Cherrell Finister

CMSI 402 Project Proposal: Decadal Clock

Description:

The application being created by Cherrell Finister is Decadal Clock, a interactive and digital storytelling application. Decadal Clock allows users to select different time periods (decades) and explore the style and the most popular shows, movies, fashion, and trends during specific decades based on which one the user selects. The layout of the application will be of a digital analog clock; there will be a web-based application and a multimedia installation of a screen that will be triggered by the user choices on the application. This application is a mix of both arts of coding and multimedia software to have an engaging interactive user experience, as well as teaching the user about select decades along the way. Programs close to an application like this are out there using the term "digital storytelling". Some examples of applications that will be near to the idea of Decadal Clock would be The *Assassination of Abraham Lincoln* , as it is a web-based application that teaches about the assassination of Abraham Lincoln through a interactive map with different key location areas. The user can select those areas and this will trigger a picture to pop up with information about the place and what happened to Lincoln in that location or what was currently happening that lead to his death. The stories being told are completely separate, but the idea of teaching decade based information through interactive mediums is heavily similar between this application and Decadal Clock. The goal for this application is to have at least four decades done for users to explore, a user-friendly web-based application that can be set up to use on a mobile device, and digital monitor installation of a digital analog clock to use with the application. This application will be developed using either

Javascript or React (I have yet to pick), HTML, CSS, and Bootstrap. The users will use the application via mobile device and monitor displays in installation form.

Justification:

Decadal Clock will be a good fit for this 402 class for me for multiple reasons. Now as a Individualized Studies major, this application allows me to combine everything that I have learned throughout the last four years of both mediums of both art and technology. Combing the use of multimedia and computer science skills to build a cohesive application that shows all of the skills that I have gained. This project will highlight skills learned in Programming Languages, Interactive Design, Multimedia Narratives, Online Computer Arts, and several other mixed media courses in both CS and art discipline. The project is about demonstrating what I have learned through my time here and why my major has strongly impacted my way of thinking, learning, and showing others how they can learn as well. For me this project will be incredibly hard because not only will I have to potentially learn a new language, but also build a application that can work with a real-life installation that can trigger "experiences" with users. This is something that I have never done before and will force me to learn new skills such as working with monitors, building a working stand alone application, and many others. I believe that the whole semester is enough time to reach the goal of at least four decades because each decade will be able to have its own attention, along with allowing me the time to learn how to work these new technologies and build a comprehensive multimedia project. My estimate is about eight to nine weeks on this project with in week nine the multimedia showcase of the work for the following four weeks. A lot of people who I have discuss this idea with have been

extremely interested and I am excited to bring my idea to life. I want to be able to show to not only others, but to myself as well that anything is possible.