

Website Design Rationale

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Hi, Joshua.
Welcome to Car Show Tracker Australia.

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What this is

Car Show Tracker Australia is for the ultimate car enthusiast. It is a website designed for members to post and track up-and-coming car shows nation wide.



Sign Up

Please fill this form to create an account.

Username

Password

Confirm Password

Submit

[Reset](#)

Already have an account? [Login here.](#)



Project Overview

Project Background

The task was to create a web application that allows a user to monitor something. It was up to us to come up with the idea, but examples could include: an expenses tracker, a to-do style application, a recipes app, even a university assignment due date tracker.

At a minimum: the web application should allow a user to register, log in, add data to the database, retrieve data from the database, edit and delete content and display the content on the front-end.

Wire framing and mocking up design concept are required to show that a planned level of execution was undertaken with the overall build of the web pages.

Executing the proper PHP, HTML and CSS is required to make the web pages function properly in its responsive forms. MySQL (along with PHP MyAdmin) was the open source database management system used, which will collect and return all the data that is input into the website.

Design Deliverables

1. Home web page re-design and development

<http://carshowtrackeraustralia.advancedgraphics.com.au/>

2. Code available in GitHub repository

https://github.com/joshwren/Car_Show_Tracker_Aus.git

3. Short (400-600 words) rationale reflecting on the development process

<https://github.com/joshwren/Car-Show-Tracker-Aus>

Project Idea

The idea was to build a car show tracker web app that the user first registers their login details, logs in and can then add, track and edit/delete car show posts. The posts would be public (viewed by all members) in order for members to get complete exposure to all car show posts. Other useful features would be password change and a contact form for users to get in contact with the sites administration.

Desired Outcomes

1. Create a visual appealing and easy functioning data logging and returning web app.
2. Test and Receive feedback from outsiders in order to address any issues and or better the design.
3. Execute proper PHP, HTML, CSS and JavaScript (if required) in order to build the web page designs into working mock-ups.

Target Audience

Car enthusiasts of all ages and genders who are situated in Australia and enjoy attending car shows.

Research undertaken

Other car show tracking websites were studied in order to get an understanding of how one might be best structured and also the features to include. Style is a key factor, as you want to draw the user in and not lose their attention. The findings showed that Imagery usage is a key feature to capture the audience and keep them engaged.

Branding

The branding derived from research undertaken into car club logos with finding of a high number incorporating car brand emblem like shapes with bold coloured shaped text to suite and vehicle graphic imagery.



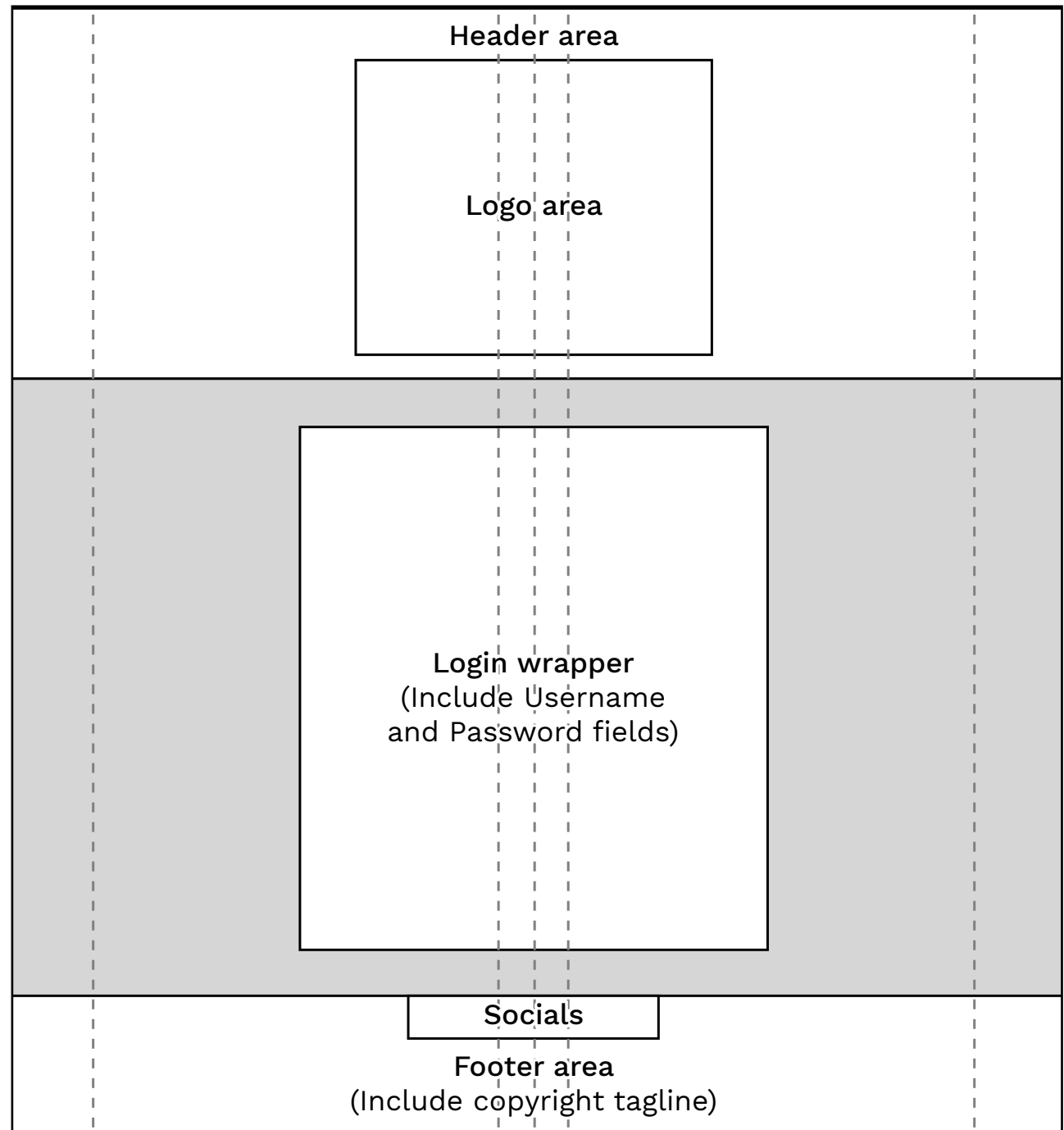
Inspiration



#187401368

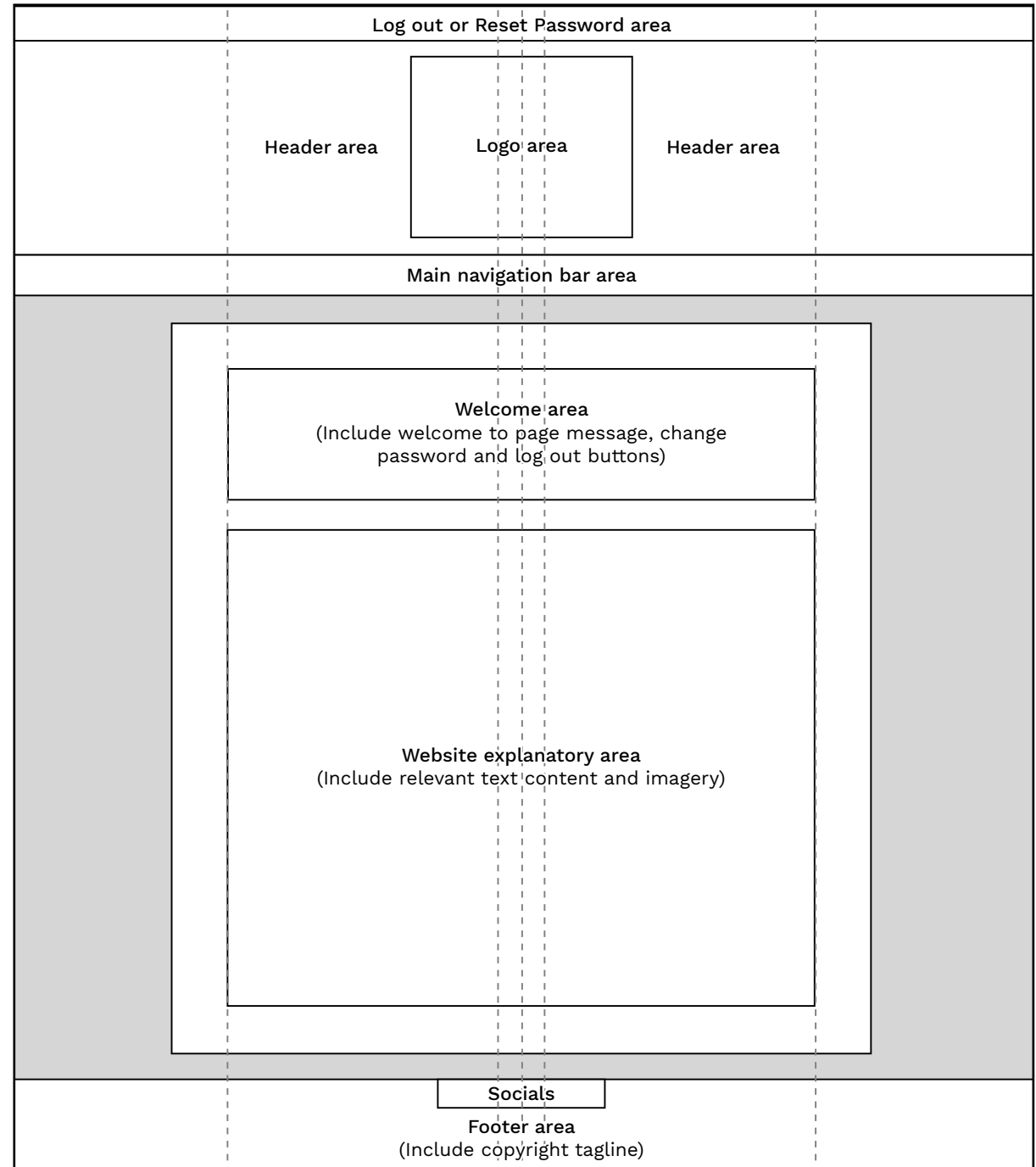
Login webpages structure ideas

The main idea for the Login, Register or Reset Password webpages were to have the form field in the centre of the page being a focal point. Then have a header and footer with branding and social media button links.



Content webpages structure ideas

The main idea for the Content pages is to use the same header and footer throughout each page and to also include a navigation bar that spreads across the entire page width. The main content should be simple, with no sidebars (at this stage) with sufficient padding around all edges. At full screen size double column will help to digest the text and imagery shown.

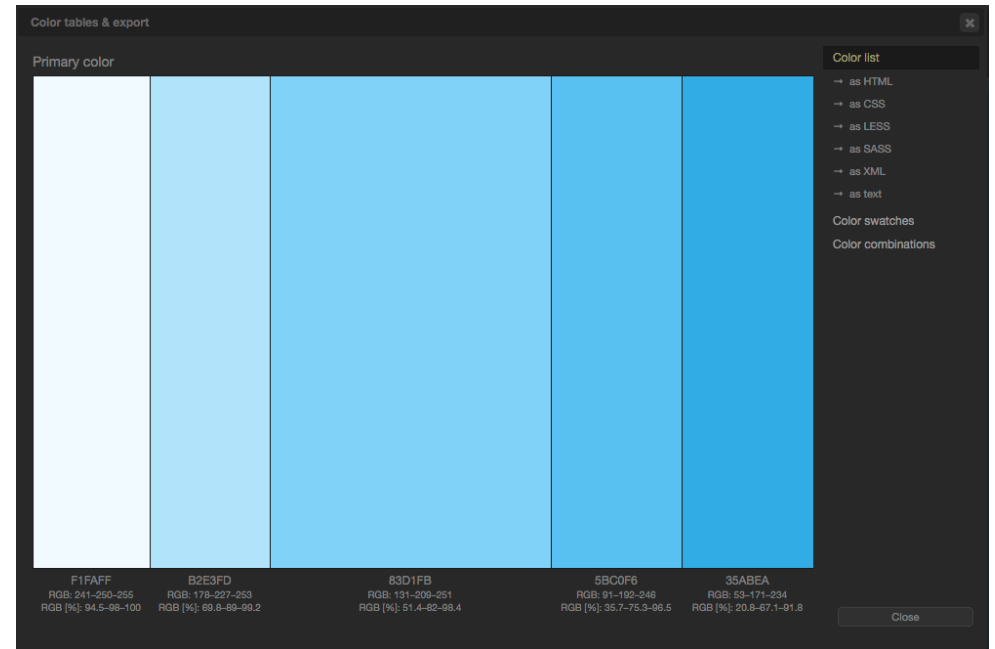


Colour Scheme & Specification

Colour choice

I wanted to incorporate a colour that was warm but vibrant to draw the user in. Classic car colours like creams and or darker tones were used, though Baby Blue seems to stand out as the clear winner. Paletton.com was used to help reach this decision.

R: 131
G: 208
B: 251
Hex: #83d0fb




Font choice

The font I decided to use is the **Work Sans** font family, which is a Google based font, meaning it is a safe font for multiple browser recognition. It is a Sans Serif based font and has a large font family.

Work Sans

Glyph



Characters

ABCČĆDĎEFGHIJKLMNOPQRSŠTUVWXYZŽabcč
ćdďefghijklmnopqrsštuvwxyzž1234567890‘?’“
!”(%)[#] {@}/&\<-+÷×=>®©\$€£¥¢:;,.*

Styles

Type here to preview text

40px

Thin

Extra-Light

Light

Regular

Medium


Semi-Bold

Bold

Extra-Bold

Black

Designer



Wei Huang

Principal design

Wei is a Chinese-born Australian designer based in the Schengen Area. He makes and produces fonts including Work Sans, teaches, and exhibits his work. Wei believes drawing fonts is like meditation.

About

Work Sans is a typeface family based loosely on early Grotesques, such as those by Stephenson Blake, Miller & Richard and Bauerschen Giesserei. The Regular weight and others in the middle of the family are optimized for on-screen text usage at medium-sizes (14px-48px) and can also be used in print design. The fonts closer to the extreme weights are designed more for display use both on the web and in print. Overall, features are simplified and optimized for screen resolutions; for example, diacritic marks are larger than how they would be in print. A version optimized for desktop applications is available from the Work Sans github project page.

To contribute, see github.com/weiweihuanghuang/Work-Sans

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List of resources used

Code source references:

Register and Login website form builder: Tutorial Republic. 'PHP MySQL Login System'. Online step by step tutorial.

Found at: <https://www.tutorialrepublic.com/php-tutorial/php-mysql-login-system.php>

Data send, retrieve and editing/deleting: Ben Ennis Butler. (Week 4-5-6 content). 'work-tracker'. Online step by step tutorial and GIT Hub file resources.

Found at: <https://github.com/UC-Design/11058-back-end/tree/master/module-2/code/work-tracker>

FreeContactForm. 'Simple Form to Email PHP Contact Form'. Online step by step tutorial.

Found at: https://www.freecontactform.com/email_form.php

PHP and MySQL based learning resources:

Create a Login System using PHP and MYSQL Database (Sign up and Login form building video tutorial

Found at: <https://clevertechie.com/php/20/login-system-php-mysql-database>

Tutorial: PHP Programming Language - Full Course

Found at: https://www.youtube.com/watch?v=OK_JCtrrv-c

Tutorial: Flexbox order, re-ordering columns and rows — Learn CSS3 Flexbox (2/6)

Found at: <https://www.youtube.com/watch?v=0i7Xb22zzQM>

Image resources:

Unsplash: Beautiful Free Images & Pictures (Open use photo search engine)

Found at: <https://unsplash.com>

Website components:

Bootstrap: Build responsive, mobile-first projects on the web with the world's most popular front-end component library.

Found at: <https://getbootstrap.com>

Google Fonts: Google Fonts is a library of 915 libre licensed fonts, an interactive web directory for browsing the library, and APIs for conveniently using the fonts via CSS and Android.

Found at: <https://fonts.google.com/?selection.family=Work+Sans>

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Car shows

Car show ID: 6

Title: Summernats

Description: Canberra's largest car show

Date/s: Sat 6 Nov 2019

Location: Canberra

Parking: Parking out front

Entry fees: \$210

Spectator fees: \$75

Other detail: Please keep in mind that Saturday is family day.

Car show ID: 7

Title: Hall Car Collectors Car Show

Description: Vintage cars will be on show

Date/s: Sun 19 December 2019

Location: Hall Canberra ACT

Parking: Parking out back

Entry fees: Free

Spectator fees: Free

Other detail: Bring an umbrella as it is meant to rain
