

## **Web & Script Programming**

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Our group has made a new faculty website that will surely impress you, below you will find everything you need to know about our website such as our design choices & functionality going in depth of why we did things a certain way and the advantage of it, we will also share the technology sources we used

We decided to make our design is very minimalistic but informative and interactive, the reasons behind this are when you go to a website and are bombarded with a bunch of information at once or a bunch of transitions you are overwhelmed, we decided to stray from this by keeping the design very simple for example we decided to keep the colours neutral so that the main parts of our website are standing out, we also tried to keep the amount of information to a minimum but if you did want more detail we have incorporated buttons that will display more information on the subject so you are not bombarded with a bunch of information all at once, we also added picture wherever necessary again trying to capture our audience's attention but not going overboard with pictures as that would be straying away from our goal of keeping a minimalistic design, our website also has other minuscule details such as the buttons there is a slight fade in and out and for a few other buttons instead of the normal hover function we decided to add a different transition we also have other unique details like this that the user might not notice but we put in the effort to each detail showing our value to our audience we also displayed the information in various ways such as columns and etc. so that the user is not bored when they are browsing the website and they see all the small touches we have made for the users benefit

Our website is very functional as it allows for all main pieces of information to be displayed at once, we also incorporated hyperlinks wherever we thought applicable so that if the user has any further enquiries they could do so with the provided hyperlinks, our page for publications provides the user to enquire about there professors and gives them a chance to see how qualified their professors are and see the previous work they have done, the teaching page allows future or even current students to see the courses the faculty offers and provides all the information about the course so that the student can make a well informed decision of the course is suitable for them, the research group page provides the user with an idea of all the successful students the faculty has advised so they can see what they look forward too, and lastly our contacts page provides all necessary information the user may need to reach out and enquire about the faculty we have also provided a map which shows the location of the university this can also be used to navigate to or from the university to your desired location, and the most functional part of our website which we believe to be the admin pages these allow the admin to make various changes on each page with ease such as allowing faculty members to update biographies, faculty can add current new to the news page so we aren't viewing old news, faculty members can update their up to date research projects, faculty members can also update list of students and courses, faculty members are also able to update the contact information so users of the website can always contact the faculty

Of course, although a large percentage of the website was made with our knowledge we of course had to do a bit of research for places we got stuck so here are few of the sources we used, <https://www.w3schools.com/js/>, <https://fontawesome.com/>.

