

AURORA

WELLBEING APP

MAIN OBJECTIVE

We have created a wellbeing app for those who need assistance with their mental health, or anyone who would benefit from a mental boost. There are many apps already out there to help with physical health, but fewer to help with your psychology. With a few pre-programmed suggestions, our algorithm detects the most prominent issue and tries to help. The community can submit responses to our servers, or vote on which responses helped them.

TEAM

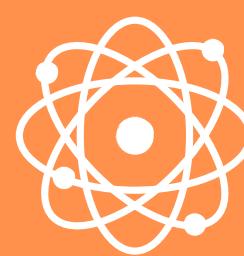
We have a small team, comprised of just two people. We are called team IonizedNinja, a combination of our GitHub usernames (github.com/ionizedelectric and github.com/ninjabear6).

Abbas (aka IonizedElectric) was our primary app dev, due to extraordinary patience and many late nights on the project. He made the app and server work.

Charlie (aka NinjaBear6) was our designer and web developer, due to creativity and better design skills. He created all our images and logos our website, our video and this poster.

OUR WEBSITE

For more info, visit:
ionizedelectric.github.io



CODING

App

Server

Our server was created with heroku and django.

Application

We coded our app in HTML, CSS and JavaScript as we were familiar with the languages. Technically, we used .ts files (typescript) instead of javascript and just one .gcss (global css) file for styling, but it was close enough for us to work with. Use of the Ionic framework helped us to ensure we could turn our design into Android and IOS apps easily. Naturally, we used GitHub for everything.

Website

GitHub pages

We used GitHub pages for our site. Although somewhat limited, it was easy to work with and offered a free way to get our site out there. There was little choice in the url - it had to be one of our GitHub usernames.

DESIGN

App

Server

Our server is backend and so design is unimportant. However, we were sure to structure it carefully and logically, to our plan.

Application

We mainly used the styling that the Ionic framework provides to ensure cross-platform compatibility. Although minimal, we consider the styling adequate. We created a pdf of our app concept.

Website

Styling

We used creative but simple CSS to create a really professional feel to our website. Sometimes when you use a website, you feel and see how simple it is. We aimed for the feel that you are using a website, not just a HTML page with a download link.

Responsiveness

A problem with a site we had constructed previously was the lack of appropriate sizing for phone screens. The whole thing looked ridiculously small. Through a lot of effort, we eliminated this issue by using a responsive design. This was particularly important as our website was meant for phones to use when downloading our app.

REFLECTION

Teamwork

We had to recognise the importance of teamwork in this project. We carefully divided up roles and ensured there was communication between us (by sending each other 10,000 texts a day). This team interaction increased our team dynamic well. Delegation of responsibility bases on our individual skill sets helped ensure we got the most out of our time.

Issues

A Disclaimer

Although our app is useful for helping alleviate stress and sooth other basic problems, it is no substitute for a mental health professional. Improved versions of our app would recognise the warning signs and refer the user to a doctor if a possibility of self-harm etc. came up.