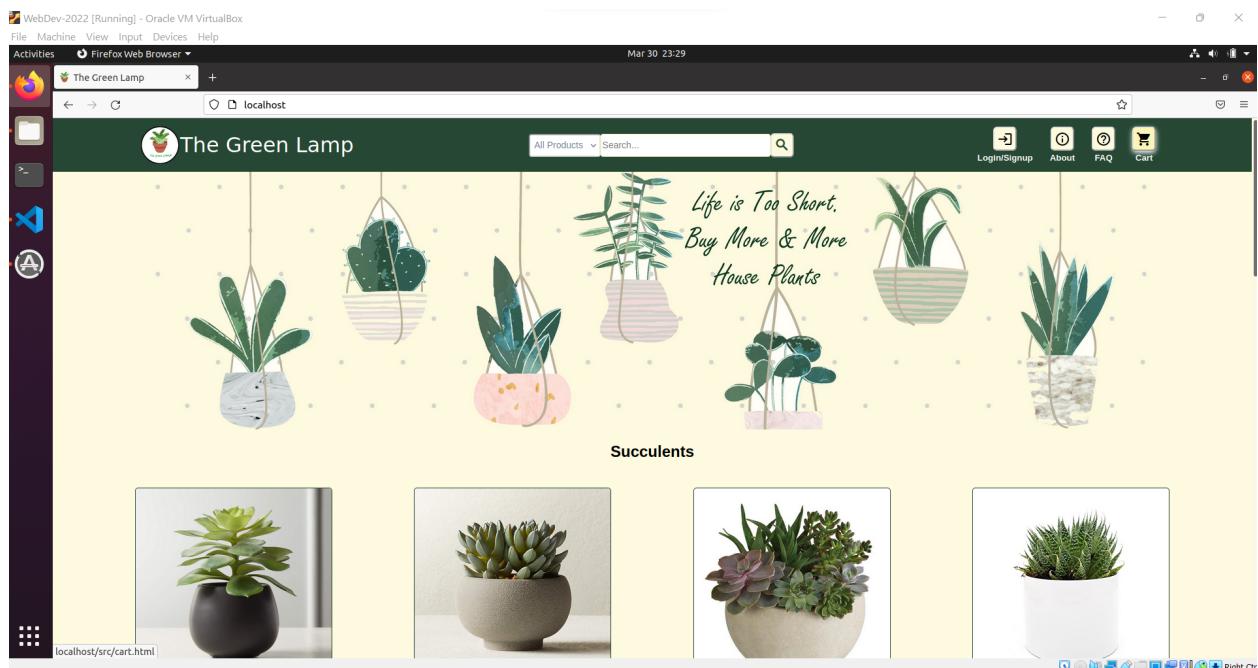
The input of the final order is different so I used different input fields to match the input type and that was conflicting as all fields have to look uniform.

Bhavani: There were no issues in implementing CSS for the website. I had some trouble positioning the footer at the bottom at all times (even when the content of the page is less). To resolve this, I looked up for a reference and placed the main content in a container and gave it full height. I also spent a considerable amount of time rearranging items for the entire website as navigation & footer are to be displayed on all the pages. It would be good if we were to use a single navigation system and single product page where the content loads dynamically depending on the request. Hopefully, this wouldn't be an issue for the next iteration.

### Source Code:

<https://github.com/CSC317-2022-Spring/csc317-group-html-bhavani-goruganthu>

### Screen shots:



WebDev-2022 [Running] - Oracle VM VirtualBox

File Machine View Input Devices Help

Activities Firefox Web Browser Mar 30 23:29

The Green Lamp

All Products Search... Login/Signup About FAQ Cart

Crassula \$1.25 Moonglow \$2.99 Echeveria \$1.75 Haworthia \$2.00

**Indoor Plants**

Indoor Plant 1 \$5.99 Indoor Plant 2 \$4.99 Indoor Plant 3 \$5.00 Indoor Plant 4 \$5.99

**Herbs**

localhost/src/login.html

WebDev-2022 [Running] - Oracle VM VirtualBox

File Machine View Input Devices Help

Activities Firefox Web Browser Mar 30 23:30

The Green Lamp

All Products Search... Login/Signup About FAQ Cart

Shrub 1 \$9.99 Shrub 2 \$9.99 Shrub 3 \$9.99 Shrub 4 \$9.99

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The French Dip is my go-to sandwich. It's simple and yet good. Lots of roast beef and swiss cheese on baguette style bread, heated to perfection and served with tasty dipping bowls. Absolutely amazing, and worth the wait.  
- Jordan C.

You're going to dig our FRENCH DIP

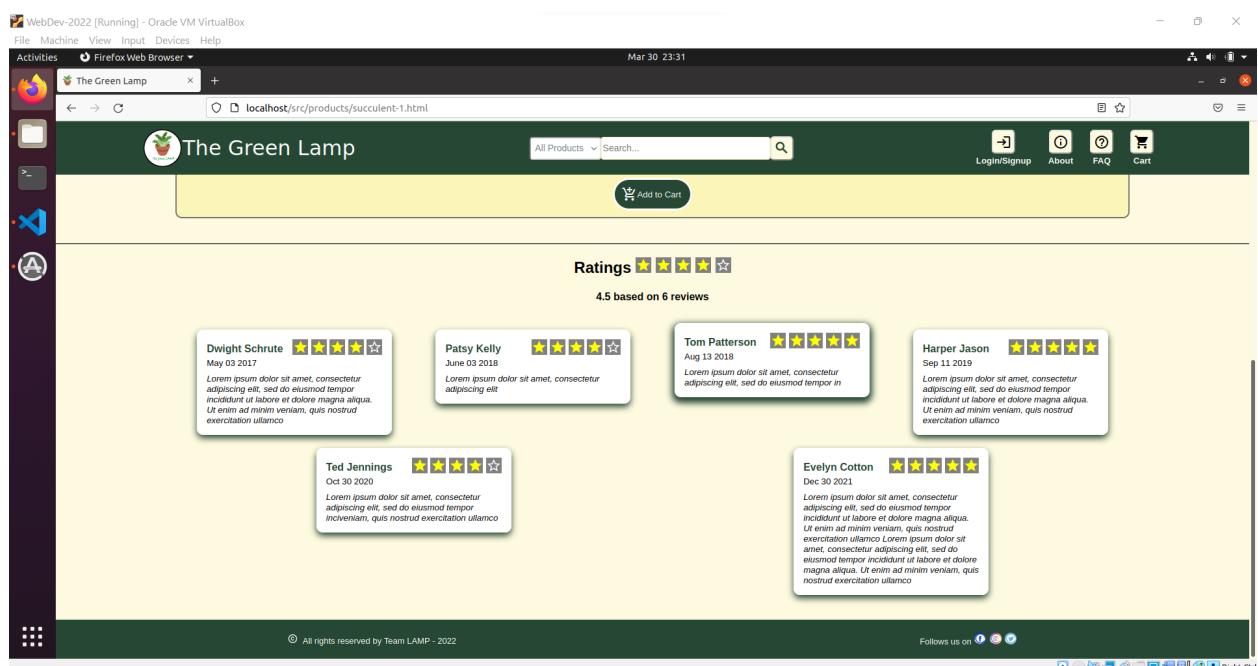
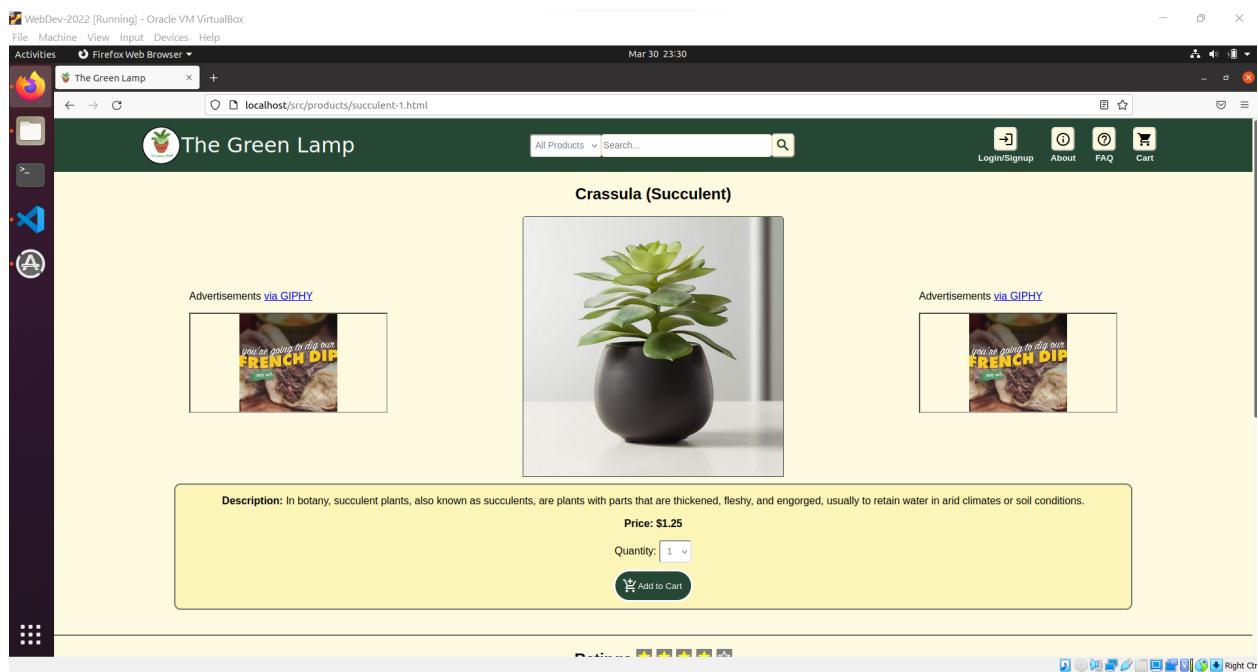
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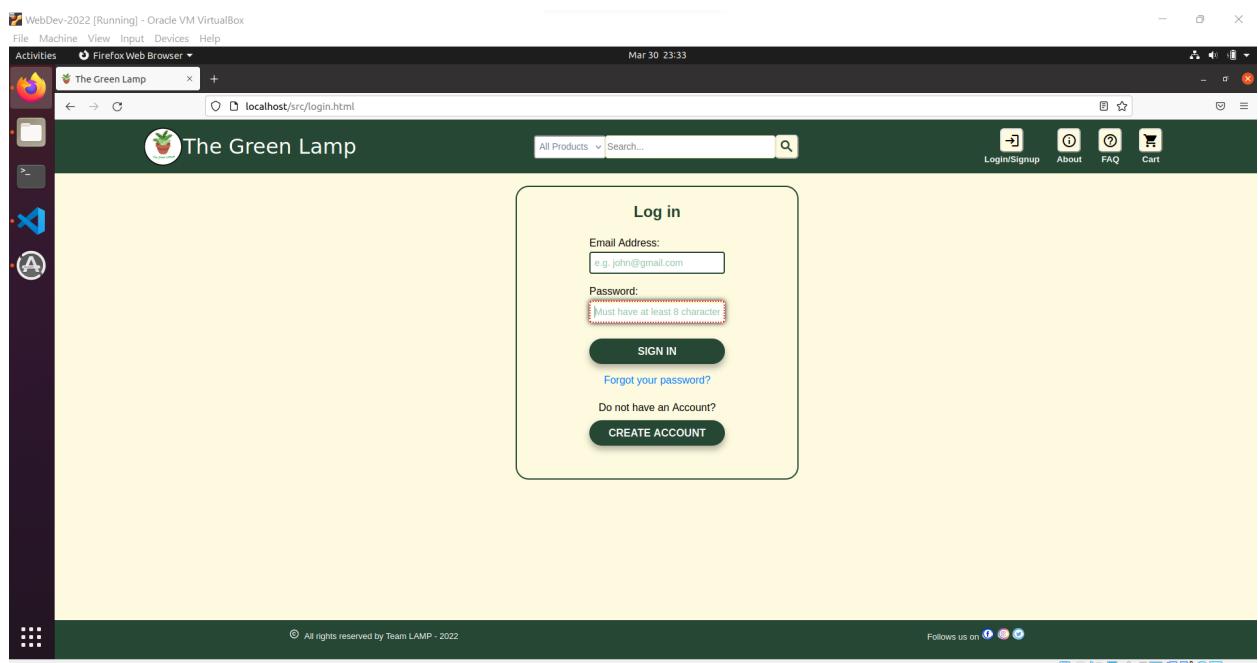
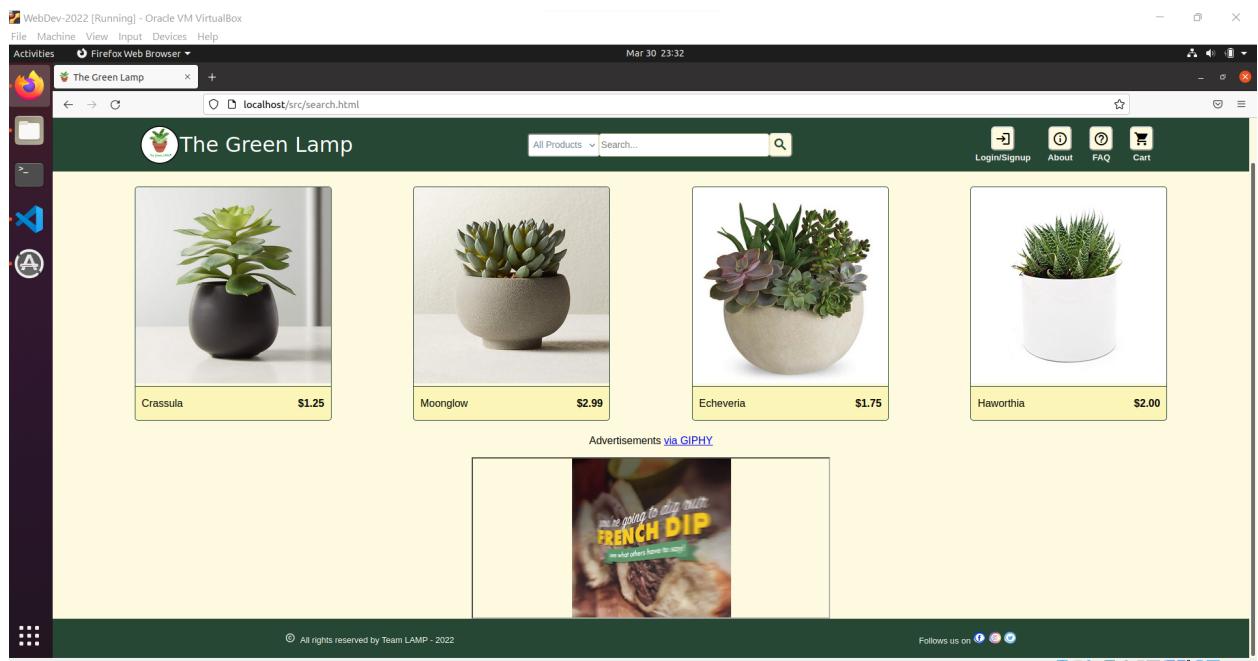
Group Name: TEAM LAMP



# CSC317 Web Development

GitHub: bhavani-goruganthu

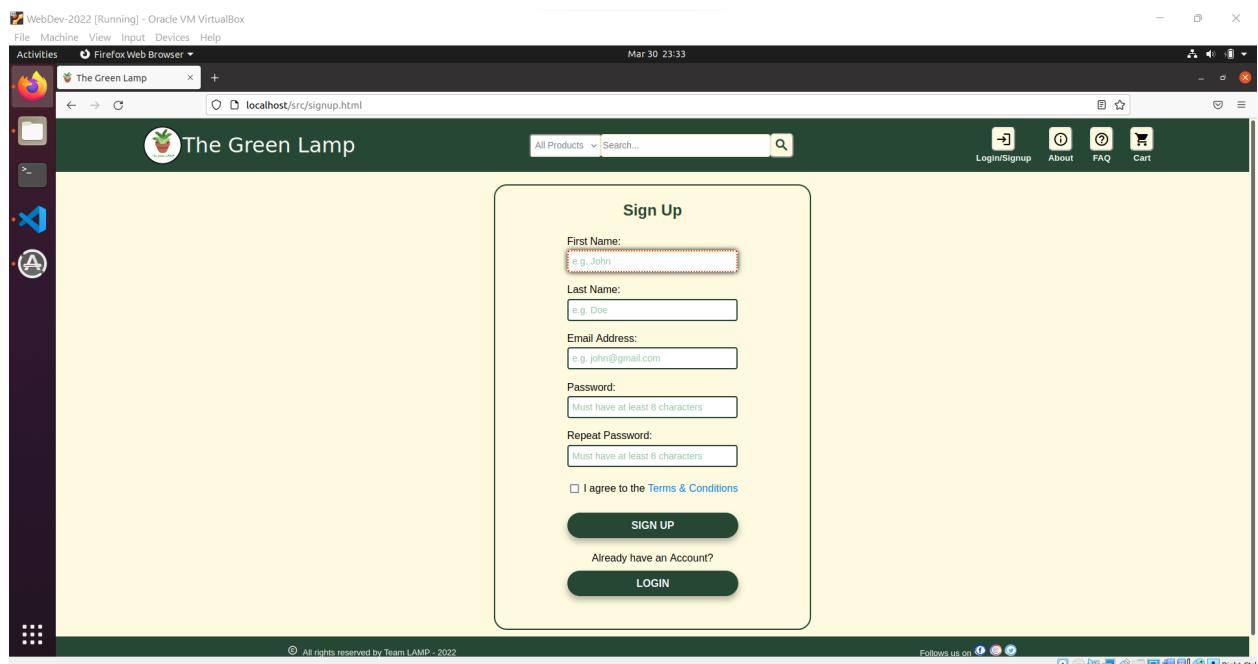
Group Name: TEAM LAMP



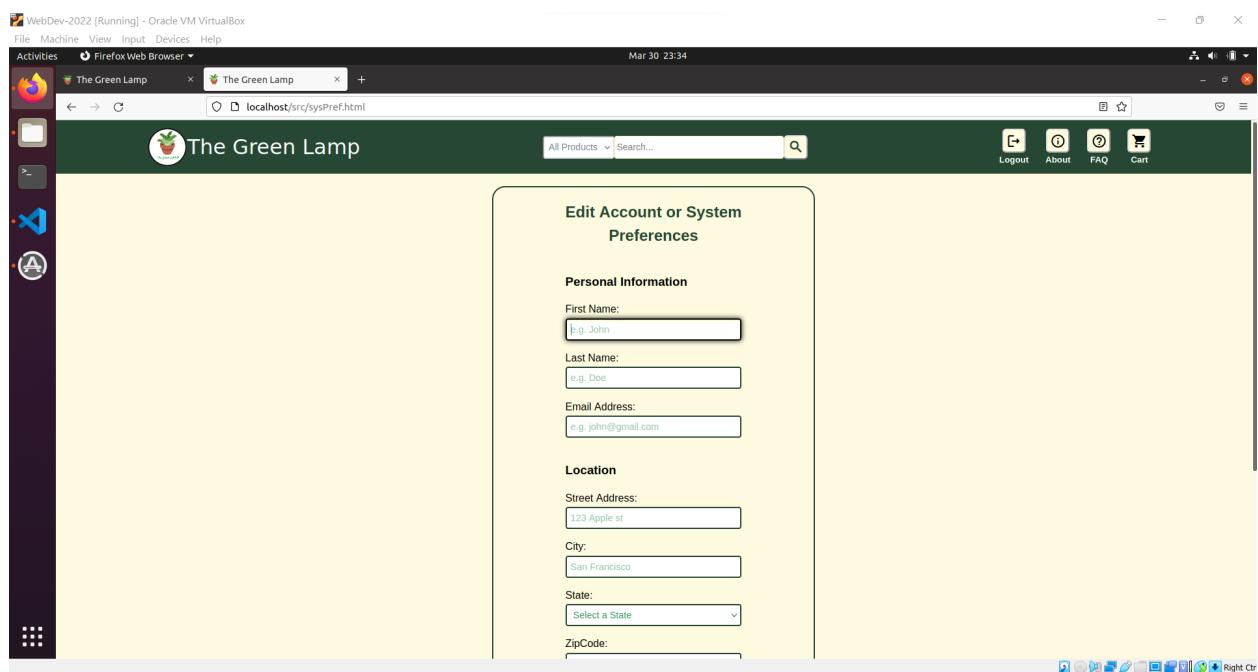
# CSC317 Web Development

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Group Name: TEAM LAMP



The screenshot shows the 'Sign Up' form for 'The Green Lamp'. The form fields include First Name (e.g. John), Last Name (e.g. Doe), Email Address (e.g. john@gmail.com), Password (Must have at least 8 characters), and Repeat Password (Must have at least 8 characters). There is a checkbox for agreeing to Terms & Conditions. Below the form are 'SIGN UP' and 'LOGIN' buttons, and links for 'Already have an Account?' and 'Logout'.



The screenshot shows the 'Edit Account or System Preferences' page. It has two sections: 'Personal Information' (First Name: e.g. John, Last Name: e.g. Doe, Email Address: e.g. john@gmail.com) and 'Location' (Street Address: 123 Apple st, City: San Francisco, State: Select a State, ZipCode: [empty]). At the top right, there are 'Logout', 'About', 'FAQ', and 'Cart' links.

# CSC317 Web Development

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Group Name: TEAM LAMP

WebDev-2022 [Running] - Oracle VM VirtualBox

File Machine View Input Devices Help

Activities Firefox Web Browser The Green Lamp localhost/src/sysPref.html Mar 30 23:34

The Green Lamp All Products Search... Logout About FAQ Cart

**Location**

Street Address: 123 Apple st

City: San Francisco

State: Select a State

ZipCode: 12345

**Confidential Information**

Change Password: Must have at least 8 characters

Phone number: 012-345-6789

CHANGE SETTINGS

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Right Ctrl

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File Machine View Input Devices Help

Activities Firefox Web Browser The Green Lamp localhost/src/about.html Mar 30 23:34

The Green Lamp All Products Search... Logout Signup About FAQ Cart

**About Team LAMP**

"To plant a Garden is to believe in tomorrow"

- Audrey Hepburn

Advertisements via GIPHY

We here @ The Green Lamp thrive for quality and are dedicated to offer you the best greenery works.

Check our categories here and order some herbage for your sweet home

Advertisements via GIPHY



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# CSC317 Web Development

GitHub: bhavani-goruganthu

Group Name: TEAM LAMP

The screenshot shows the 'The Green Lamp' website's Frequently Asked Questions (FAQ) section. The page has a dark green header with the logo and navigation links. Below the header, there is a search bar and a cart icon. The main content area is titled 'Any Questions?' and contains four expandable sections:

- 1. Why Plants?**

Plants just don't look good - they add life, boost up your mood, relieve stress, produce oxygen and eliminate air pollutants.
- 2. How do plants grow?**

When plants have the right balance of water, air, sunlight and nutrients, their cells grow and divide, and the whole plant gets bigger and bigger. air pollutants.
- 3. How do I fertilize my plant?**

We recommend following the instructions on the packaging of whatever fertilizer you choose. Many are added to liquids and used in your watering can while watering. All fertilizers, whether liquid, dissolvable, or granular are applied to the potting mix (not the plant itself/the plant's leaves).
- 4. What are the signs of a struggling plant?**
  - yellowing or dropping leaves
  - leaf edges appear brown with a yellow halo
  - brown or yellow spots or brown edges on leaves
  - leaves are curling in
  - droopiness or wilting
  - white spots or web are showing on a plant

The screenshot shows the 'The Green Lamp' website's shopping cart page. The page has a dark green header with the logo and navigation links. Below the header, there is a search bar and a cart icon. The main content area is divided into two sections: 'Shopping Cart' and 'Suggestions'.

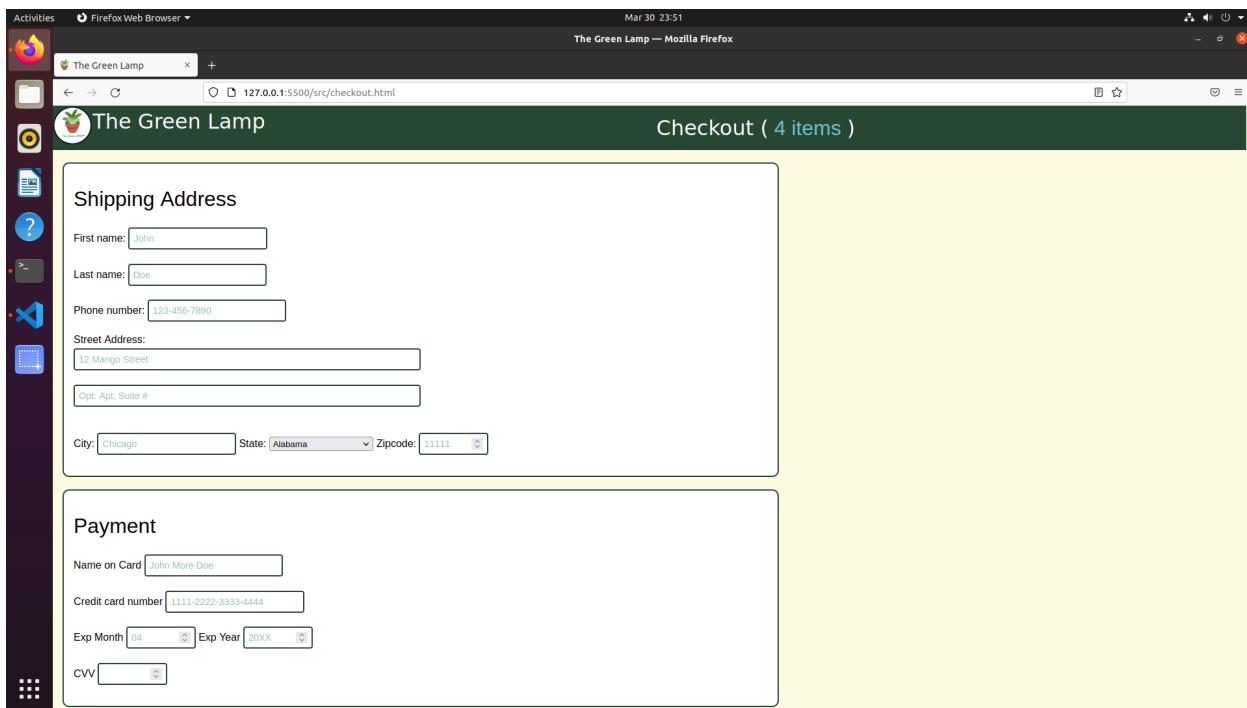
**Shopping Cart**

Item	Quantity	Price
Herb 2	2	\$19.98
Shrub 2	1	\$9.99
Haworthia	1	\$2.00
<b>Subtotal:</b>	<b>\$31.97</b>	

**Suggestions**

Product	Price
Moonglow	\$2.99
Herb 4	\$9.99

**PROCEED TO CHECKOUT**



The Green Lamp

### Checkout ( 4 items )

**Shipping Address**

First name:

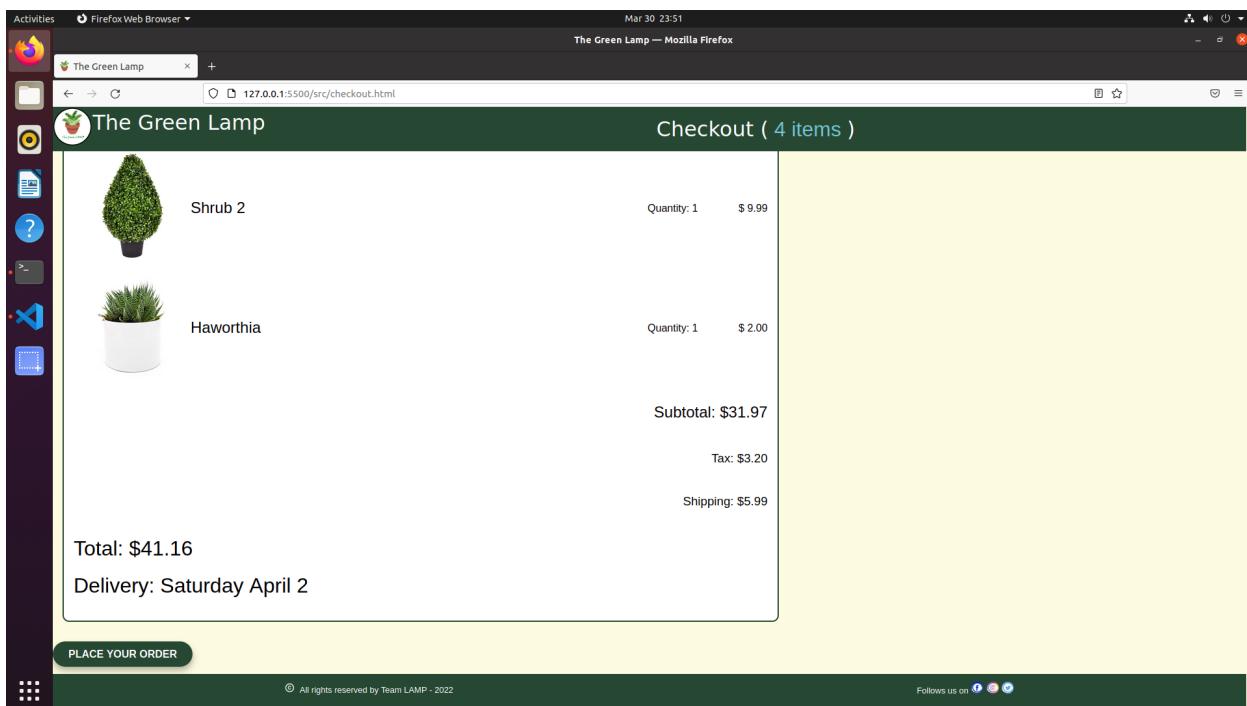
Last name:

Phone number:

Street Address:

Opt: Apt, Suite #

City:  State:  Zipcode:



The Green Lamp

### Checkout ( 4 items )

**Payment**

Name on Card

Credit card number

Exp Month  Exp Year

CVV

	Shrub 2	Quantity: 1	\$ 9.99
	Haworthia	Quantity: 1	\$ 2.00
Subtotal: \$31.97			
Tax: \$3.20			
Shipping: \$5.99			
Total: \$41.16			
Delivery: Saturday April 2			

**PLACE YOUR ORDER**

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