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Final Project Write-Up

For this project, I created a salon website that was fully responsive with mobile devices and desktop device. My goal was to make this website as robust as possible with full ability for users to log in to their account, view appointments they made, and delete appointments as needed. I also am going to use this website for an actual salon in my area, so I kept usability at the forefront of my mind when programming this website. The trickiest part was implementing the database being aware of what a hairstylist would want.

Admins can log in and view all of the available appointments separated by each stylist and their scheduled appointments accordingly. I handled user and password validation with an ajax call to processlogin.php which selects username and password from a database and ajax's errors if found. If the ajax data return is equal to "Login Successful", then the session is started and the user will be directed to their dashboard page. Admins have a special page where they can view every appointment on one page and delete accordingly. The truly trickiest part of this project was (believe it or not) the deleting of appointments. The concept of it is simple, but I wanted to use an ajax call to implement this deletion. The confusing part was that the ajax call was in a php echo statement where the ajax call would .post to a separate php file where the deletion would take place. The problem I was having was that the data being returned by the ajax was set to json. When I changed this required data type to the default HTML, I was good to go.

From a usability standpoint, I am very happy at the turnout of the project. I'd be very happy using this as a stylist as it is straight-forward and robust. Navigating from page to page as a client visiting the site is a breeze. To book appointment, just click up in the highlighted area. No user account is needed to book an appointment but if the client wanted to update their appointment later on, they would want to log in. In addition, logging in to book an appointment is beneficial because there are a few fields that the client won't have to enter like name:, email:, phone number (these values are already linked to their account upon account creation).

The third parties I used for this project were JQuery, Google Maps and Bootstrap. Inside JQuery, I used the datepicker function for client date selections for their appointments. Bootstrap handled the front end and the responsive behaviors when the window is stretched around or used on a mobile device. I also used backstretch to implement a wallpaper in the back of the page. The contact section has a Google Maps implementation focusing on the address of the salon location. JQuery was useful for ajax calls in deleting appointments from the database and was also useful for the ajax calls in data validation.