

Project 6: Final Project

Team: Laptop Lotus

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Part 1

The purpose of the app:

This app is an online shop for laptops and accessories. Sellers can publish their items on this app and customers can search and purchase laptops or other accessories. The application also plays a gallery role as it could show users the images of laptops as well as the general technical information so users will have better understanding before they actually purchase an product.

Intended users:

The customers can be students, employees, and all people who need to buy laptops or laptop accessories. The sellers can be those who want to sell used laptops or the laptop companies that wish to sell their product here.

Main features:

- The sellers can sell laptops and laptop accessories
- Customers can purchase laptops and laptop accessories
- Admin users can view/edit/delete ANY laptop information
- Customers can view/learn/checkout laptops
- Sellers can add/view/edit their own products
- Log in to your account and view your profile
- Create new account
- Checkout items
- All users are able to see their activity feed on the home page, and check out other people's activity on their profile page
- Follow/unfollow other users
- Generate and print shipping labels
- D3 Bubble List animation under sell page
- Animation can add/delete/view/create items

Navigations:

On the main page, this prototype allows navigation to the search result page, selling page, and the detail page for one of the products. Clickable buttons/links are: "Recommendation", "Recently Viewed", "Deals", "New Arrivals", and "Sell". You can also click the arrow to show different laptop products.

Example links:

Home view: <http://ec2-54-201-109-138.us-west-2.compute.amazonaws.com>

List view: <http://ec2-54-201-109-138.us-west-2.compute.amazonaws.com/result>

Bubble menu: <http://ec2-54-201-109-138.us-west-2.compute.amazonaws.com/sell>

Detail view: <http://ec2-54-201-109-138.us-west-2.compute.amazonaws.com/detail/view/1>

Add view: <http://ec2-54-201-109-138.us-west-2.compute.amazonaws.com/add/>

Edit view: <http://ec2-54-201-109-138.us-west-2.compute.amazonaws.com/edit/1>

Shopping cart: <http://ec2-54-201-109-138.us-west-2.compute.amazonaws.com/cart>

Checkout: <http://ec2-54-201-109-138.us-west-2.compute.amazonaws.com/checkout>

Search users: <http://ec2-54-201-109-138.us-west-2.compute.amazonaws.com/search/1>

Profile View: <http://ec2-54-201-109-138.us-west-2.compute.amazonaws.com/profile/2>

(See how to set up below, and you must log in to perform some actions)

Part 2

How to set up:

1. Copy the extracted “laptop_lotus” folder into XAMPP/htdocs/ folder.
2. In phpMyadmin, create a new database called “HLaptop”, then import “HLaptop.sql” file (located in “laptop_lotus” folder) into the database.
3. In your browser, go to the link: http://localhost/laptop_lotus/.
4. If you wish to log in with the admin account, use the administration account:
Username: admin
Password: admin
5. If you wish to log in as a normal customer, use this account:
Username: tester01
Password: tester
6. You can also create your own account, you must enter all required fields and you cannot change your username after you submit.

We created 5 testing customer accounts: tester01, tester02, tester03, tester04, and tester05, and one admin account: admin. You can type and search by their usernames to follow/unfollow (partially username search is supported).

Our Website hosted on Amazon EC2 server can be found at:

<http://ec2-54-201-109-138.us-west-2.compute.amazonaws.com>

Part 3

Above and beyond:

After completing the animation aspect of the website, we decided to fix any missing links or bugs that we had in our previous website. A major implementation that we completed for this project was the search bar at header. The user can now search for certain products that they are looking for. We implemented this part using regular expression matching and displaying results on a similar listing page.