

CS160 Group 6 OSD User Guide

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1) Set up the environment

1) Download and install node js

Here is the link to download node js: <https://nodejs.org/en/download/>

Download the Node.js source code or a pre-built installer for your platform, and start developing today.

The screenshot shows the Node.js download page. At the top, there are two tabs: 'LTS' (Recommended For Most Users) and 'Current' (Latest Features). Below these are three main download options: 'Windows Installer' (node-v10.15.3-x64.msi), 'macOS Installer' (node-v10.15.3.pkg), and 'Source Code' (node-v10.15.3.tar.gz). On the left side, there is a list of download options, with 'Windows Installer (.msi)' and 'macOS Installer (.pkg)' circled in red. To the right of this list is a table showing the available binaries for different architectures.

32-bit	64-bit
32-bit	64-bit
64-bit	
64-bit	
64-bit	
ARMv6	ARMv7
ARMv8	
node-v10.15.3.tar.gz	

Based on your operating system, you can choose Windows Installer or macOS installer

2) Extracting our project zip file:

After install node js, download our project zip file and extract its content. After extracted, you will have two folders: backend and frontend:

Name	Date modified	Type	Size
backend	4/29/2019 1:30 PM	File folder	
frontend	4/29/2019 1:30 PM	File folder	

3) Set up backend

For first time backend installation, open command line window and navigate to the backend folder and run the following command: “**npm install**”

```

C:\Windows\system32\cmd.exe
Microsoft Windows [Version 10.0.17134.706]
(c) 2018 Microsoft Corporation. All rights reserved.

C:\Users\jujujission>E:

E:\>cd cs160/final/backend

E:\cs160\final\backend>npm install

> sqlite3@4.0.6 install E:\cs160\final\backend\node_modules\sqlite3
> node-pre-gyp install --fallback-to-build

node-pre-gyp WARN Using request for node-pre-gyp https download
[sqlite3] Success: "E:\cs160\final\backend\node_modules\sqlite3\lib\binding\node-v64-win32-x64\node_sqlite3.node" is installed via remote
npm WARN backend@1.0.0 No description
npm WARN backend@1.0.0 No repository field.

added 186 packages from 145 contributors and audited 319 packages in 19.474s
found 0 vulnerabilities

E:\cs160\final\backend>

```

Waiting for the system to install some packages.

When finished with first time backend installation, you can now start the backend server by running the following command: “**node index.js**”

```

C:\Windows\system32\cmd.exe - node index.js
Microsoft Windows [Version 10.0.17134.706]
(c) 2018 Microsoft Corporation. All rights reserved.

C:\Users\jujujission>E:

E:\>cd cs160/final/backend

E:\cs160\final\backend>npm install

> sqlite3@4.0.6 install E:\cs160\final\backend\node_modules\sqlite3
> node-pre-gyp install --fallback-to-build

node-pre-gyp WARN Using request for node-pre-gyp https download
[sqlite3] Success: "E:\cs160\final\backend\node_modules\sqlite3\lib\binding\node-v64-win32-x64\node_sqlite3.node" is installed via remote
npm WARN backend@1.0.0 No description
npm WARN backend@1.0.0 No repository field.

added 186 packages from 145 contributors and audited 319 packages in 19.474s
found 0 vulnerabilities

E:\cs160\final\backend>node index.js
App running on port 3006.

```

The line “App running on port 3006” indicates you had set up the backend successfully

4) Set up frontend:

Don’t close the command line window of backend, instead open a new window command line and navigate to the front end folder

So right now, you will have 2 command line windows and it looks like this:

```

C:\Windows\system32\cmd.exe
Microsoft Windows [Version 10.0.17134.706]
(c) 2018 Microsoft Corporation. All rights reserved.

C:\Users\jujujission>E:

E:\>cd cs160/final/frontend

E:\cs160\final\frontend>

C:\Windows\system32\cmd.exe - node index.js
Microsoft Windows [Version 10.0.17134.706]
(c) 2018 Microsoft Corporation. All rights reserved.

C:\Users\jujujission>E:

E:\>cd cs160/final/backend

E:\cs160\final\backend>npm install

> sqlite3@4.0.6 install E:\cs160\final\backend\node_modules\sqlite3
> node-pre-gyp install --fallback-to-build

node-pre-gyp WARN Using request for node-pre-gyp https download
[sqlite3] Success: "E:\cs160\final\backend\node_modules\sqlite3\lib\binding\node-v64-win32-x64\node_sqlite3.node" is installed via remote
npm WARN backend@1.0.0 No description
npm WARN backend@1.0.0 No repository field.

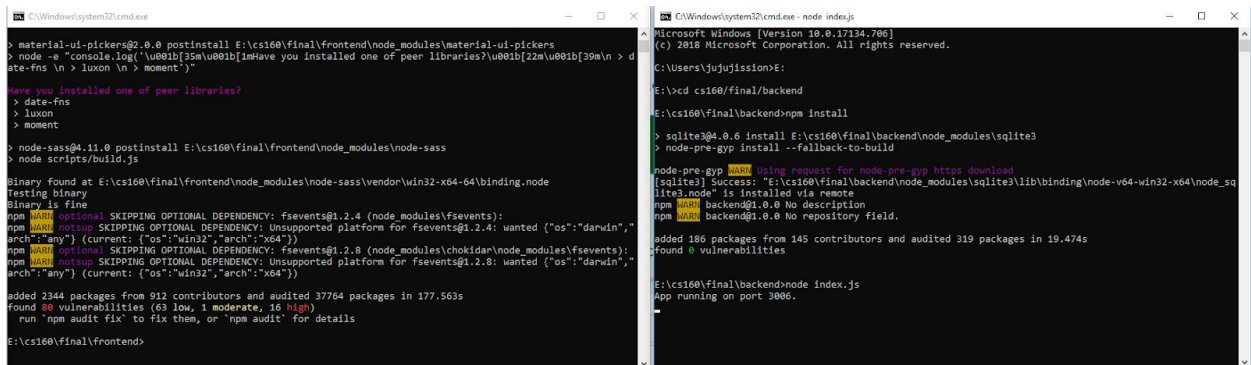
added 186 packages from 145 contributors and audited 319 packages in 19.474s
found 0 vulnerabilities

E:\cs160\final\backend>node index.js
App running on port 3006.

```

Let’s call the windows on the right is “backend window” and the windows on the left is “frontend window”

For first time frontend installation, run “**npm install**” from the frontend window and wait until it finished:



```

C:\Windows\system32\cmd.exe
> material-ui-pickers@2.0.0 postinstall E:\cs160\final\frontend\node_modules\material-ui-pickers
> node -e "console.log('u001b[32m u001b[1mhave you installed one of peer libraries?u001b[22m u001b[39m\n > date-fns\n > luxon\n > moment\n > node-sass@4.11.0 postinstall E:\cs160\final\frontend\node_modules\node-sass
> node scripts/build.js

Binary found at E:\cs160\final\frontend\node_modules\node-sass\vendor\win32-x64-64\binding.node
Testing binary
Binary is fine
npm WARN optional SKIPPING OPTIONAL DEPENDENCY: fsevents@1.2.4 (node_modules\fsevents):
npm WARN notsup SKIPPING OPTIONAL DEPENDENCY: Unsupported platform for fsevents@1.2.4: wanted {"os":"darwin","arch":"any"} (current: {"os":"win32","arch":"x64"})
npm WARN optional SKIPPING OPTIONAL DEPENDENCY: fsevents@1.2.8 (node_modules\chokidar\node_modules\fsevents):
npm WARN notsup SKIPPING OPTIONAL DEPENDENCY: Unsupported platform for fsevents@1.2.8: wanted {"os":"darwin","arch":"any"} (current: {"os":"win32","arch":"x64"})
added 2344 packages from 912 contributors and audited 37764 packages in 177.563s
found 80 vulnerabilities (63 low, 1 moderate, 16 high)
  run 'npm audit fix' to fix them, or 'npm audit' for details

E:\cs160\final\frontend>

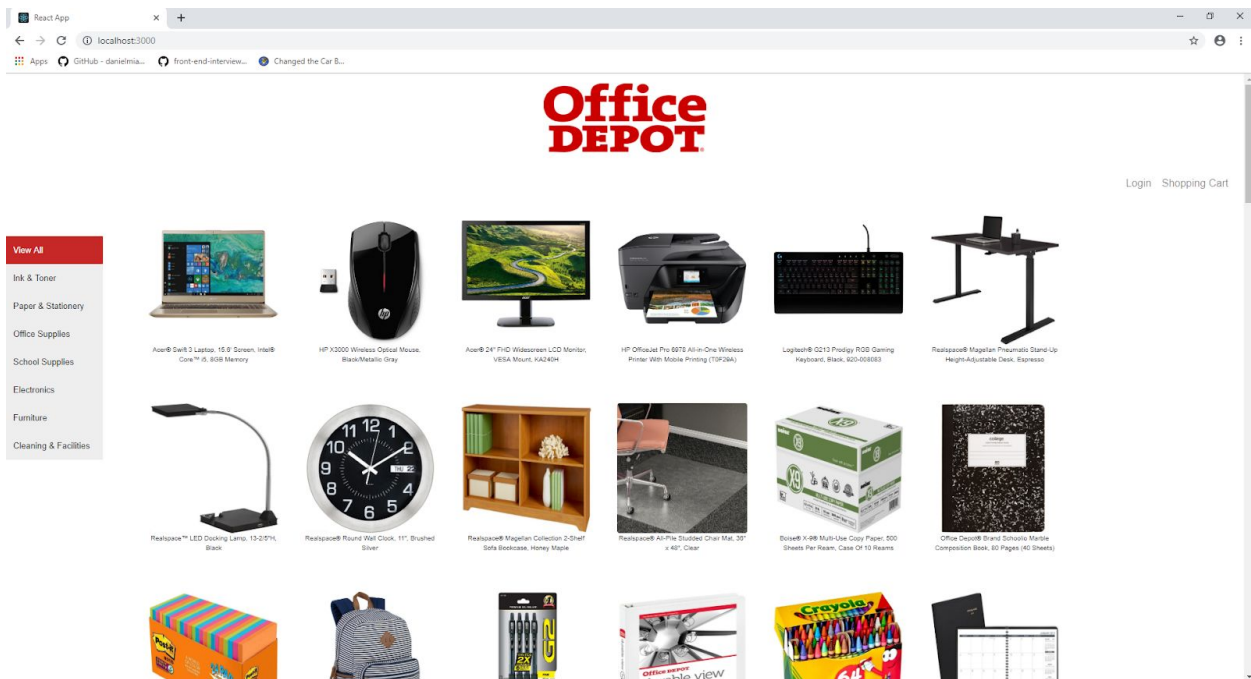
C:\Windows\system32\cmd.exe - node index.js
Microsoft Windows [Version 10.0.17134.786]
(c) 2018 Microsoft Corporation. All rights reserved.

C:\Users\jujuj\jssion>E:
E:\>cd cs160\final\backend
E:\cs160\final\backend>npm install
> sqlite@4.0.6 install E:\cs160\final\backend\node_modules\sqlite
> node-pre-gyp install --fallback-to-build
node-pre-gyp WARN Using request for node-pre-gyp https download
[sqlite] Success: "E:\cs160\final\backend\node_modules\sqlite\lib\binding\node-v64-win32-x64\node_sqlite3.node" is installed via remote
npm WARN backend@1.0.0 No description
npm WARN backend@1.0.0 No repository field.
added 186 packages from 145 contributors and audited 319 packages in 19.474s
found 0 vulnerabilities

E:\cs160\final\backend>node index.js
App running on port 3000.
  
```

When finished with first time installation, you can run our frontend server with: “**npm start**”

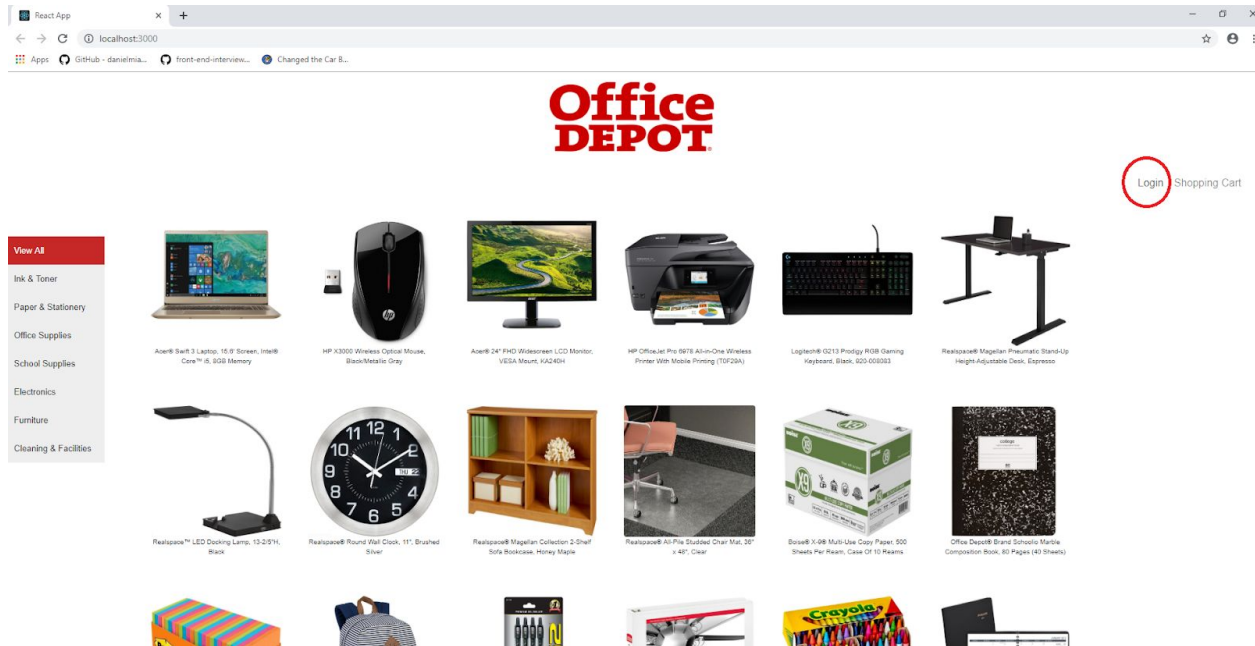
And a browser will pop up. From there, you can try our Office Supply Depot



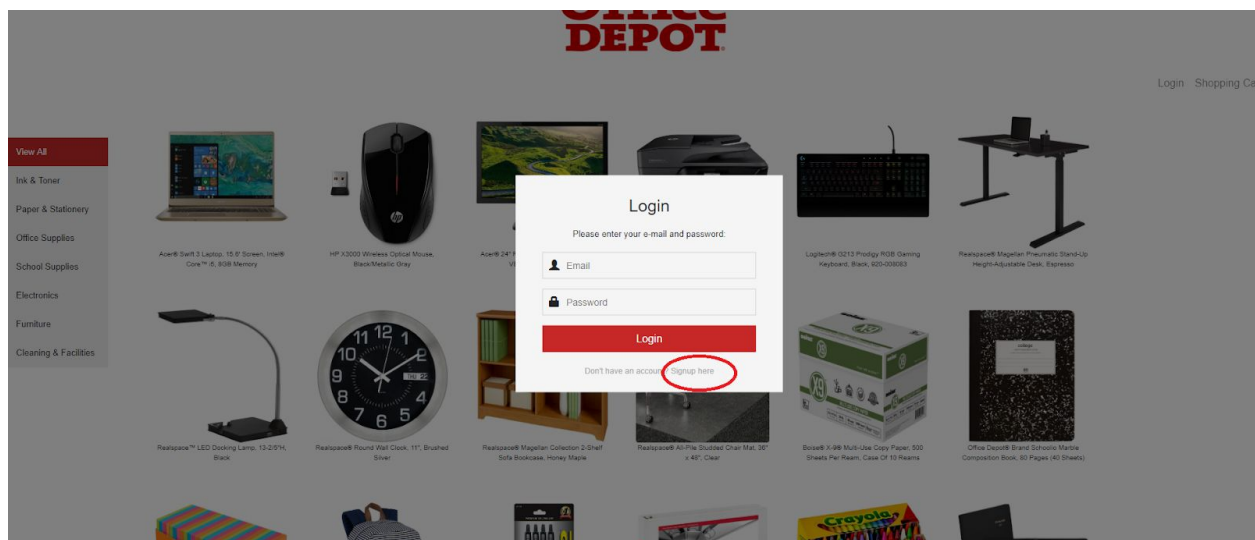
2) How to use our website as a customer

2.1. How to register

From our main page, click the “Login” button:



A window will pop up, from there, click “Signup Here”



After that, fill out your information and click create account



New User Information
Please fill in the information below.

First Name*

Last Name*

Email*

Password*

Confirm Password *

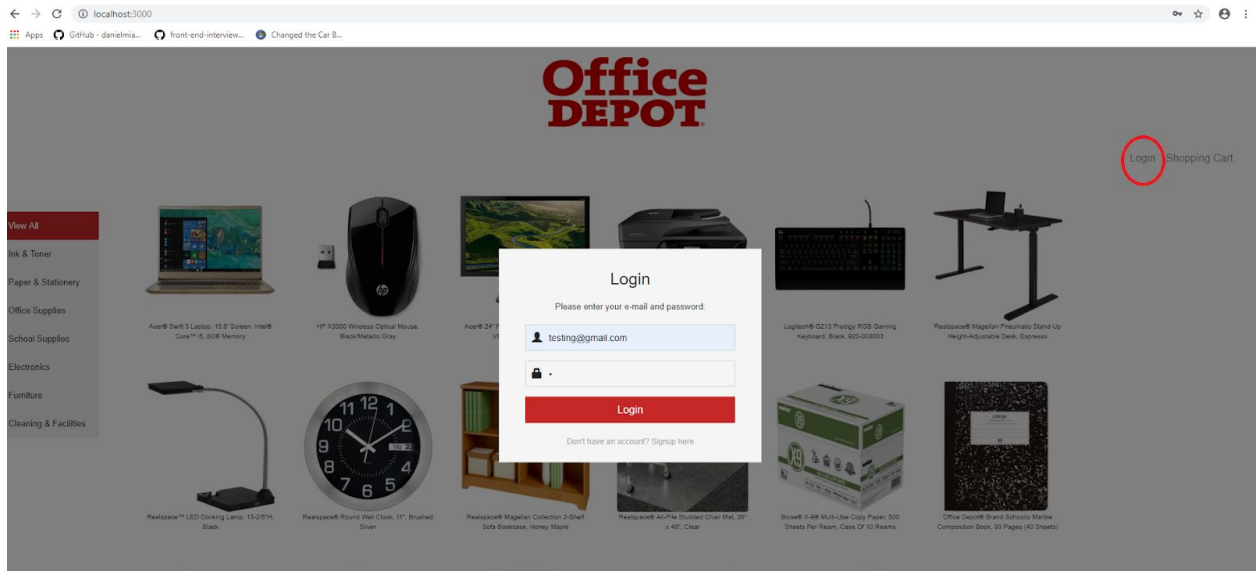
[Create My Account](#)

A window will popup to inform that you created an account successfully.

The screenshot shows a web browser window with the URL `localhost:3000/register`. A modal popup is displayed in the center, containing the text "localhost:3000 says Register Succeed" and an "OK" button. Below the popup, the "New User Information" form is visible, with the same fields as in the previous image: First Name (Testing), Last Name (Test), Email (testing@gmail.com), Password (masked with •), and Confirm Password (masked with •). The "Create My Account" button is at the bottom of the form.

2.2 How to log in

From the main page <http://localhost:3000/>, click “Login” button and input your account information. After that click Login

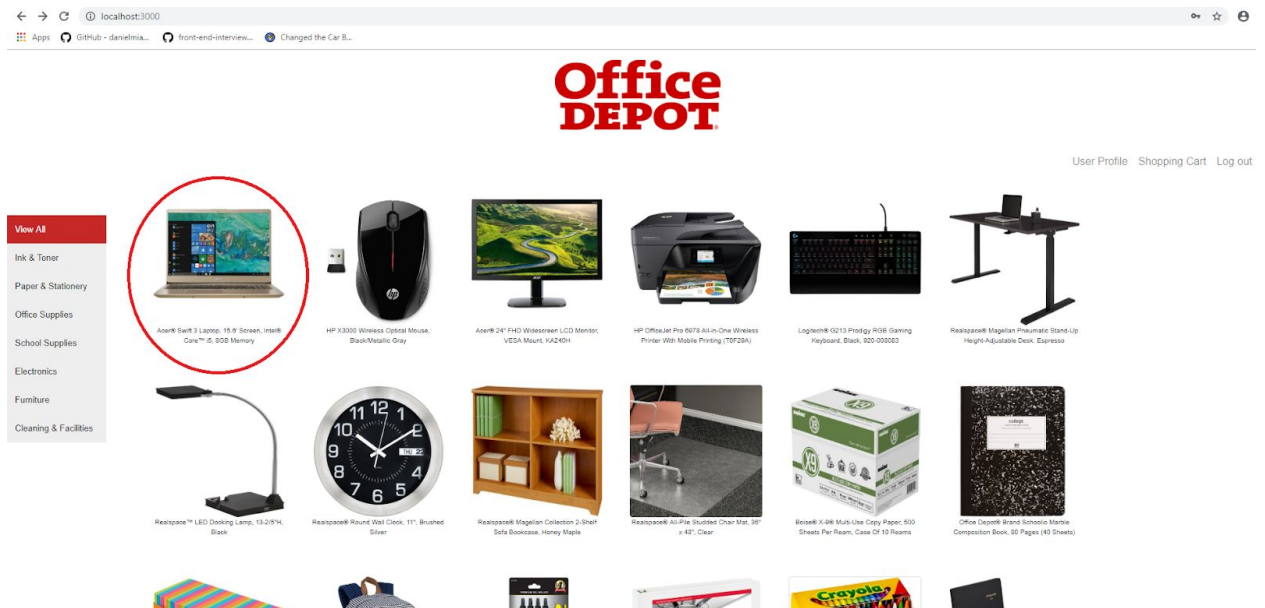


When you successfully logged in, three new buttons will appear at the right corner of the web page.

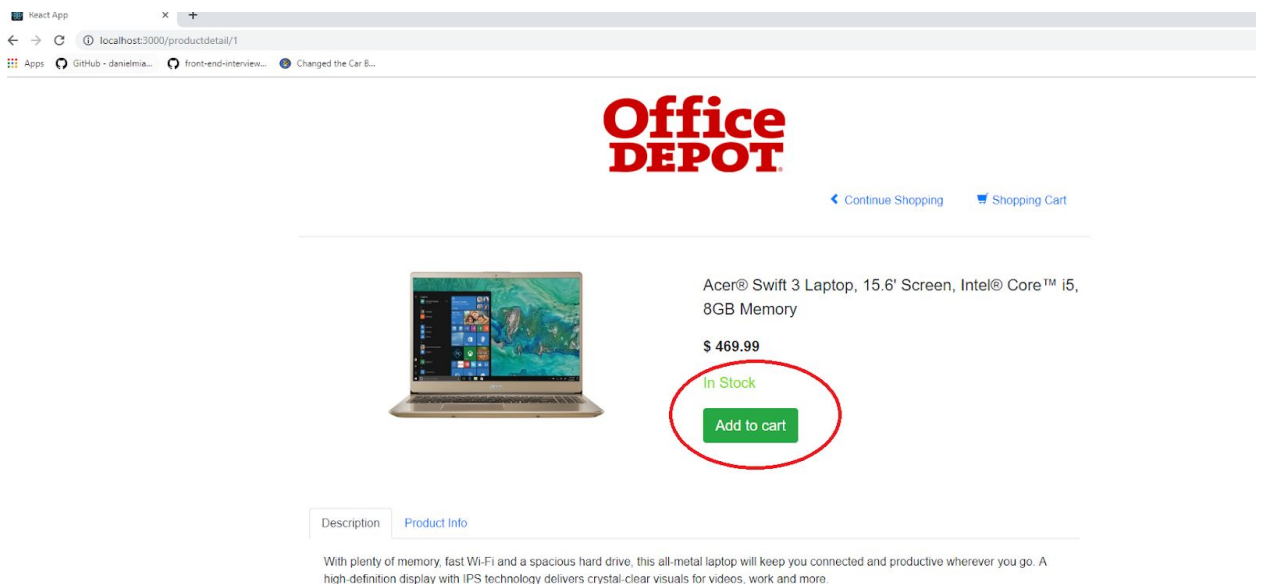


2.3 Add item into shopping cart

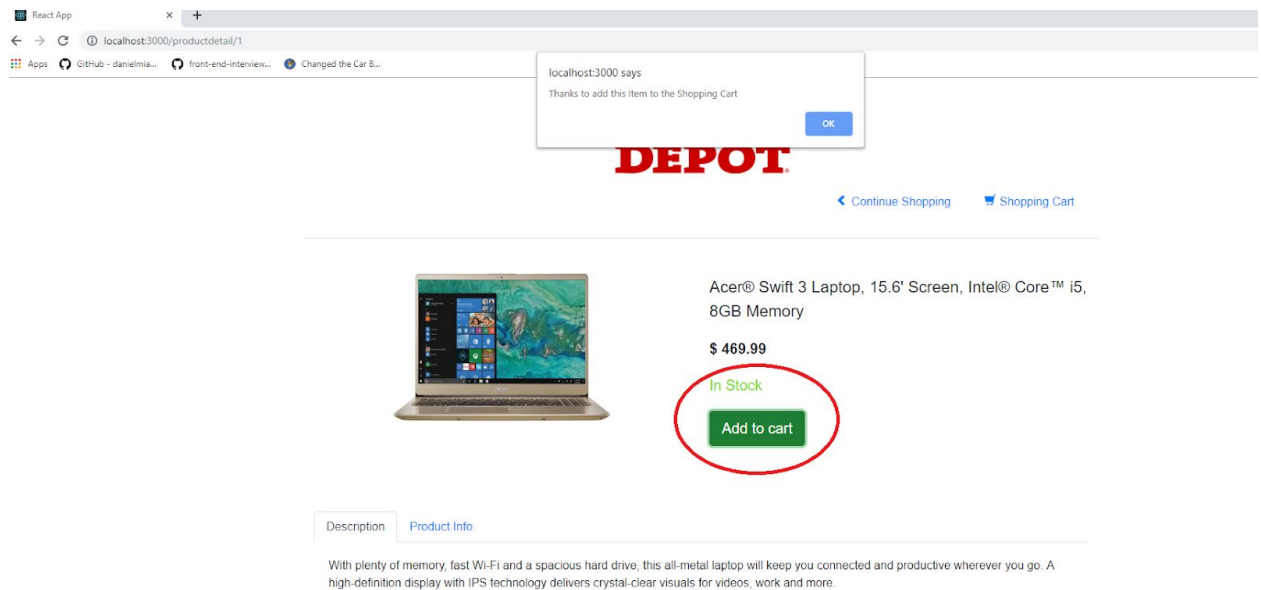
From the main page, click an item that you want to add



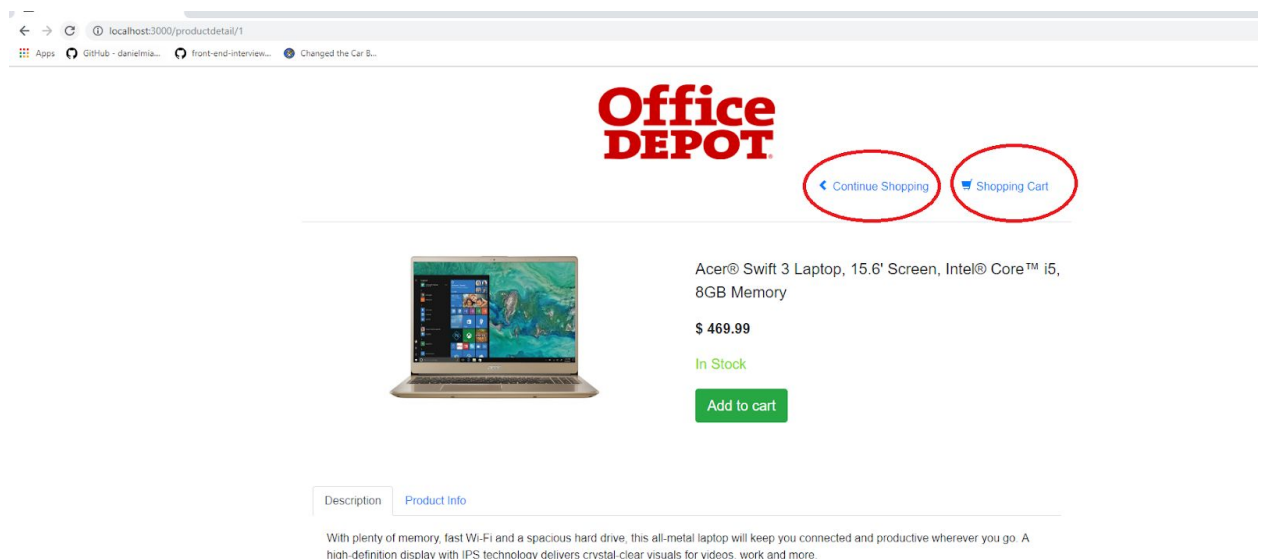
A new window will popup, from there you can click “Add to cart”



The system will inform that you successfully added item into your cart

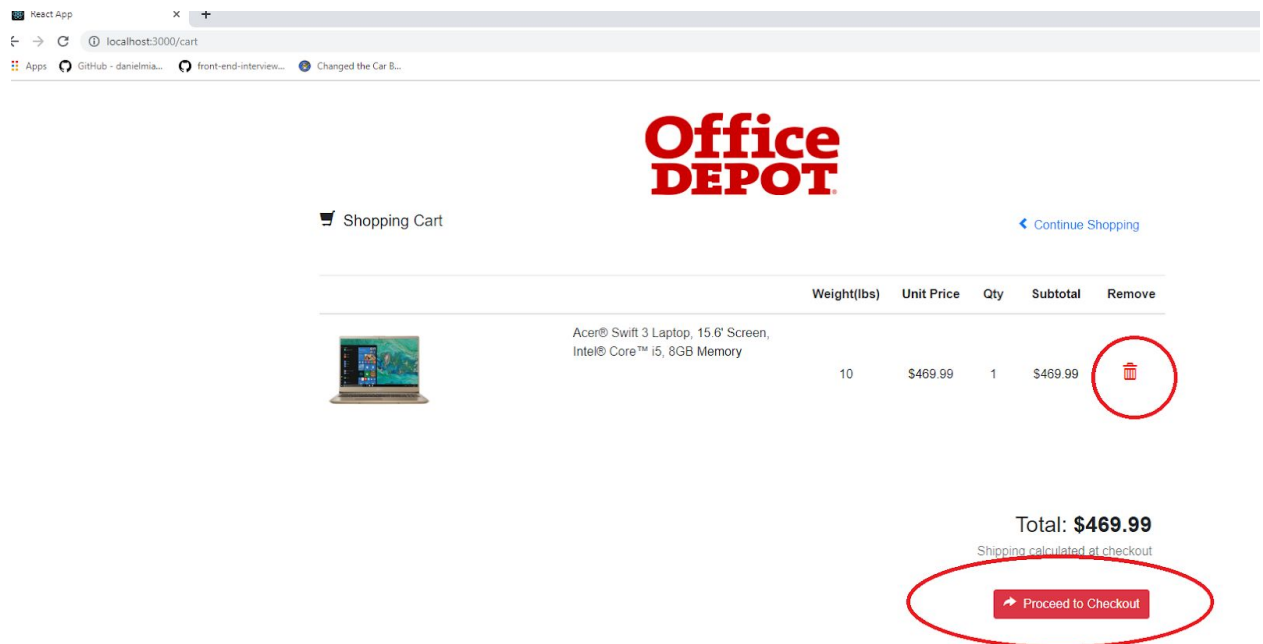


After that, you can click “Continue Shopping” to go back to main page and add more item, or you can click “Shopping Cart” and proceed to checkout



2.4 Check out

Inside the shopping cart from step 2.3, you can delete the item if you don't want to buy it any more, or you can click "Proceed to Checkout"



A new window will popup for you to fill out your information. After entered your information, click "Continue"



Shipping Information

Enter checkout information:

First Name*

testing

Last Name*

test

Address*

1 washington square

City*

sann jose

State*

ca

Zip Code*

95127

Phone Number*

510123456

Continue

From there, you can choose the shipping method

React App × +

localhost:3000/checkout

Apps GitHub - danielmia... front-end-interview... Changed the Car B...

State*

ca

Zip Code*

95127

Phone Number*

510123456

Continue

Shipping method

Pick shipping option:

<input type="radio"/> Everyday Free Shipping Transit time: 2 business days	FREE
<input type="radio"/> Premium Shipping Transit time: 1 business day	\$25.00
<input type="radio"/> Pick up in our Warehouse	FREE

Continue

After that, a new window will popup for you to fill out your payment information. After done all the steps, click “Place order”

← → ↻ ⓘ localhost:3000/checkout

Apps GitHub - danielmia... front-end-interview... Changed the Car 8...

Transit time: 1 business day	\$25.00
<input type="radio"/> Pick up in our Warehouse	FREE

Continue

Payment

Enter payment information:

Card Type*
Visa

Card Number*
1234567891011

Expiration Month*
01

Year*
2021

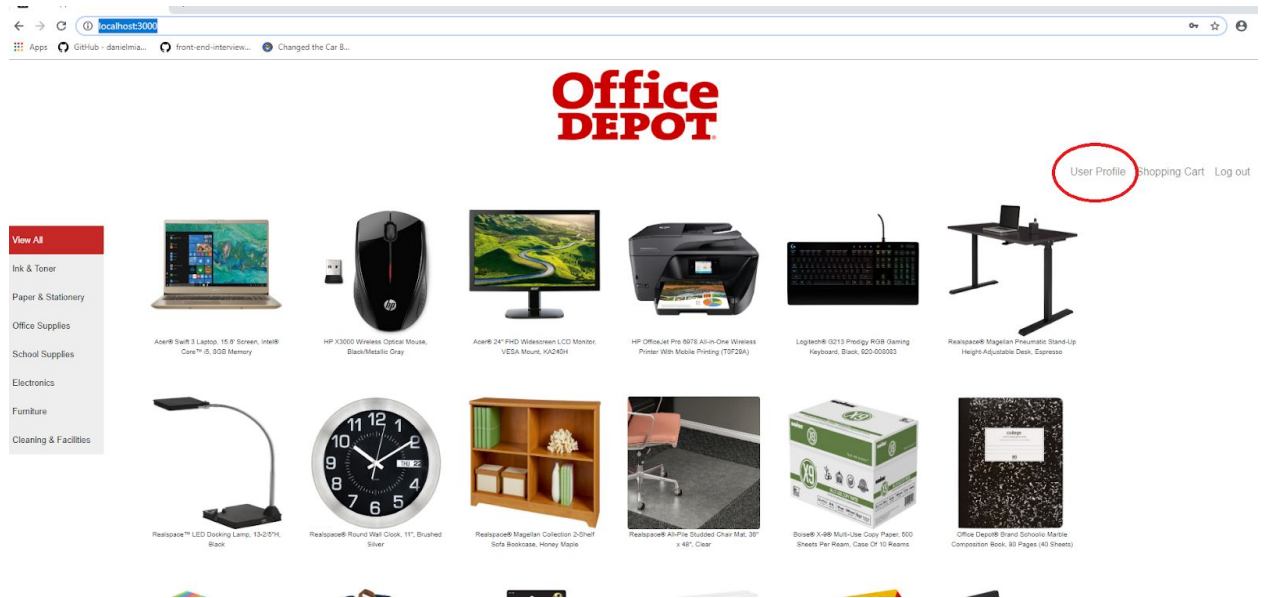
Security Number*
141

Total: **\$494.99**

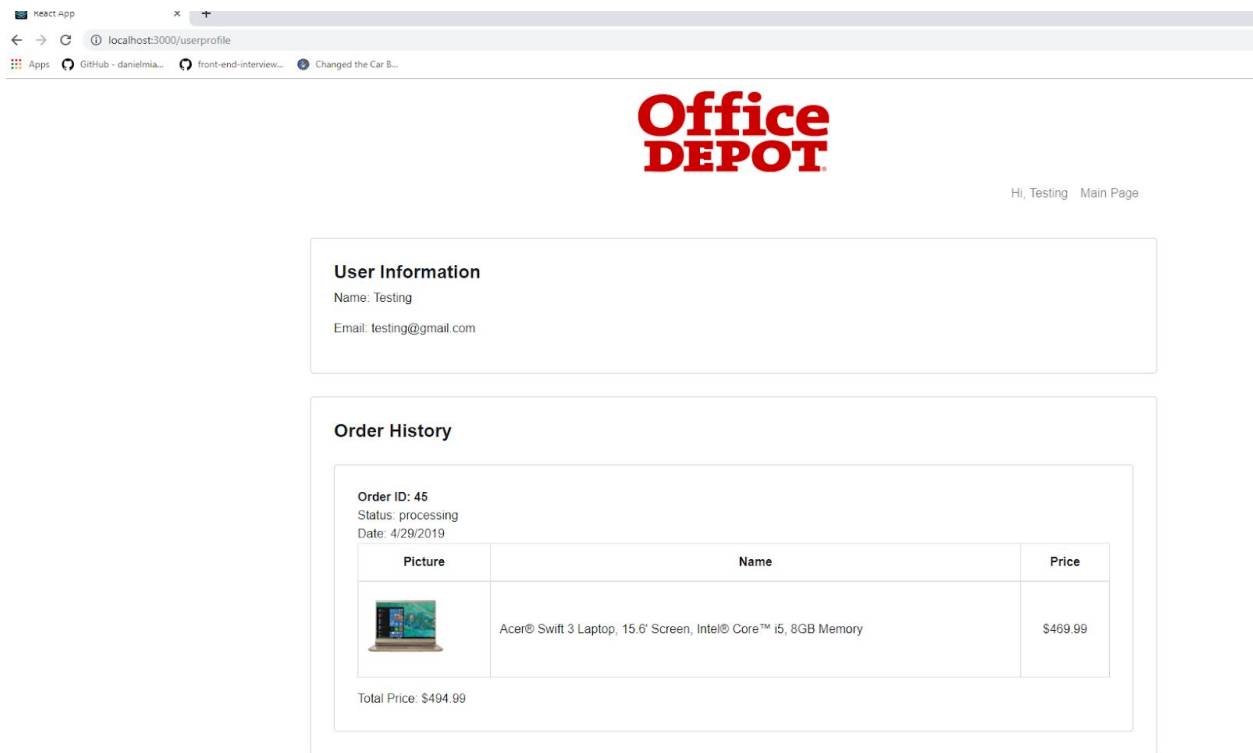
Place Order

2.5 View order history

From our main page <http://localhost:3000/> click “User Profile” to see your order history



A new window will popup and show all your order histories



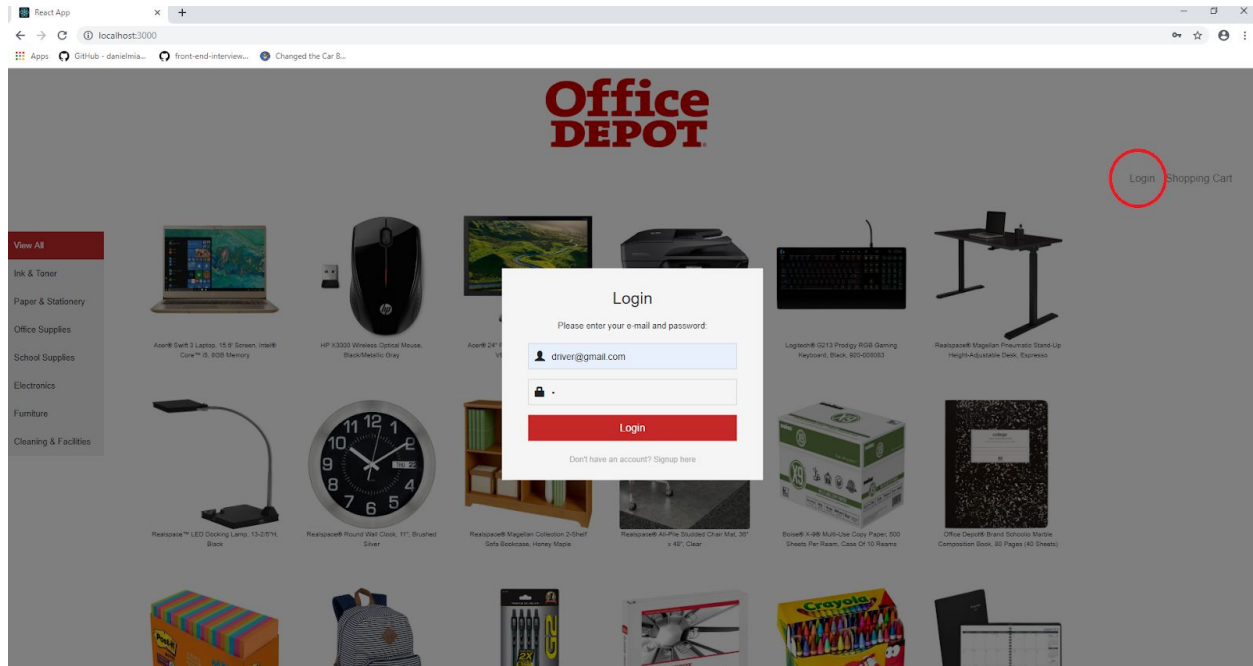
3) How to use our website as a driver

3.1 How to log in with existed account for driver

From the main page <http://localhost:3000/> click “Login” and fill out the information as below:

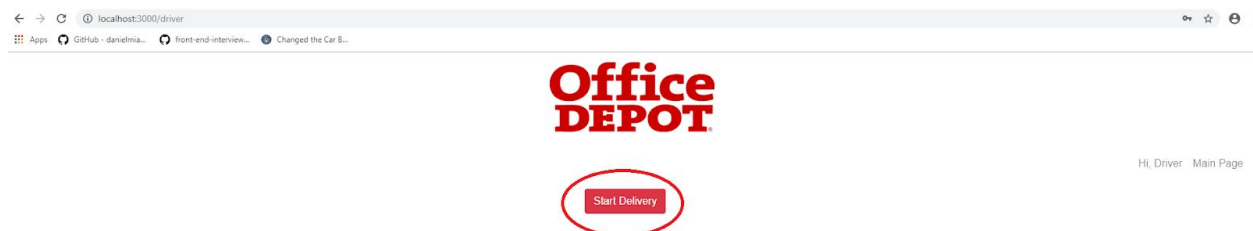
Email: driver@gmail.com

Password: 1

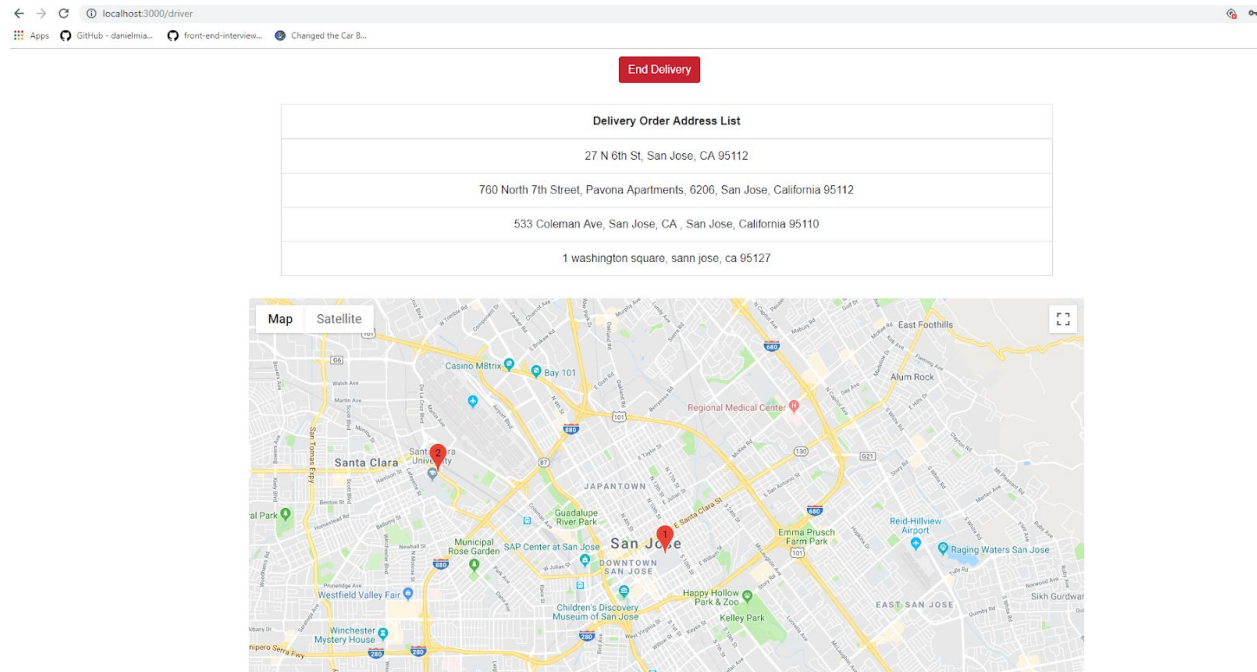


3.2 Get shipping address and get optimized route for delivery

After successfully logged in as driver, there will be a button called “Start Delivery” for getting delivery addresses.



A new window will popup and show the delivery addresses and an optimized route for the driver. Make sure to click “allow access” if a prompt appears requesting your location information



From here, you may then click “end delivery” to mark those orders as delivered.

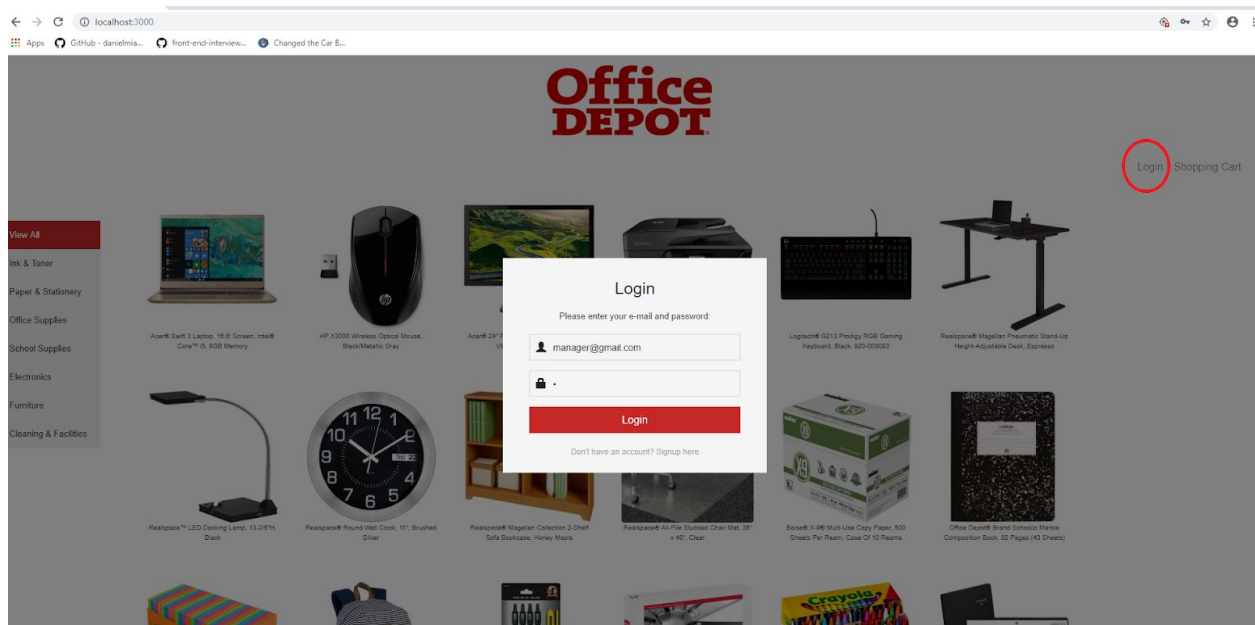
4) How to use our website as a manager

4.1 Log in with existed account for manager

From the main page <http://localhost:3000/> click “Login” and fill out the information as below:

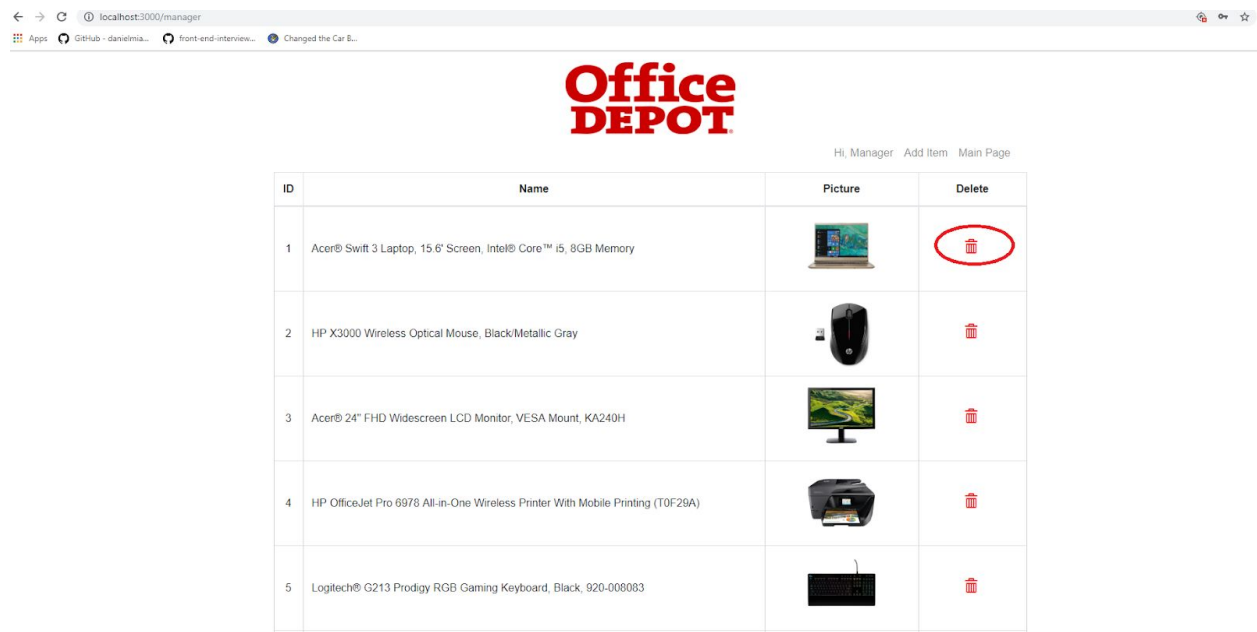
Email: manager@gmail.com

Password: 1



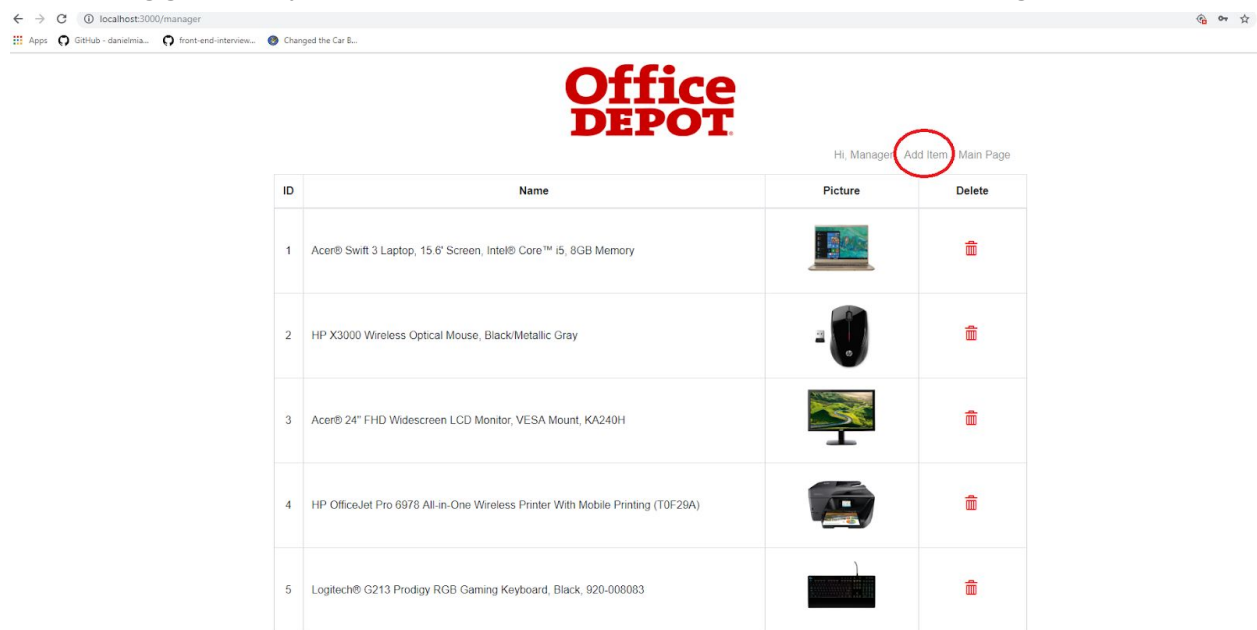
4.2 Delete existed item

After logged in, the page will shows all the existed items. You can delete item from the store entirely by clicking at the remove icon



4.3 Add new item

After logged in, you can click “Add Item” button for adding a new item



A new window will popup for you to enter the item's information

The screenshot shows a web application running on localhost:3000/manager. A modal titled 'Add Item' is open, allowing the user to add a new item to the stock. The form contains the following fields:

- Warehouse #***: A dropdown menu with 'Warehouse 1' selected.
- Quantity***: A text input field containing '100'.
- Price***: A text input field containing '900.0'.
- Name***: A text input field containing 'Dell Laptop Intel Core i7 8th Gen, 13", VGA 1060 Ti NVIDIA'.
- Weight***: A text input field containing '9'.
- Description***: A text input field with the placeholder 'Enter Item Description'.
- Category***: A dropdown menu with 'Electronic' selected.
- Picture***: A text input field with the placeholder 'Enter Item Picture Uri'.

At the bottom right of the modal is a red button labeled 'Add Item'. In the background, a table of items is visible, with columns for ID, Name, and Delete. The table contains the following data:

ID	Name	Delete
2	HP X3000 Wireless Optical M	
3	Acer® 24" FHD Widescreen	
4	HP OfficeJet Pro 6978 All-in-	
5	Logitech® G213 Prodigy RG	
6	Realspace® Magellan Pneum	

After filled out the data, click add item.

If you enter a new item ID, then a new item will be created for the stock

If you enter an item ID that already exists, it will update that items quantity and price only