

Assignment 3 - Report

Throughout this project, my partner and I worked on all components of this project such as setting up the SQL database and integrating SQL queries it into our Flask code, implementing all of our features including Javascript, as well as making our website visually appealing. For the breakdown of this assignment, Shruti worked on 55% and Jeevika worked on 45% of this project since Shruti had spent more time implementing certain features within Flask.

While my partner and I were working on this assignment, we were able to implement many features to our website. One feature of our login is that all pages of the website are protected, meaning no one is able to view any pages without logging in. We also made sure that if you are logged in as an instructor, you will not be able to view any of the student pages by typing in the URL as well as the other way around. Another feature of our login and signup pages is that we have catches for all errors, such as incorrect username or password, utorID already exists, etc.

After logging into the website, for students, one feature we implemented was that a student can view only their grades for all assignments and tests. Another feature for students is that they are able to submit a remark request for any evaluation on the same page where they can view their grades. Lastly, they are able to submit anonymous feedback to any instructor and only this instructor will be able to view this feedback.

In addition to the features above, we carried out certain features for instructors as well. One feature for instructors is that they can view every grade for all students and they are also able to enter or modify the grades on the same page. When a grade is entered, the page will refresh and the grades that the instructor can view will be updated. Another feature for entering grades is that they can only enter grades for students who have signed up for the website, as this will prevent an instructor from adding random students. The third feature for the grades pages is that an instructor will only be able to enter numeric values and it must be between 0 and 100. Lastly, every instructor will be able to view the remark requests of all students and view only the feedback that has been given to them.

Overall, this assignment was challenging, but my partner and I were able to learn a lot about different web technologies and it was very rewarding to see the final product.