

Carlos Mendoza

Professor Bhupendra Acharya

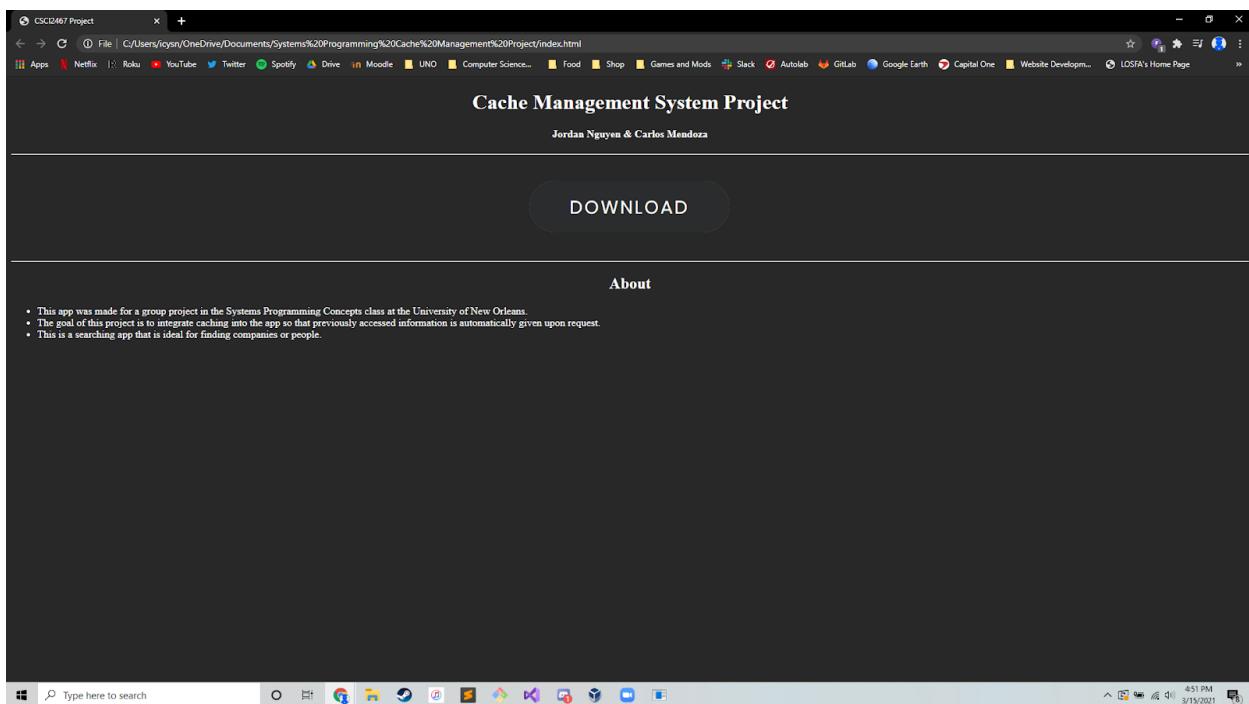
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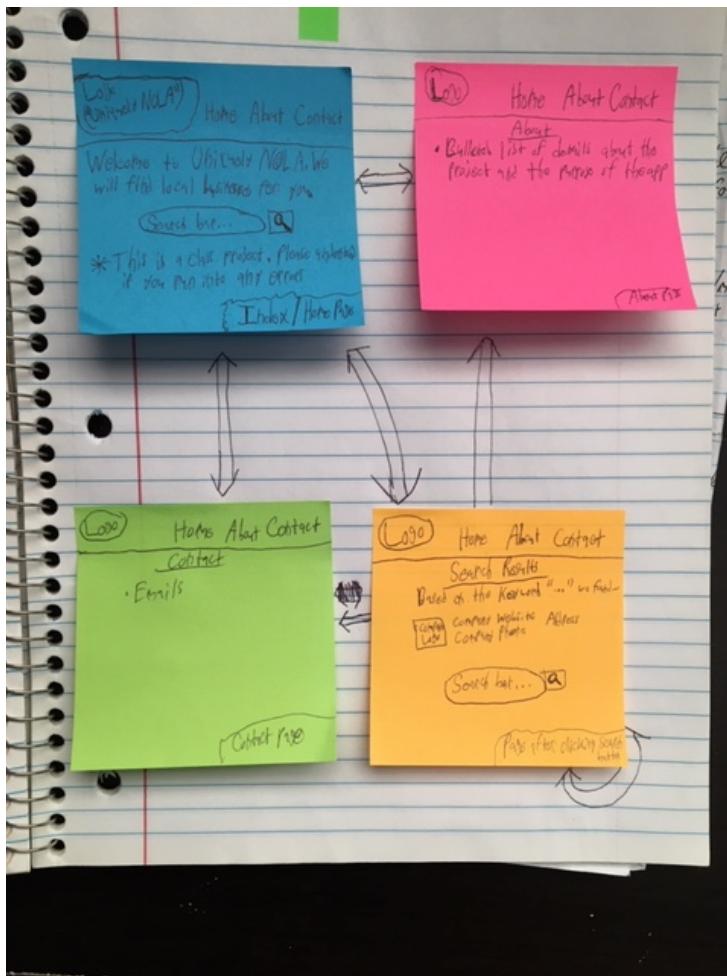
**Group:** Jordan Nguyen & Carlos Mendoza

### Self Review: Cache Management System (Carlos Mendoza)

As my individual contribution to the project, I worked on the base layer of the website and the search function for the app. After finalizing the idea as a group, I started my work on the project by creating the most basic form of the website, learning HTML, CSS, and Javascript along the way. I showed a screenshot of this in my ongoing report.



At the time, it was planned to be a desktop app. However, we found that it would make more sense to implement caching on a website with a web app. This is when I started to come up with the idea of a simple search function integrated into the website. This is how Uniquely NOLA came to be.



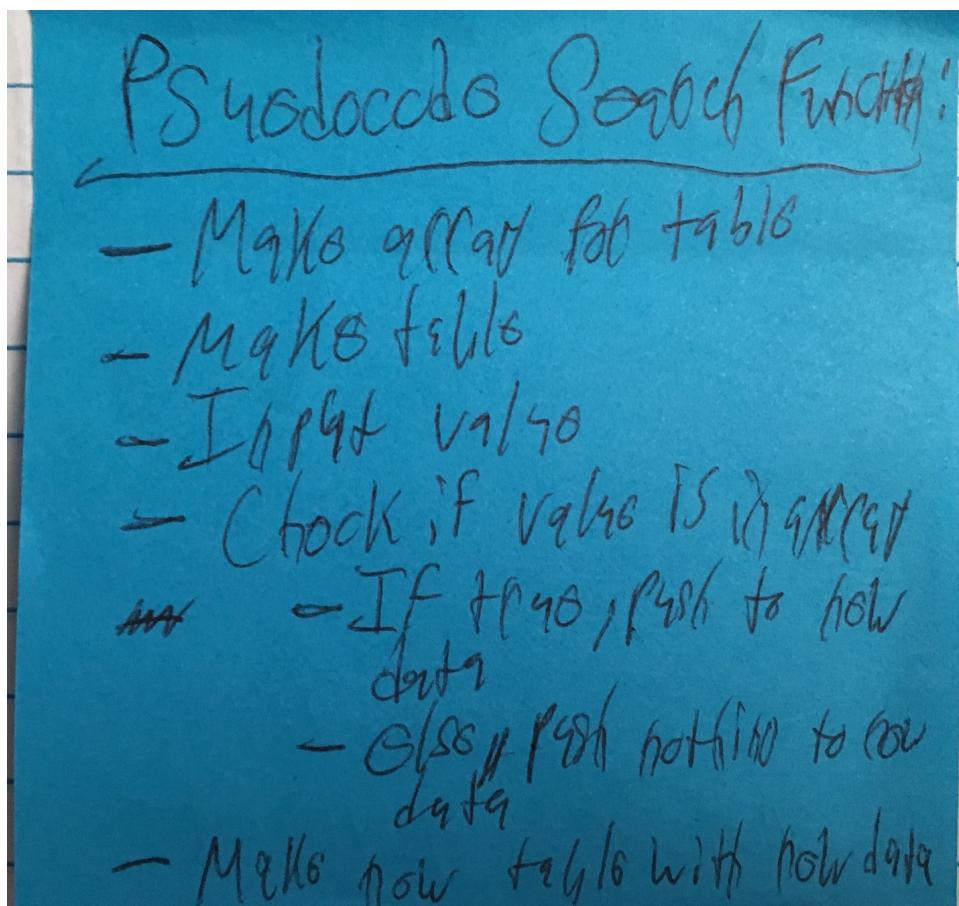
To help make the website look more professional, I used AdobeXD and the WebExport plugin. I then adjusted the size of the CSS properties and the final base structure of the website was complete.

The website features a header with the logo "Uniquely NOLA" and navigation links for "Home", "About", and "Contact". Below the header is a search bar placeholder: "Type in the keywords or attributes of the desired local business in the search bar below.". A table displays a list of local businesses:

Name ▲	Website ▲	Address ▲	Phone ▲
Energy Smart New Orleans	http://www.energysmartnola.com	Online Only	(504) 229-6868
In and Out Urgent Care	http://www.inandsouturgentcare.com	6225 S. Claiborne Ave New Orleans, Louisiana	(504) 864-0090
Backatown Coffee Parlour	http://backtownnola.com	301 Basin St. # 1 New Orleans, Louisiana	(504) 372-4442
Brady's Wine Warehouse	http://www.bradyswinewarehouse.com	1029 Oretha Castle Haley, Ste. C New Orleans, Louisiana	(504) 662-1488
Deep Fried Advertising	http://www.deepfriedads.com	4109 Tchoupitoulas St. New Orleans, Louisiana	(504) 224-9549
Derby Pottery & Tile	http://www.derbypottery.com	2029 Magazine St. New Orleans, Louisiana	(504) 586-9003
Gambit	http://bestofneworleans.com	823 Camp St. New Orleans, Louisiana	(504) 406-5900

I took heavy inspiration from the StayLocal website. After looking into some Javascript search videos, however, I realized that I could make my app efficient and easier to use compared to the site I took inspiration from. This led to my creation of the search function pseudocode which filters out items from the database which all happens on one page. The database itself was made before the search function in order to have all of the elements in an orderly fashion.

The app consisted of building a table based on the data you type in the search bar. I included a Google API for JQuery and a stackpath bootstrap link for better performance on the main page.



As I mentioned in the presentation, I can see myself individually contributing more to this project in the future by implementing and looking more into web scraping. I want this website and app to be useful and though it only slightly replicates the company searching experience, I can see this website being something that is greatly useful in the future.

All of the pictures you see in this review were included in the design folder of our project.