

The idea I have crafted for the Capstone Project is something I call the Vibe Killer. It is meant to be an entertaining time killer for users of all backgrounds. The idea is to have a webapp where the user is asked how they are feeling. There will be a set of standard responses like "happy", "sad", "angry", etc. For whatever mood the users select, a YouTube music video will appear that is the opposite of that feeling. For example, if the users say they are feeling happy, a video of a ridiculously sad song will appear. If they are feeling sad, an over the top happy song will launch. I plan to have a multitude of possible videos for each mood so the outcome isn't predictable and a transition message between the question and the video that is comedic and adds to the entertaining aspect of the experience. I will also look into building playlists from the moods selected using the Youtube API.

To do this, I will use Bootstrap to build the framework for the site. This will ensure the site is responsive from the jump. My plan is to also use Angular to run the different views for the project and the Youtube API to power the videos. I will utilize HTML and CSS to make the site look sharp and elegant. The overall plan is to keep it simple, with minimal text on the page. I will have a nav-bar to return to the home page and pick a different mood for those who want to go that route. I don't know what sites I could compare it to, but I do know the look I want. Simple, full length pictures depicting a person with a poker face on the home page where it asks you what mood you are in. After you select the mood, the picture changes to match that mood along with the transition message I discussed earlier, and then a page to launch the video. I will need to look into if I can get a player working in the site or if it will switch to a Youtube page. I would prefer the embedded player. Javascript will be implemented to transition smoothly from view to view and to call up the correct image and message after the question is answered.

I plan to use Google Analytics to track user behavior when using the webapp. I will make sure there are alt text for all images and subtitles for videos. When I deploy, I will use Github to host the repo so the site can be seen on my domain at razorbuild.com

I predict the most difficult aspects of the project will be getting the Youtube API to work and also understanding how to use Angular. But I feel that if I run through the Weather App project again I can cover the Angular and with extensive research, I can get the API rolling. All of this will also be bolstered by the support of my instructors as well. But not getting these down could definitely bog down my progress.

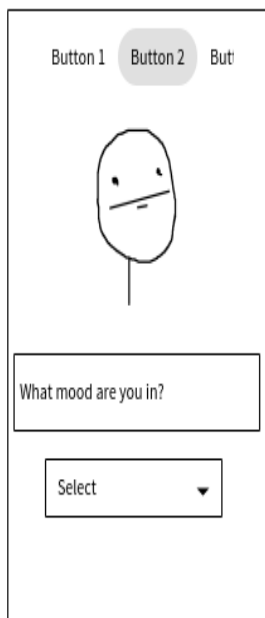
Week One: Lay out Bootstrap Framework and HTML and basic CSS. Study Angular project from last quarter and Youtube API documentation.

Week Two: Get Angular rolling along with Youtube API working.

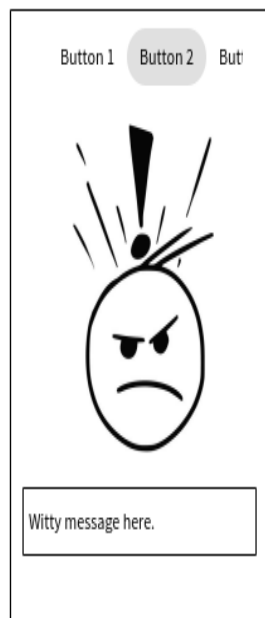
Week Three: Get views in place, work on gathering videos and images. Implement JS for transitioning from view to view. Lock down API by this point.

Week Four: Iron out any problems, check for accessibility and remedy any issues, finalize overall look.

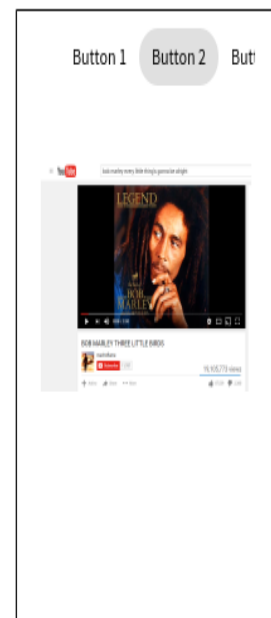
Week Five: Finalize and deploy.



Home View



Transition View



Video View