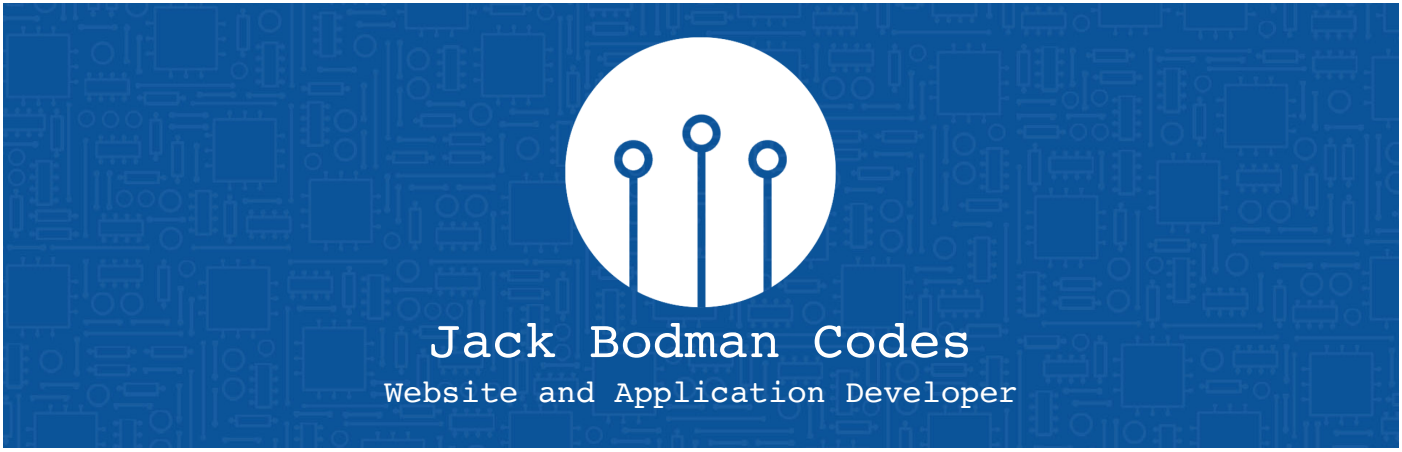

Jack Bodman Codes
Website and Application Developer

Table of Contents

Introduction 1.0
- About 1.1
- What I Do 1.2
- Contact 1.3

Projects 2.0
- Transmedia 2018 2.1
- Alculator 2.2
- Project Box 2.3
- Whitchurch Silk Mill 2.4
- LUFC News Templater 2.5
- Creanu 2.6

Introduction 1.0

About Me 1.1

Biography

My name's Jack Bodman, I'm a Creative Developer based in Winchester, UK. I use the latest front and backend technologies to develop stunning websites and applications.

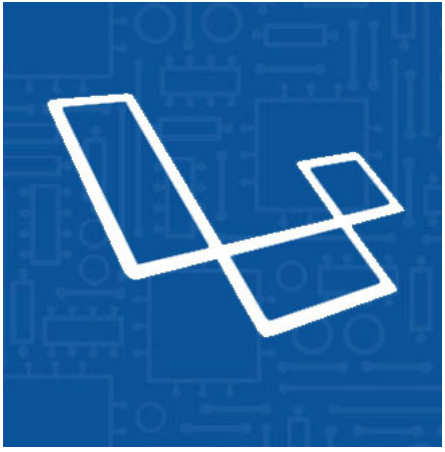
Education and Experience

- Deeside College - Level 3 Btec in IT
- University of Winchester - BSc in Digital Media Development
- The Designlab, Basingstoke - Junior Developer

Languages

- HTML
- CSS
- JavaScript
- PHP

What I Do 1.2



Laravel Web Apps

I make use of Laravel to develop web applications ranging from template assitants to fully functional social media websites.

Wordpress Websites

I build unique wordpress templates for clients looking to make their websites stand out.

Ionic Mobile Apps

The Ionic framework allows me to wrap simple web applications into Native Mobile Apps for IOS and Andriod Devices.

Contact Details 1.3

Add Me On Social Media

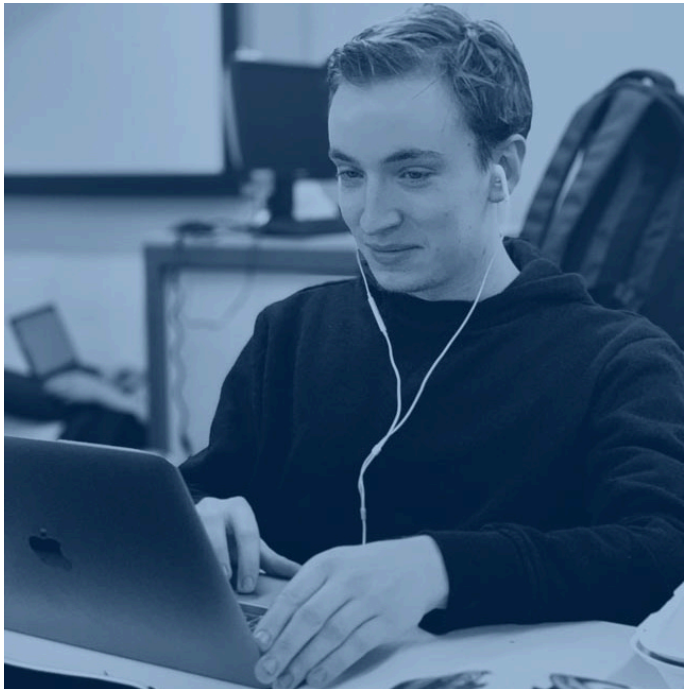
- www.instagram.com/jackbodman.codes/
- www.linkedin.com/in/jack-bodman-77a152158/

View My Work

- www.jackbodman.codes
- www.github.com/SlothmanBodman

Email Me About a Project

- hello@jackbodman.codes



Projects 2.0

Transmedia 2018

2.1.1

About

During second year, our year group was tasked with planning and marketing our end of year show also known as Transmedia. My job was to create a promotional website based on the branding guidelines.

Technologies

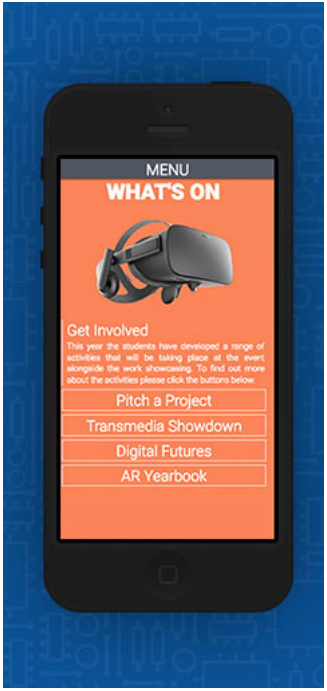
- HTML
- CSS
- JavaScript
- jQuery

View Online

www.dmd-winchester.org.uk/transmedia2018/

Transmedia 2018

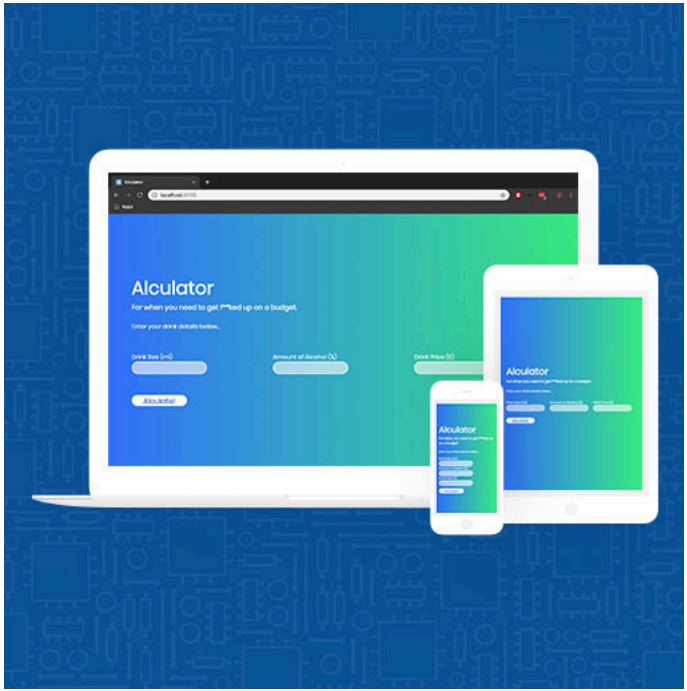
2.1.2



Alculator 2.2.1

About

Alculator is a mobile and web application that allows users to work out the millilitres of alcohol per pound in a drink. Developed as a one page website it was then wrapped with the Ionic framework to create a native mobile version of the application.



Technologies

- HTML
- CSS
- JavaScript
- Ionic Framework
- Xcode Development Environment

View Online

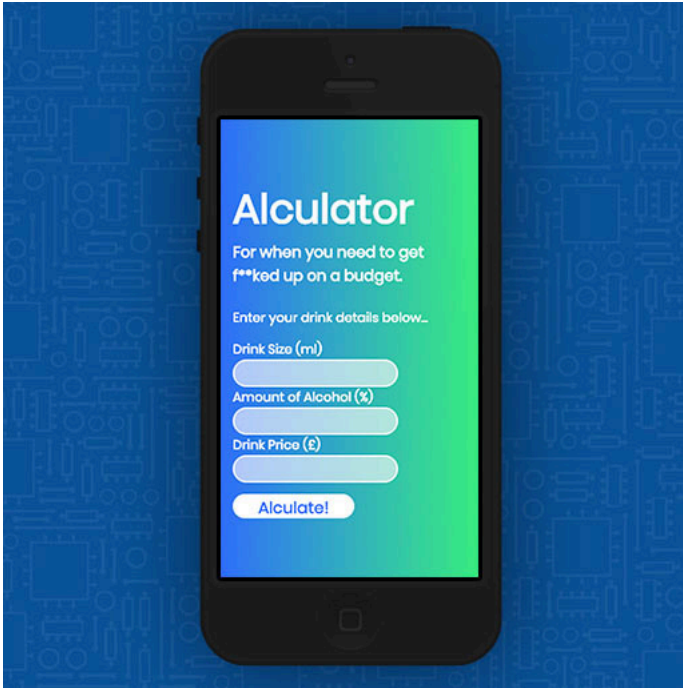
alculator.jackbodman.codes

Alculator

2.2.2

Adapting Code for Native App

When developing for mobile I decided to make chages to the styling to reduce the need for scrolling. To do this I added an additional frame that would appear with the result after clicking the submit button.

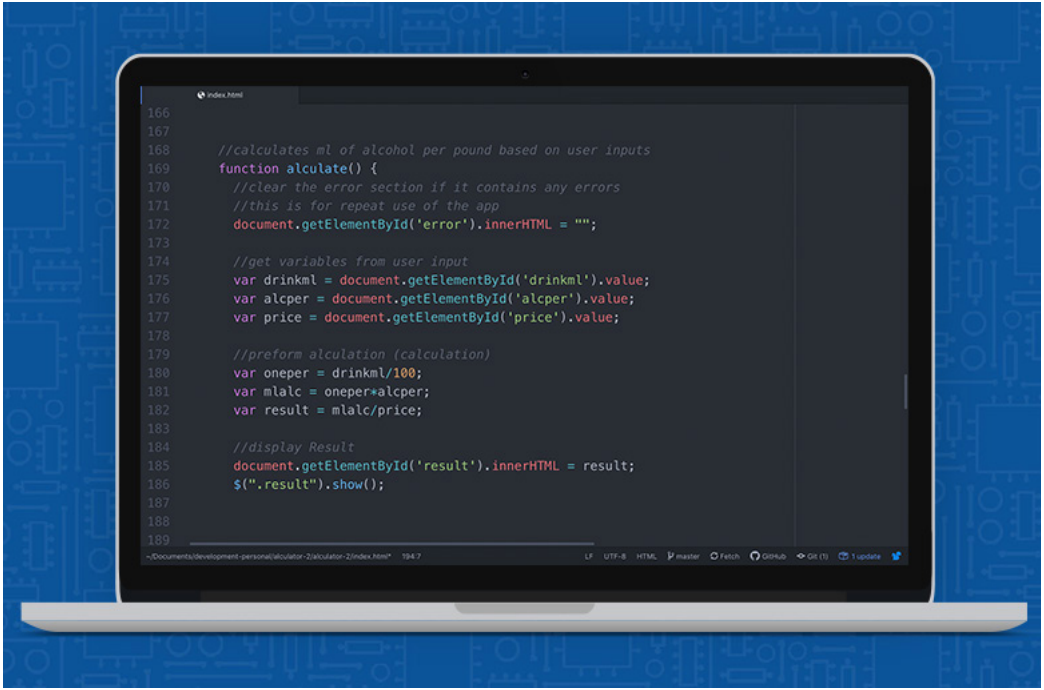


Alculator

2.2.3

Calculation Code

The following code is used to calculate the milliliters of alcohol per pound (£) based on the user input. Firstly the user input data is stored in variables using the 'getElement' and 'value' functions, which are then used within the calculation to arrive at the result.

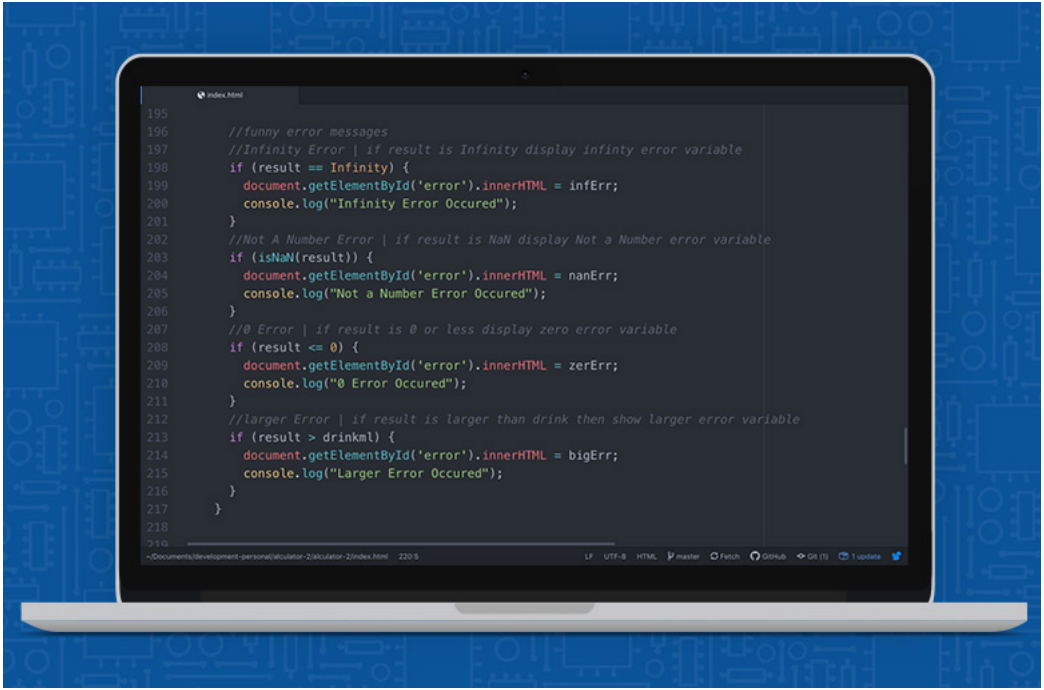


Alculator

2.2.4

Error Handling

Using a series of if statements the calculations result is cross checked to ensure that it makes sense, if for some reason it has returned an error or value that doesn't make sense these if statements will display an error message at the bottom of the page.



Project Box 2.3.1

About

Project Box is a prototype of a social media website for student designers. Developed as a proof of concept along side my third year business plan, Project Box offers a space for student designers to share work, get feedback, network with other designers, and gain ideas/inspiration.

Technologies

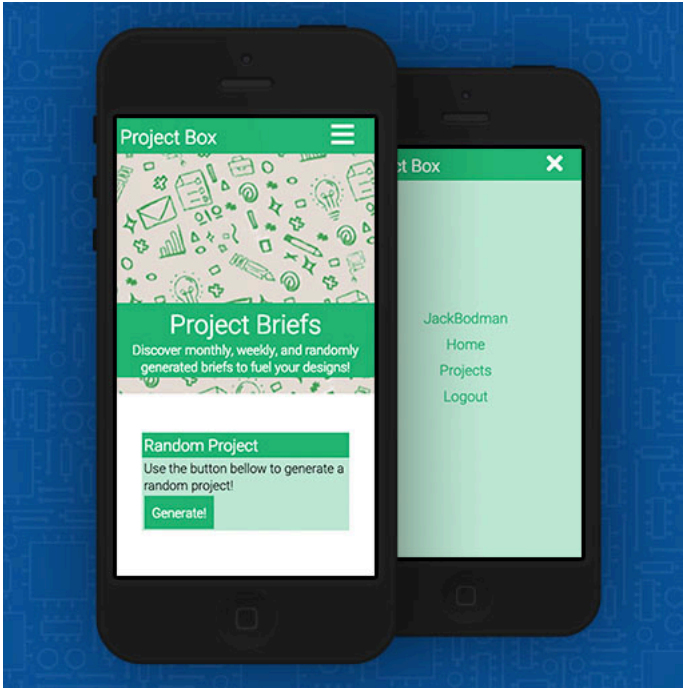
- HTML, CSS
- JavaScript/jQuery
- PHP
- Laravel Framework

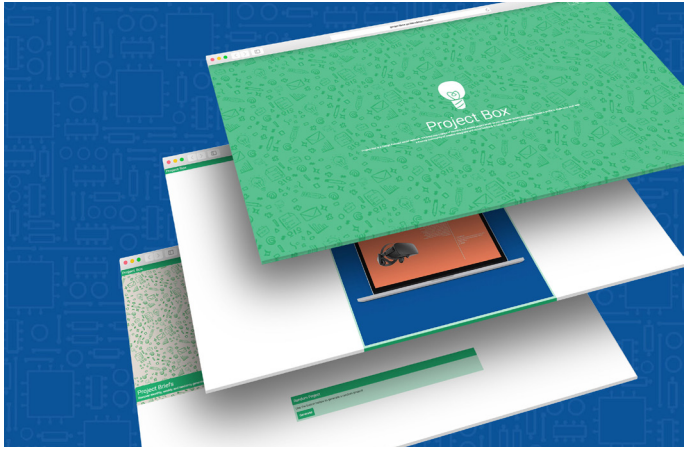
View Online

projectbox.jackbodman.codes

Project Box

2.3.2





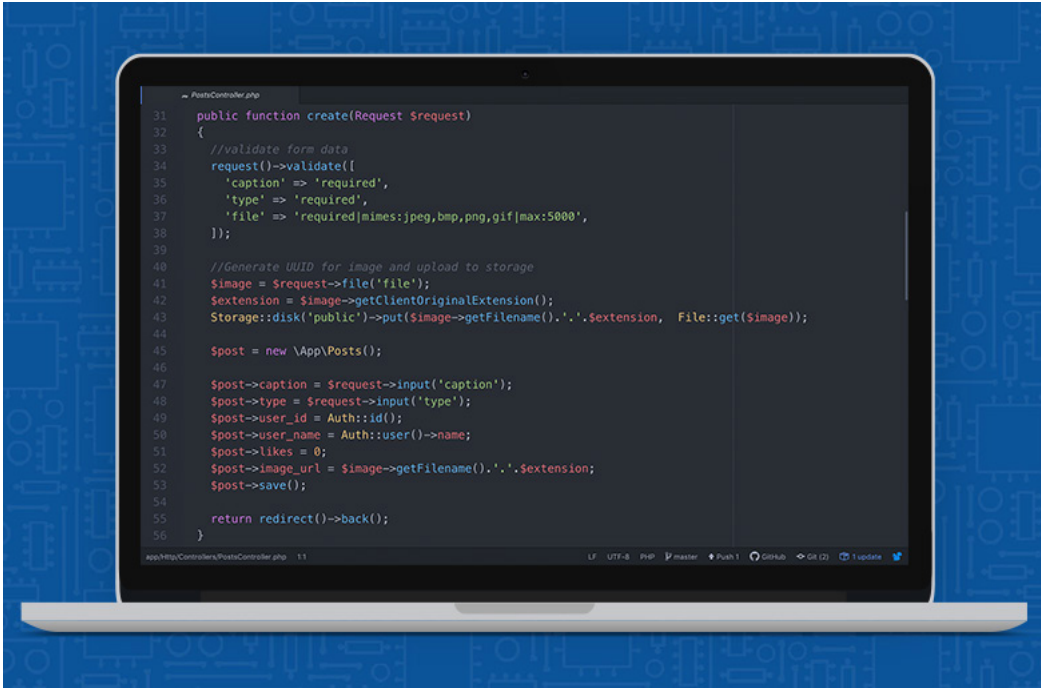
MVC Frameworks

This project was my first time working with a model, view and controller (MVC) framework. Which was a challenging yet rewarding experience that has led me to make use of Laravel more often.

Project Box 2.3.3

Create Post Code

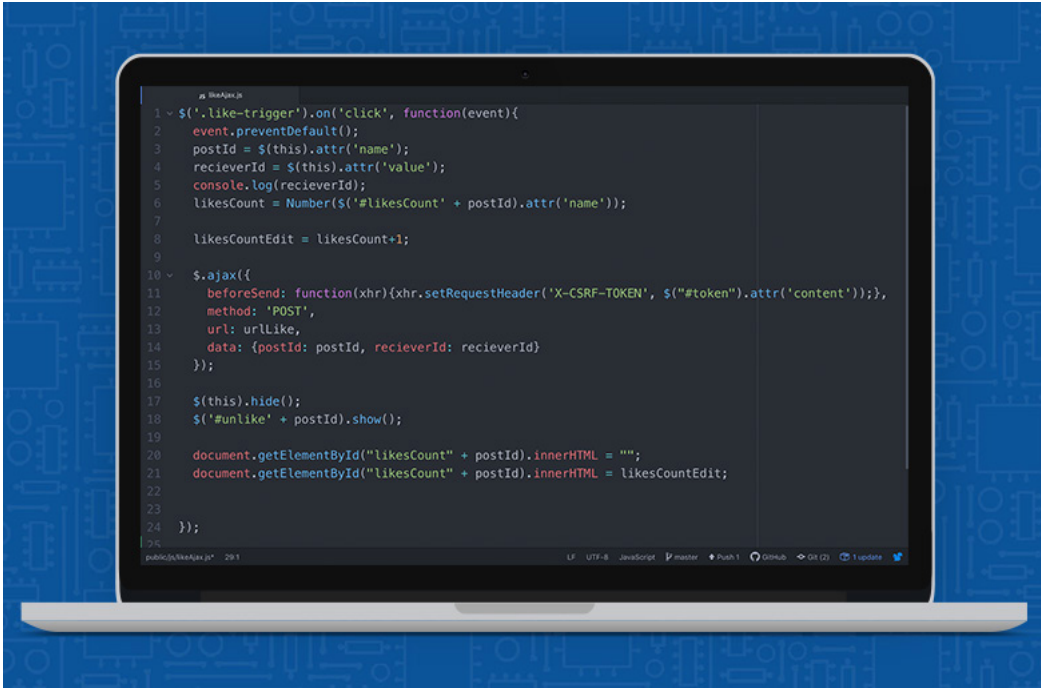
The code displayed on the right is used to create a post, from the user input form we request the post caption, post category and uploaded image. Using the Laravel storage facade the image is given a unique file name and added to the applications storage. We then take the data storing it the database for later use.



Project Box 2.3.4

Like Post Ajax Code

Using javascript ajax to send data to the server. I created a like system that would work without having to refresh the page. This means the user can scroll through the newsfeeds liking posts and not lose their place. Using jQuery I manipulated the frontend of the site to indicate when a like has been successfully created.



Whitchurch Silk Mill 2.4.1

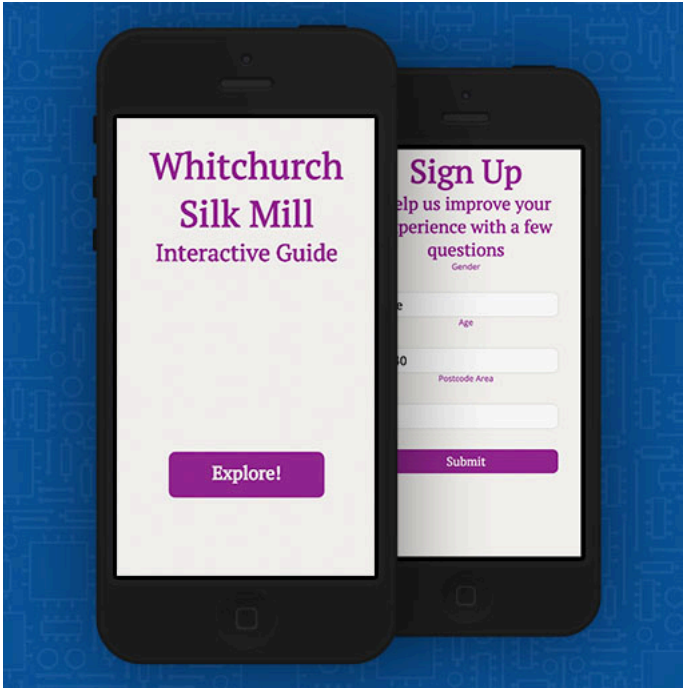
About

During second year me and fellow developer Ben Goodwin created an interactive guide for Whitchurch Silk Mill that would track users demographic data and apply it to the amount of times each user interacted with a certain exhibit. This data was then converted into graphs and charts within an admin side of the system. To make sure the guide was only accessible by people at the mill the application was hosted on a raspberry pi converted to a local network web server.

Technologies

- HTML, CSS
- JavaScript
- PHP, MySQL
- chart.JS
- Raspberry Pi 3 + LAMP Server Stack

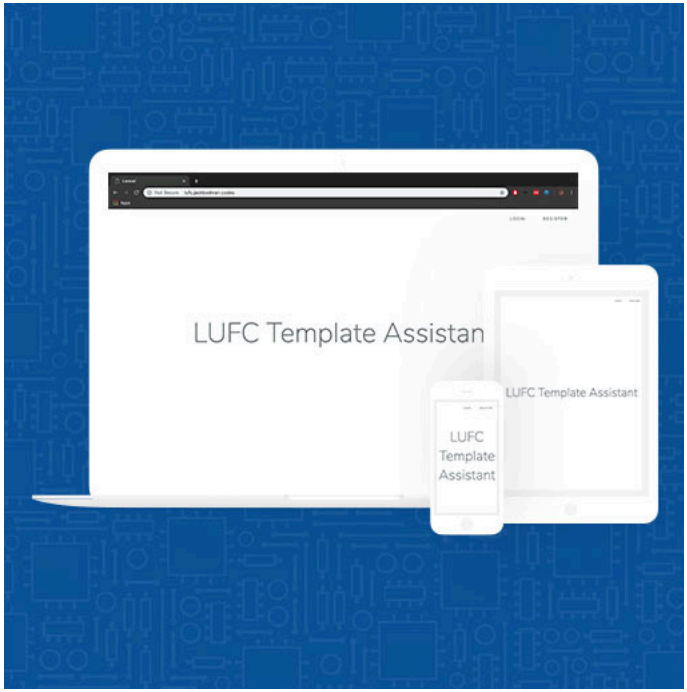
Whitchurch Silk Mill 2.4.2



LUFC News Templater 2.5.1

About

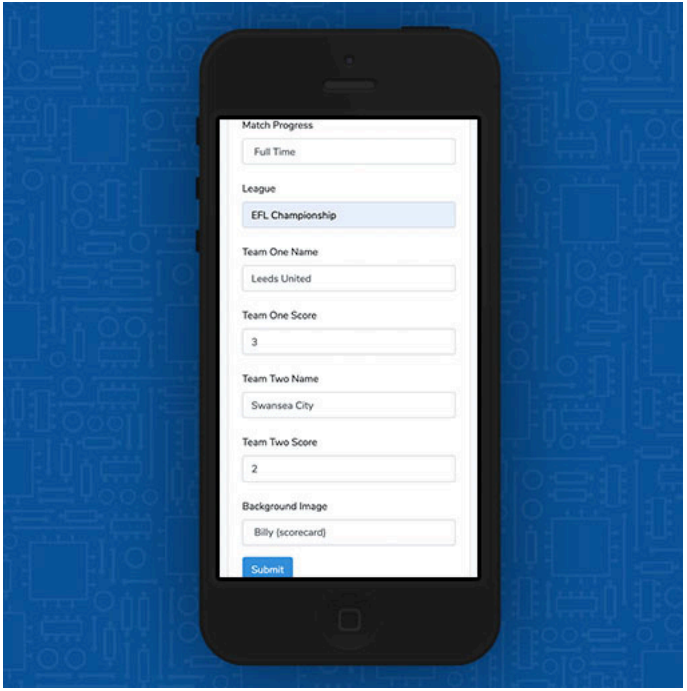
The LUFC News Templater is web app I set up for my friend Matt Hampsey, Working as the Social Media Manager and Content Creator for LUFC News, He required a system to create and share his scorecard templates as when he needed without having to access photoshop to enter the relevant match information. With a file upload system and a simple form I built a system which would allow him to upload his own background images and post data through to a template that could then be screenshotted and shared on social media.

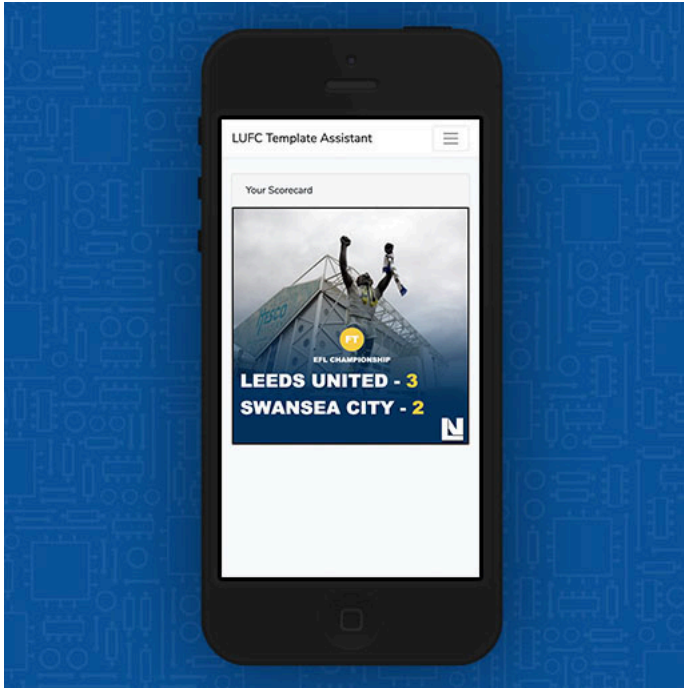


Technologies

- HTML, CSS
- Laravel Framework
- PHP
- Bootstrap

LUFC News Templater 2.5.2

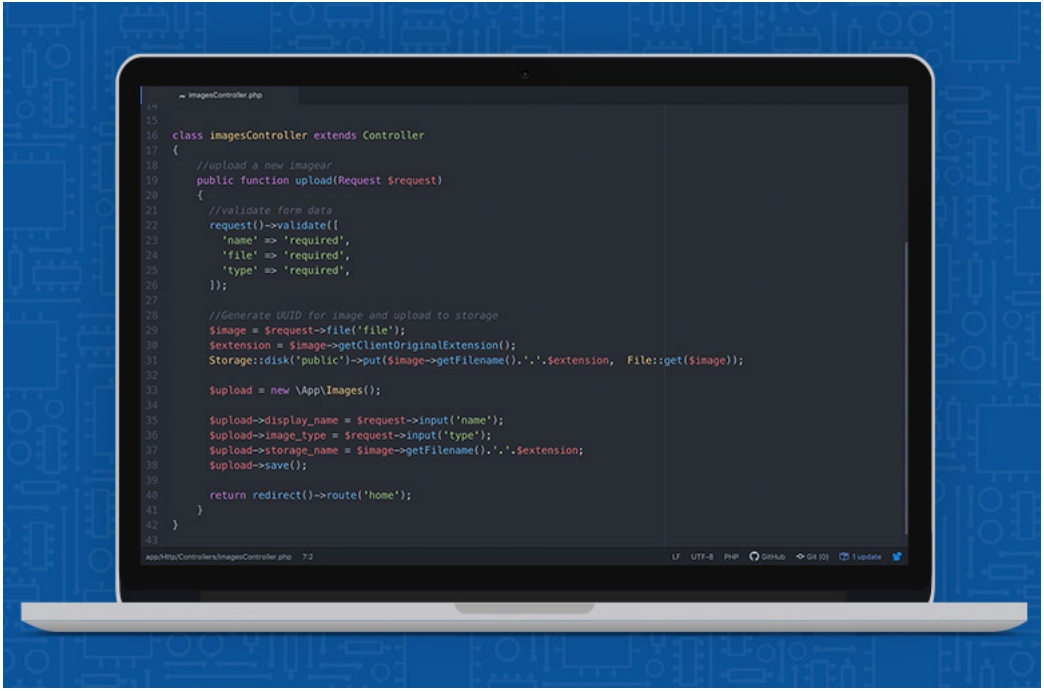




LUFC News Templater 2.5.3

Image Upload

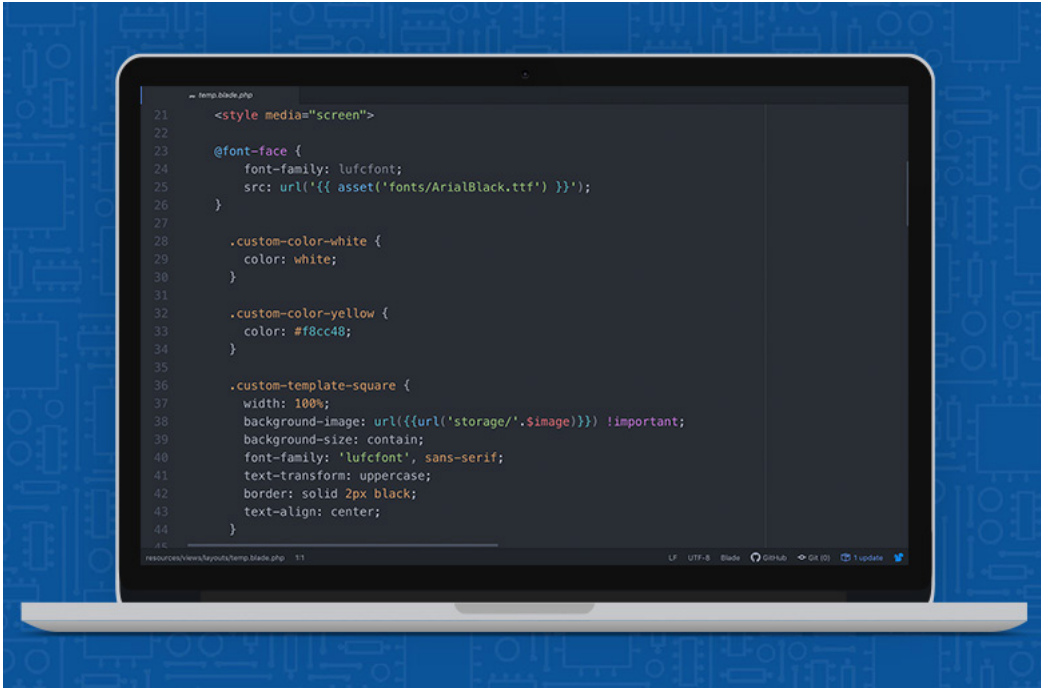
This section of code allows the user to upload their own background images to the template assistant. Through the form the user can name the image select the template category it is for and upload it, this data is then sent through to the database where it can be retrieved and pulled into the templates.



LUFC News Templater 2.5.4

Template CSS

Here is an example of the CSS used to style the templates. By containing the CSS within the documents header I am able to make use of Laravel's blade templating system to request user uploaded images and fonts stored in different files.



Creanu 2.6.1

About

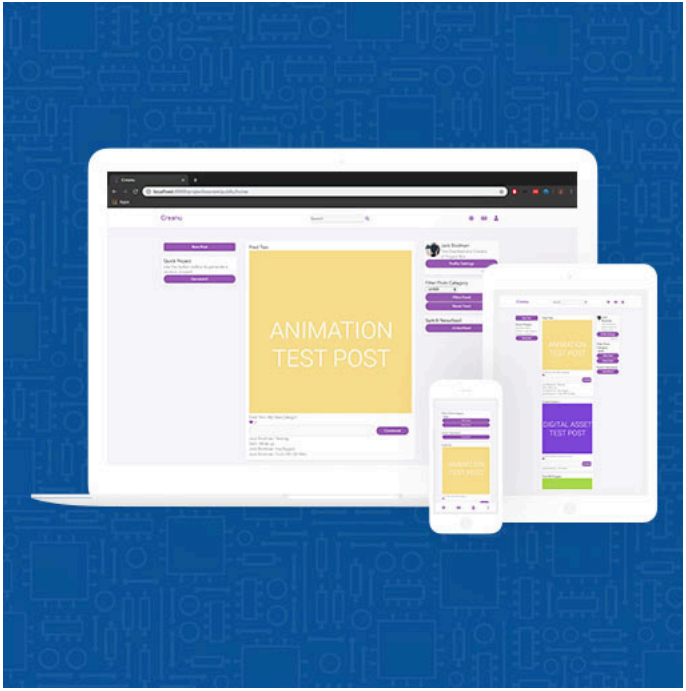
Creanu is the more advanced successor to Project Box. Also built with the Laravel PHP framework it includes a range of more advanced features such as lazy loading news feeds, a followers system, and ajax likes, comments and instant messaging. All these features are contained with a more modern and minimalist branding and UI design.

Technologies

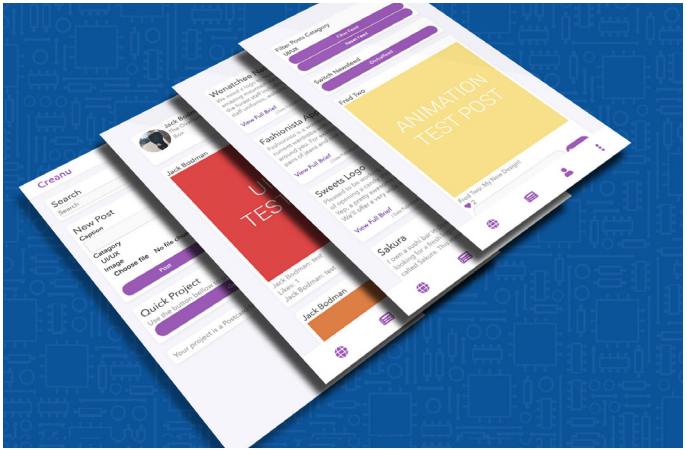
- HTML, CSS
- JavaScript
- Laravel Framework
- PHP
- Javascript

View Online

creanu.jackbodman.codes



Creanu 2.6.2



Responsive Design

On Mobile devices the navigation is condenced into a fixed menu bar located at the bottom of the screen. Any page relevant side bar content appears within a slide out menu.

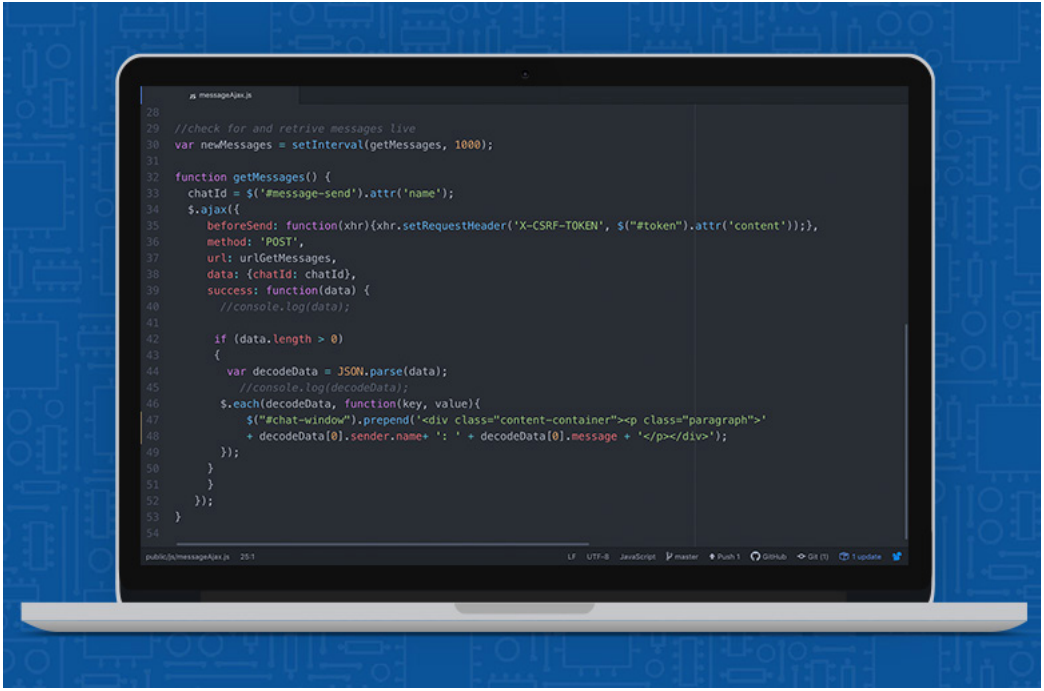
Global Features

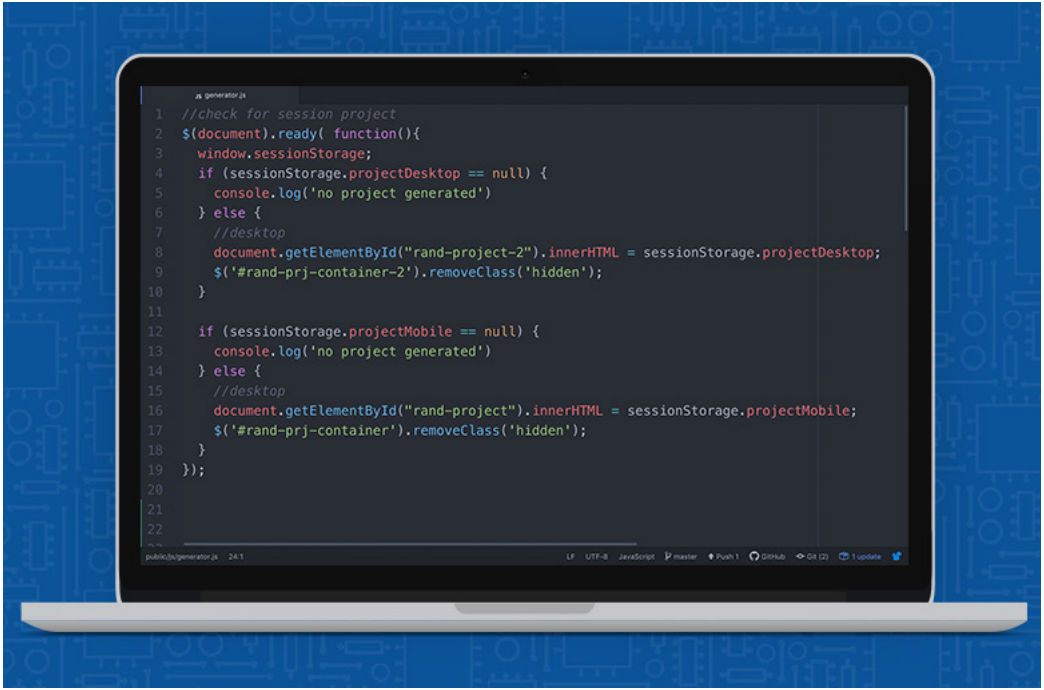
Using a combination of JavaScript AJAX functionality and Laravels Blade Templating, I created a control panel surrounding the content that allows users to access the sites main features from any page.

Creanu 2.6.3

Messaging Ajax Request

This section of code is used within Creanu's instant messaging system. While a chat window is open the code fires an ajax request every second to check the database for any unread messages. If the request is successful and retrieves a new message, the data is then added to the view using the javascript prepend function.



Session Projects

Within Creanu is the option to generate a quick project. This function is displayed in the sidebar menus. In order to ensure that the generated project will not be reset when loading a new page the projects are stored in JavaScripts Sessions. The following code will check to see if a project has already been added to storage and display it if so.