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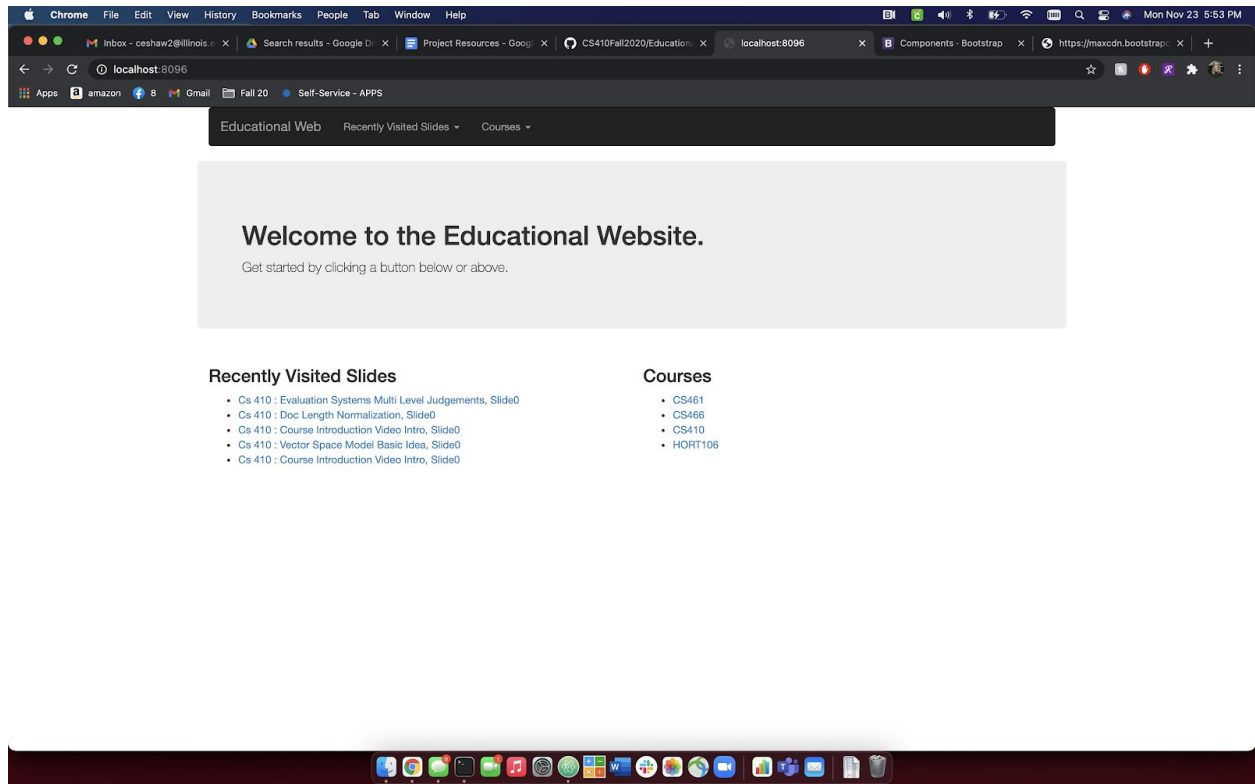
Final Project**Introduction**

The project we decided to focus on creating a tool to help students navigate through multiple slide decks and be able to easily find similar slides to topics that students are attempting to search for. Our team focused on expanding the EducationalWeb System by adding functionalities to improve navigation between slides and uploading/downloading. Our datasets included the entirety of the CS 410 slides from coursera along with other courses. We decided to use similar techniques to the current Web of Slides and connect new slides to the web framework by using a combination of TF-IDF similarity and word embedding based similarity.

Features

Our project allows for downloading multiple slides at a time along with the option where you can add any slides you like, and then download them at the end of your session. For the main layout of the application, we created more than one page for this application so that it can easily be expanded on in the future. With this goal in mind, we decided to create a homepage where you can see all of the current classes listed that have slides, and then once selecting, it will bring you to the slide page that is currently in production now. Additionally, we have made improvements on the current user interface of the slides page. We have changed the way the

image for the slide is generated, and convert it to a jpeg to help with seamless loading and to give the page a more holistic feel.



Challenges

Our team faced multiple challenges with this project. It was challenging to set up the Education web system on our own devices however, luckily, we were all able to have it running on our computers. Another challenge we faced was being able to upload our source code to github since the files were so large and github struggled to upload them all however this issue was fixed by omitting the large files. Lastly, our biggest challenge was being able to have our features fully functioning. We struggled to create functioning features due to having to also learn the given code and be able to make it work with our vision.