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IDV 301

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Brief

During this introductory theme, students will plan and create a website for an academic library. This site will be created for use on a mobile device, and will consume an API. Students will also be required to create the API to be consumed by the mobile site.

Technologies used

The technologies I chose to work with is:

Front end Responsive Framework – Bootstrap

Front end Web App Framework – Angular.js

Back end – PHP

The reasoning behind choosing these technologies was for the easy and comfort they offer, I was verse in PHP and JavaScript and as such found it quite easy to learn and implement Angular.js. I chose to use bootstrap as it is very easy to pick up and one of the easiest frameworks to find help on.

During the entirety of this project I was a bit confused and disorientated to get started and work on from that point, but once I did find my flow, the rest came easily.

The approach I took was creating my API then the angular app. I then drew up basic wireframes of what I imagined for the page, although I didn’t stick to that, and made a quick mockup of what functionality it should have. I then used a bootstrap template for a basic look and feel and adjusted it for my Library App and coded in my html structure and injected my API data into it. Lastly I appropriated my app to all the new functionality that I needed as I went on with the project, finally ending up at my end product.