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**Website Report**

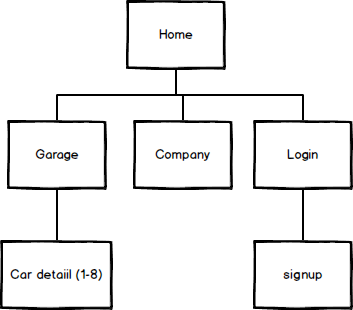
As we know website is made up of multiple files and these files need to be stored somewhere, which is why we have database of each category of our website. Web pages are written in Hypertext Markup Language. A markup language is a computer language that describes the layout and format and the content of a page. The Web browser renders the page according to the HTML code.

Writing code for our html page was the difficult part but we managed to make our webpage look more creative. The web page looks different to what you see in the browser. When you view the file with a text editor or HTML editor, you'll see the HTML tags writing in codes, tags etc.

Most webpages contain link to other pages and these link can be internal links to other page but same websites. For example, when you visit our website you will see different categories like (company, garage) etc. when you click on then the webpage will be directed to another page but same website.

**X Auto’s ordering System Front end webpage**

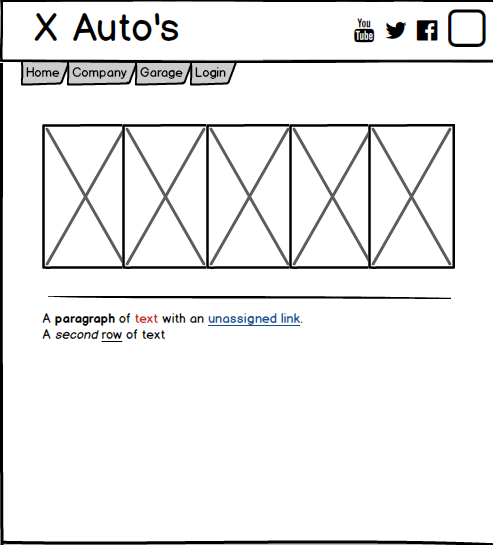
X’ Autos Is a hypothetical used car dealership that is coming to Newark NJ. They serve to the masses and they need to reach users via web. X Autos has requested a website to sell cars off there lots. The website’s flow of information is shown here:



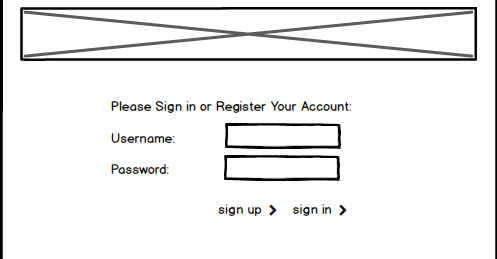
The home screen and all subsequent sites will have the following menu bar:



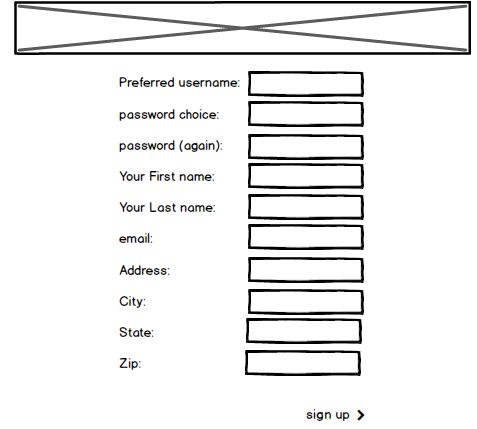
The company homepage will be the first page the user interacts with, the site will display images of cars that will be on sale for the week. Underneath the images a user will have two links, one for login and one for company info.



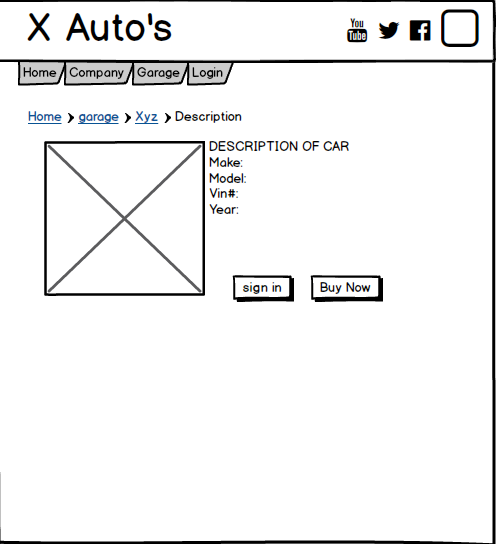
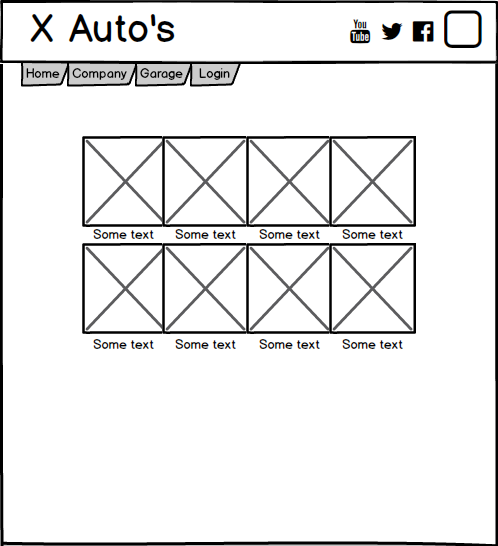
The login screen is for existing users to login, login credentials are user name and password protected and will allow users to access to the full site and be able to view inventory and price. There will also be a company banner over the form



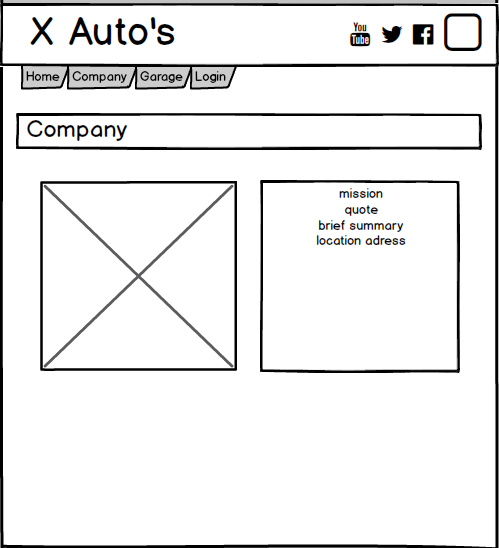
If the user does not have a user name or password they can sign up for free by filling out the sign up form: Note. (The sign up form is high detailed due to the business type).



The garage is the main purpose of the site because this is the merchandise that the website is mad for, the layout will match the simplicity of the other pages to show the continuity of the website. A grid type layout will show the cars currently on sale and will allow a clickable link to show the car details. Which will include more information about each vehicle.



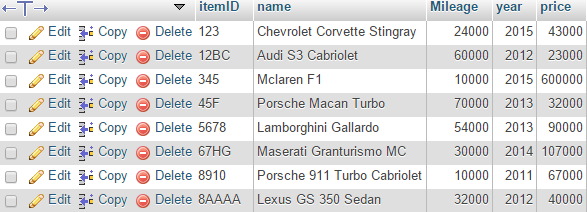
The last page is more details about the company. They will have a picture of the logo side by side with text. The text will have company mission statement, a quote that describes company services, address and other locations if any.



**Back End**

* We designed both the back end the front end of this website. First we created a database called inventory and customers. The inventory basically includes the products in our website and the Customer table consists of all the users who are able to login and purchase the products.

**Customer Table:**

**Inventory Table:**

* If you do not have a user id, you can register through the register page. Once you have registered, your information will be stored into the customer database and giving you access.
* This is information which allows php to access our databases in phpMyadmin and retrieve or store information.

**$hostname="sql.njit.edu";**

**$username="pp396";**

**$password="OWN6mhImS";**

**$project="pp396";**

* This basic php code will retrieve the information you enter in the input fields.

$username = $\_REQUEST [ "username"] ;

$password = $\_REQUEST [ "password"] ;

$FirstName = $\_REQUEST ["FirstName"];

$LastName = $\_REQUEST [ "LastName"] ;

$Address = $\_REQUEST [ "Address"] ;

$zipcode = $\_REQUEST [ "zipcode"] ;

* Once you have registered, you can begin to purchase the products. Our company happens to be a warehouse which sells used cars. Most of these cars happen to be super cars with a hefty price tag. These cars are not widely available and therefore we only have 8 in stock. Once the user logs in and selects a car or cars, their items get grouped together into a table. The id portion of customer cart is the id of the customer, so that we can link customer who purchased that product. The total price of the purchase is also listed.

**Customer Cart:**



* Once you have picked your cars, you will be then be directed to the checkout page which will allow you put in your billing information and credit card information. Once you have put in the credit card information and billing information, you will directed to another page which will basically thank you for your purchase and notify you when your purchase will be delivered to you.
* The languages we used for this project is HTML, CSS, PHP, MySQL, and JavaScript.