



# PROJECT BREAKDOWN

SAE DWD210/220

ROCK-ART DATABASE WEBSITE

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Bachelor Of Web Design

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# Introduction

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This document's purpose is to evaluate the website "*Rock-Art Database*" as well as identify the key elements required for a redesign. It will include a breakdown of the current website, client requirements, research on other similar sites and demographic, inspiring design styles and a logo redesign.

## *Team Members*

Jackson Gartner – Front End  
Gleem Geroche – Front End  
Gary Lam Ka – Front End  
Nina Tanneberger – Back End

## *Client*

Robert Haubt

# Website Breakdown

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*Rock Art Database* is a collaborative website showcasing rock art resources around the world with a live view map and 3D viewer for sites. It has an online community for users to sign in, collaborate and view other users' research.

# Website Requirements

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The website needs to function as a host for numerous rock art sites where users can view places all across the world.

The following requirements are needed to ensure this is possible:

- *The Map* – global map of all sites
- *Ontology Page* – Linking of information about rock art
- *3D Viewer* – users can view and write notes about rock art
- *Sign Up* – Users can sign up with ease and speed
- *Search Bar* – Making it faster for users to find their rock art or locations
- *News Feed* – news, resources, projects etc
- *My Profile* – User's personal account information

## *Additional Links:*

- *About* – site goals and story
- *Find Members* – view collaborators of the site
- *Library* – Collection of newsletters and publications in accordance to subject matter
- *Conferences* – Past and present
- *Wiki help* – Github link to support
- *Credits* – All people who helped create website
- *Terms of Use*
- *"My" sections* – user's *News, Projects, Places, Sites, Items, Feed*

# Website Evaluation

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The following Website errors have been found by multiple users and instances. Note that the individual CSS errors reported are not listed as there is an overwhelming amount of issues and inconsistencies. This is a condensed list of errors found as the exact details would be listed in a more extensive report if required.

## *General Comments*

- CSS in general is outdated
- Lag on map
- Not responsive
- Too many sidebars in *popup* box
- Bland loading page
- Search bar stretch to page
- Logo outdated and needs redesign
- Low resolution images
- Only functions well at desktop resolution
- Many links for the page open in new tabs – they should be within the same tab
- Many links which open a page could easily be a popup instead
- Many links are broken or go to “nowhere pages” ie; a homepage for Facebook rather than a Facebook page for the website itself. The *About* link only leads to the *homepage*

## *Functionality & Usability*

- Scrolling on menu section effects whole site
- Search bar too many options? Maybe give an option for advanced search
- Resized window at 1600px: *Global map popup* aren’t responsive and don’t have a way to escape the box
- Screen res is at approx 1600px for testing and had to zoom to 70% to see the site properly
- Mobile phone is almost unusable – the screen must be panned around constantly to view properly. Menu is large and popups don’t fit to screen.
- Site has some *hover* functionality but also missing in other places – confusing as to what is clickable and what isn’t
- *Global map popup* – clicking on image leads to an identical page but slightly different with same information
- *Global map popup* – clicking on other image leads to a popup box in other language or broken link – supposed to have links to rock art 3D items
- *3D rock viewer* doesn’t function properly – can’t write notes or use tools
- *Sign up* very strange, listing things that may not be necessary to a user – best to keep it simple so the user can get through it quickly
- *Sign up* did not send an email verification when user signed up – now can’t sign in without ID
- *Sign up/in* no signup button where the sign in box pops up
- Name and logo for site has no link – should take you to the home page
- There is no clear navigation across the website for the user to backtrack their experience
- Menu sectioned too simply – should have sub sections or links elsewhere on the page
- No dates on conference list
- *Find members* – needs better filters

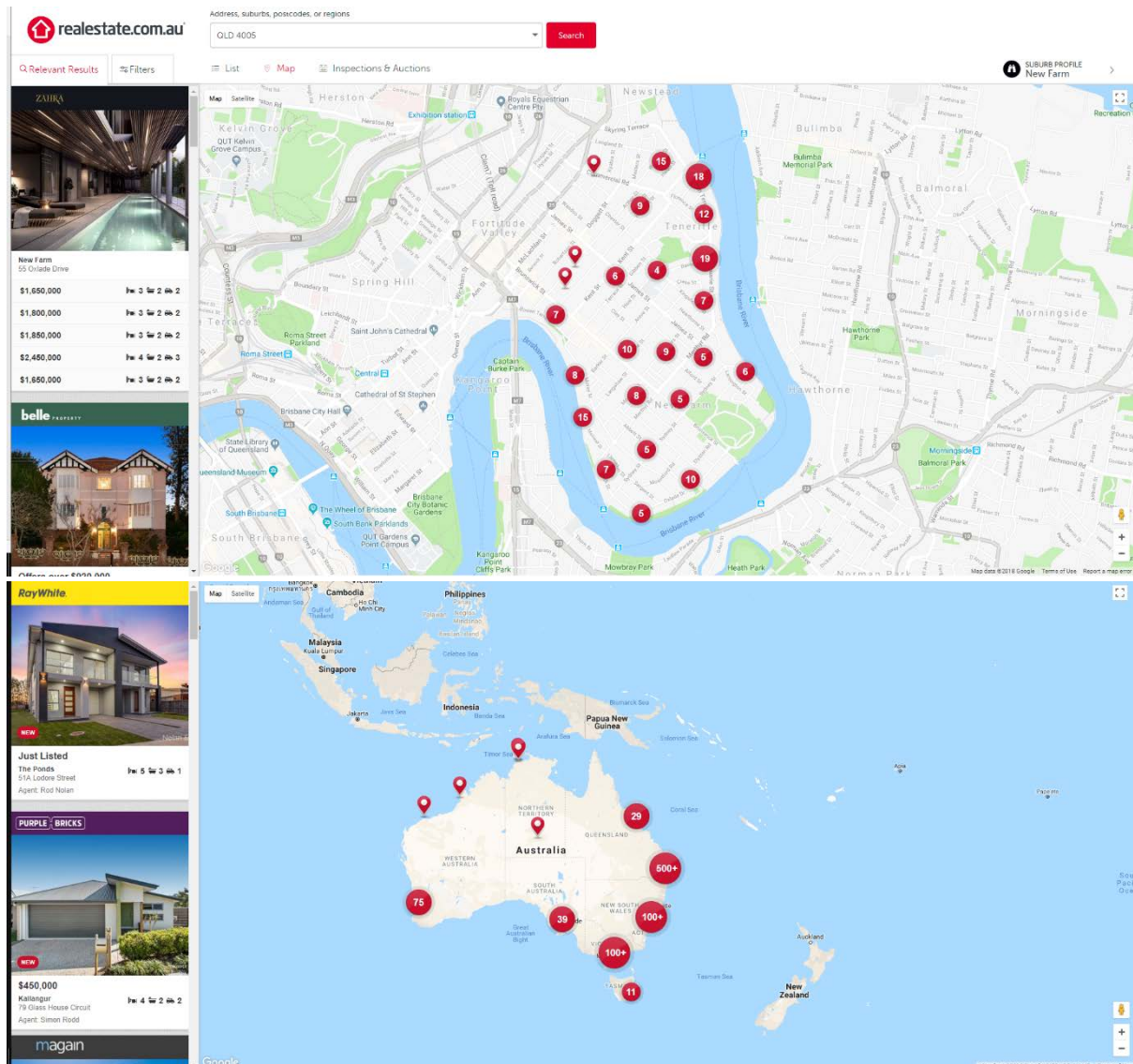
## User Experience

- Generally to navigate
- Confusing as how to use certain sections such as 3D viewer and map
- Don't know what is a link and what isn't with no *hover* functions
- Outdated and bland design very unappealing

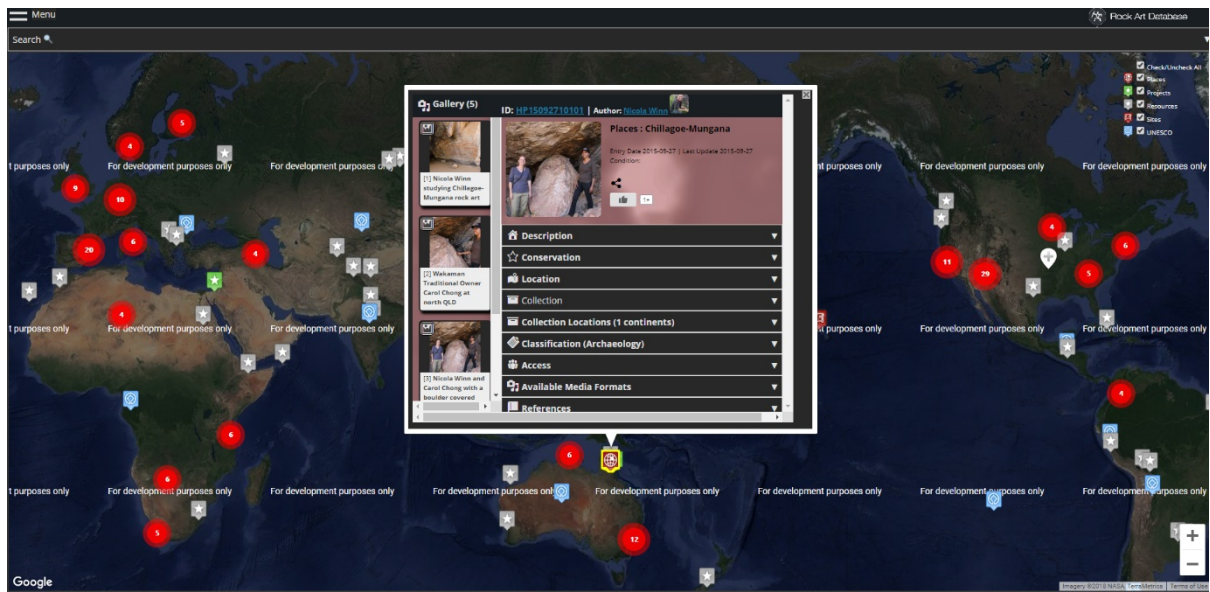
## Client Requirements

The client has outlined some changes that would be desired. They are ideas to be explored in the redesign process.

Map should be similar to a real estate page where you can view properties on a map like so:



There are also cards on the side that displays properties – this is how the client originally wished the popup box on the global map to look with information cards down the side which the user can access.



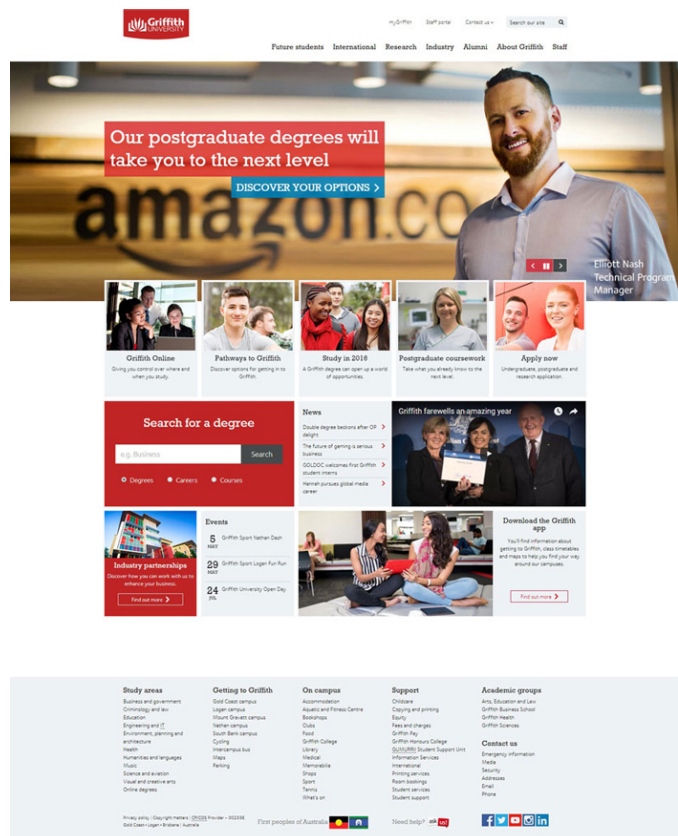
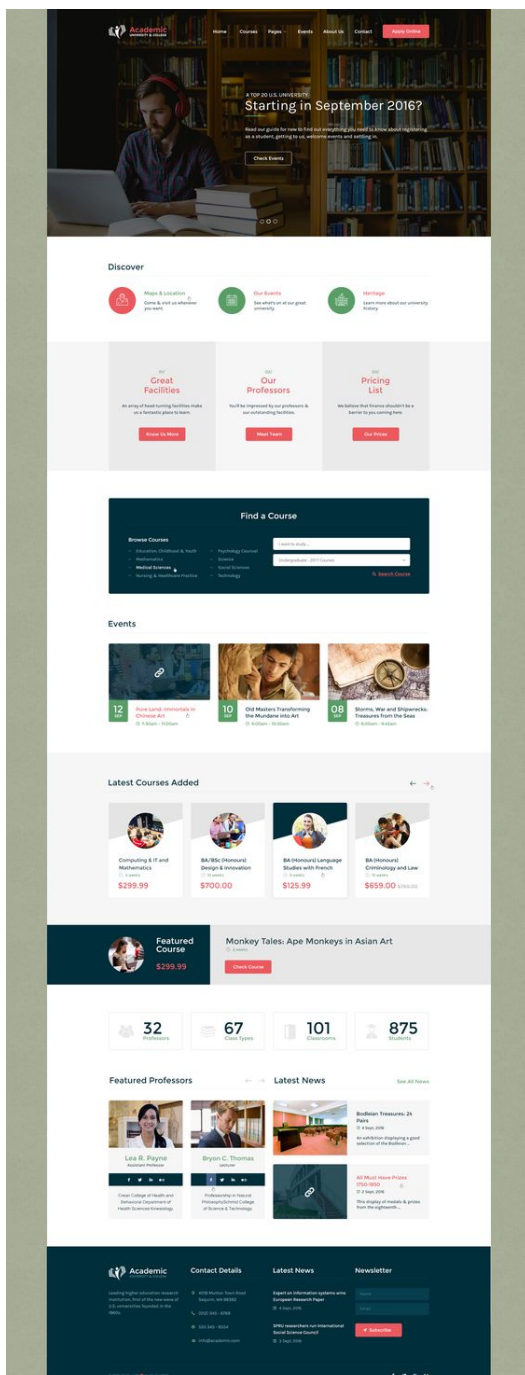


# Research

As this website is run for a mostly academic research based demographic users, an academic layout would be best suited with an easy-to-use design for all ages to access. Additionally, researched were real estate website layouts to see how maps are integrated to their property searches.

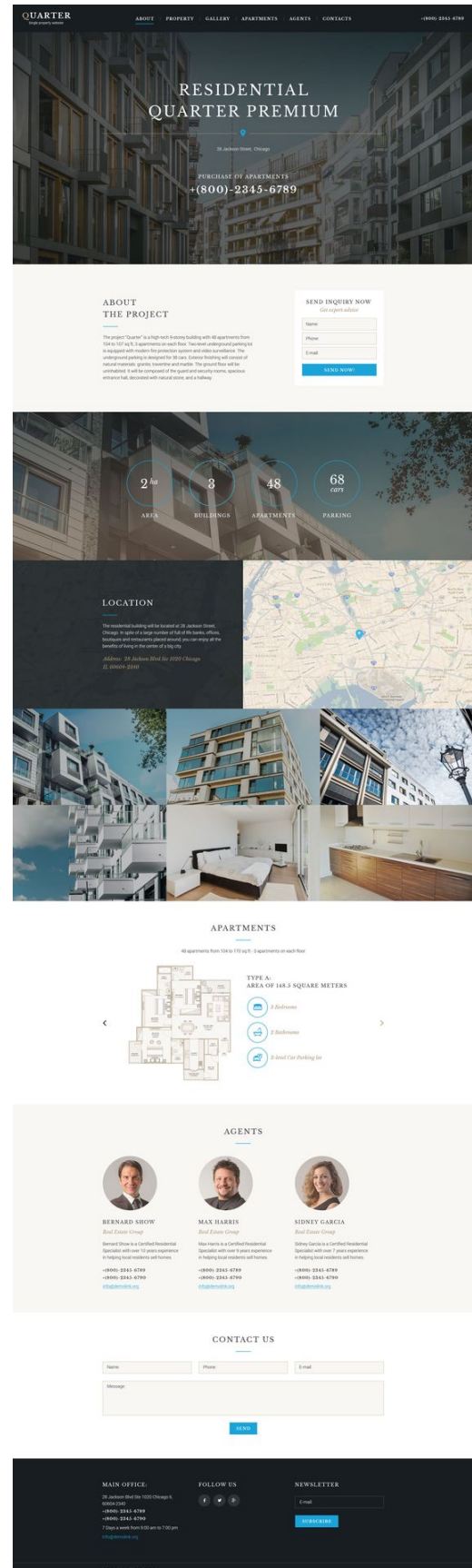
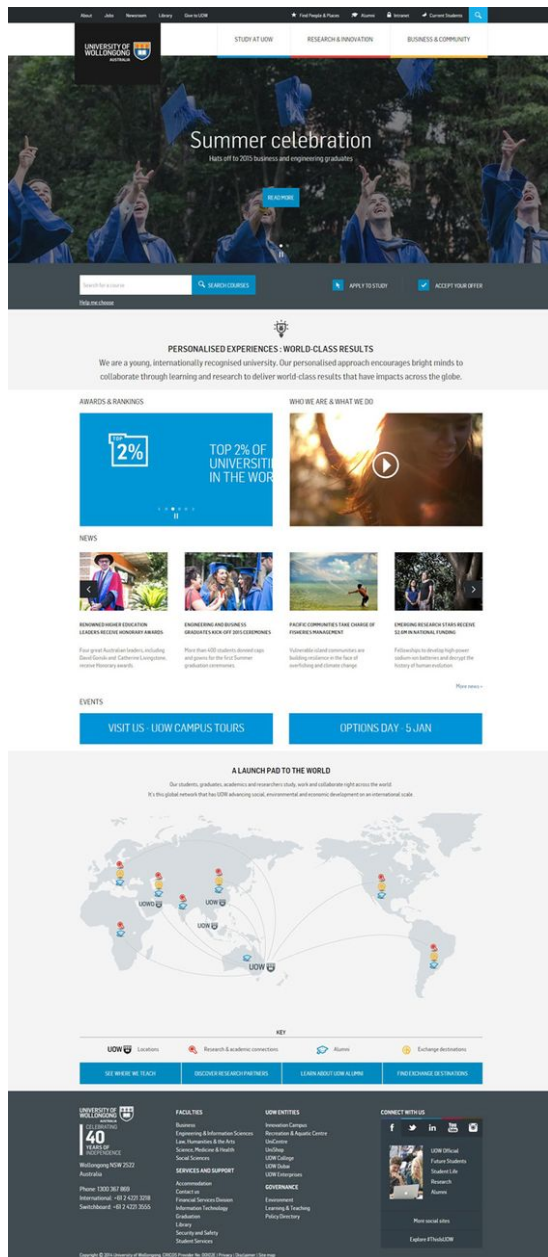
## University and Academic Designs

Upon researching design trends for academic pages it was found that they often use simple designs in a grid and card structure. University logos on the top left with search or sign in on the top right. This would be the easiest method for designing this site as it is what people know – they are accustomed to left to right reading and this is what we should adhere to.



## Inspiring Layouts

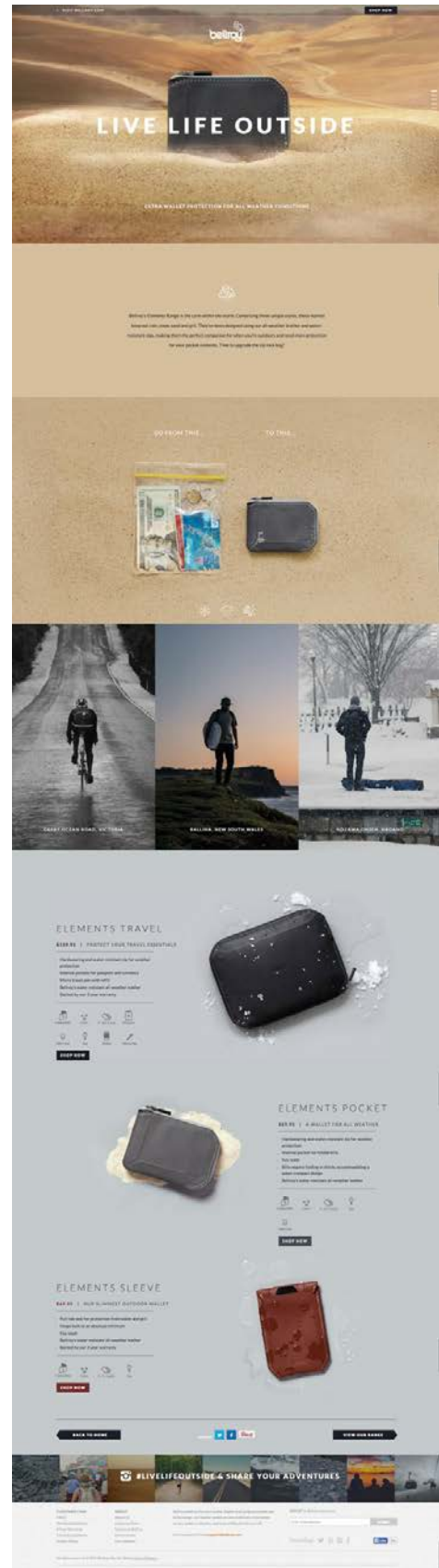
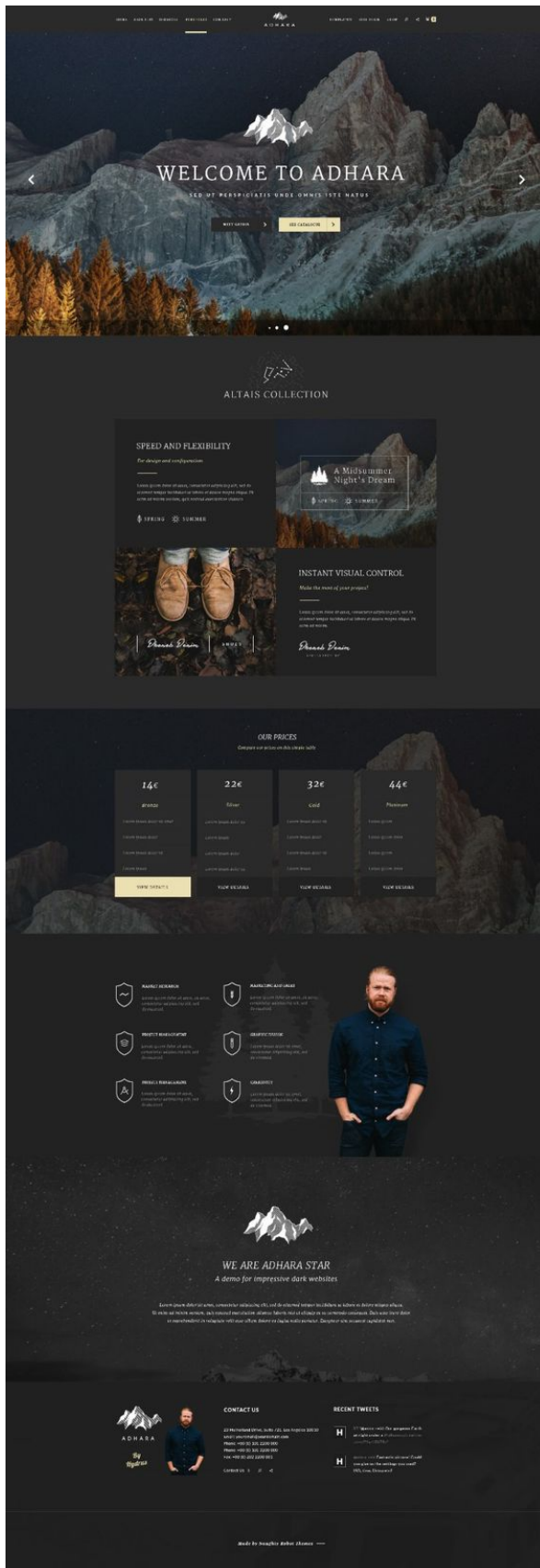
Some desirable layouts collected give an indication of the tone in mind. Collected from academic styled sites, real estate sites and templates.





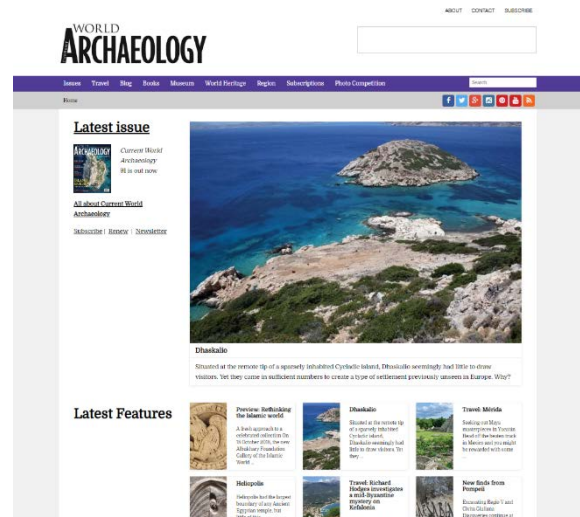
## Inspiring Colour Schemes

As the colours would be best suited to match an archaeology topic, they will likely be a brown and grayscale theme with hints of red and orange. A contrasting blue would also be beneficial.



## Archaeology Websites

Many archaeology websites researched were very simple and bland with a newsfeed-like layout. It is assumed that our users would be frequent goers of these websites so keeping to a similar layout would be prudent but also advantageous to create something more stimulating and modern.



## Website Redesign Goals

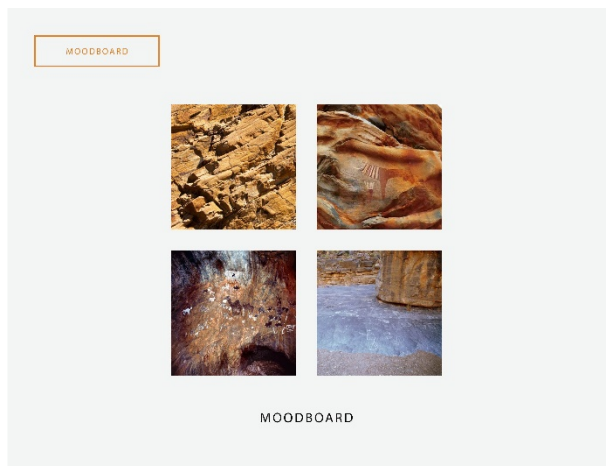
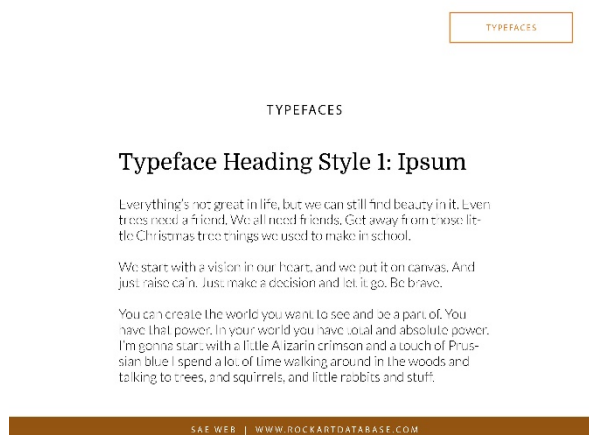
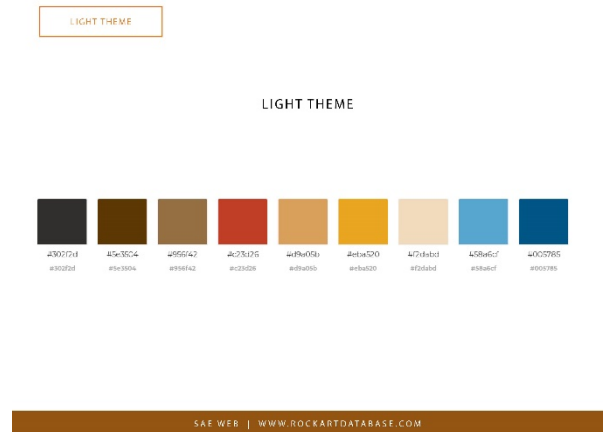
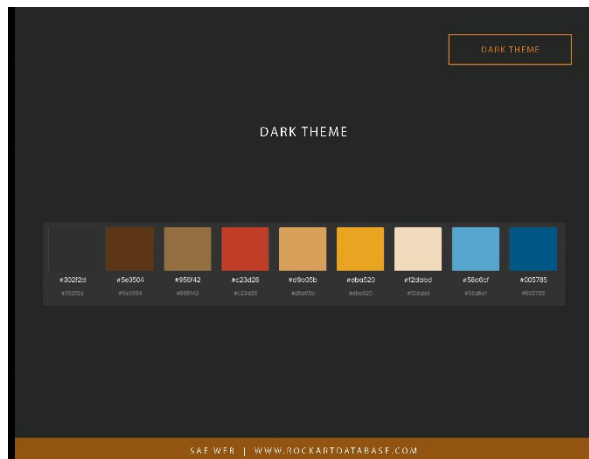
The aim for the design of the website is to address all issues in the usability report as well as looking at moving the database for the website. Additionally, the team will be looking into moving the database from Wordpress to a Wiki database as it was never intended to be a Wordpress site permanently. A modern looking website will be produced with a sophisticated look to appeal to the demographic.

The most fluid design for this site would be a card-based grid with large sections and small amounts of text, giving the user a simple and easy way to read. The menu should be accessible across the site with subsections for user accounts and information feeds including news and conferences. The search bar should also be static across the site. The use of breadcrumbs would be desirable in the site as you can get quite lost in the information at times.

Additionally there are some links that can simply be added to the footer of the pages ie: credits, terms of use etc.

# Style Guide

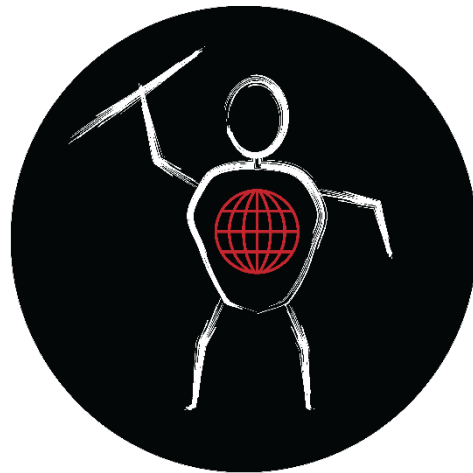
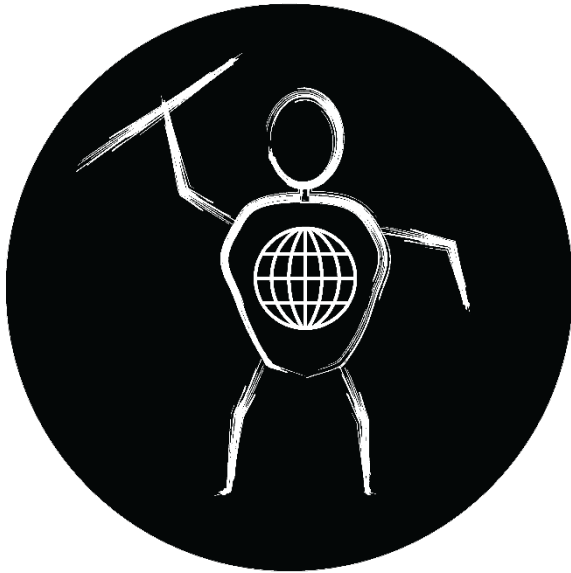
A first draft style guide has been created mainly to look at colour schemes and font styles. This needs more development within the group.



## Logo Design

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A first draft logo has been drafted based on the old one. The aim was to make the same logo with a globe inside of it to symbolise that this is a globally accessible website. The globe would need to be roughened up to match the rest of the icon but for now this is at early stages of development.



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