

# Content Management System Project Journal

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## Collaborators

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## Purpose

For this project we chose to use 'Mid-Century Canberra' as our websites source content for design. The purpose of the website is to build awareness and recognition of the architects and their architecture from Mid-Century Canberra. The source content came from the Mid-Century Canberra Github repository. The website in the end is to be fully functional, interactive, and responsive.

## Goals

All users of the website have access to and can perform the following actions and information on these pages:

1. **All Pages:** Header: Search functionality above navigation bar, navigation bar, Footer: Login for wp-admin, required footer statement displayed
2. **Home Page:** Well presented summary information about the website for the home page, attractive image and design.

3. **News Page:** Ability to post news items only if the user is approved. The news contains long-form text, event information and image(s). Each news item has tags, for the user to click, so they can be easily navigated. Ability to post comments on news stories, these comments are moderated by administrators before other users can see them, and posting too many comments in succession will lead to the spam filter being triggered.
4. **Houses Page:** Information about the houses is displayed from the text files. Each house page includes at least an image. Users are able to submit comments in response to the houses, these are moderated before being visible on the site, and too many comments in succession trip the spam filter. There are links to the architect who designed the house.
5. **Architects Page:** Architects of the houses within the houses page are shown with an image of them. Information on them is displayed and the houses they designed are linked.
6. **Locations Page:** The locations of the houses are shown within a custom map, ability to navigate to the specific house page available as well. Design conforming with the dark theme of the website.
7. **About Page:** Information on Mid-Century Canberra throughout the different eras, summary of the website as a whole.
8. **Contact Us Page:** User has ability to use contact form to collect a username, location, message, email. No need for image, bit unnecessary for contact form.

## The Project

### Week 11

At the commencement of week 11, Rafi and I organised to meet to begin and make progress on the project. This meeting involved how we would approach the requirements, choosing a theme (music journal by catch themes - credited at footer as well) and setting up a github repo and db-migrate so we can work on the website individually. We realised we would not be able to

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work on it concurrently so we had a system of communication in place to notify one another when we would be working on the website and when we were done. We discussed that trello was pointless as it was just us two in the group and we would use other methods of communication and github commits (see github commits page for evidence and descriptions of what we did) made trello redundant in providing evidence of our individual contributions to the website. I made the github repository and off we went. Throughout the week we worked on the site, with me making progress at the beginning by adding information to the home page, setting up the navigation bar, creating the required pages, using wp-forms plugin for the handling of the contact us form. Both of us took initiative to work on the site without hassle. By the end of the week we had most of the website complete with moderation of posts and the spam filter setup.

The image shows a contact form with the following elements:

- Username \***: A text input field with the placeholder text "Username". Below it is the hint "Enter a username".
- Email \***: A text input field with the placeholder text "Email". Below it is the hint "Enter your email address".
- Location \***: A text input field with the placeholder text "Location". Below it is the hint "Enter your location".
- Comment or Message \***: A large text area for a comment or message.
- Submit**: A button located at the bottom left of the form.

*Contact us form.*

### Week 12

Commencement of week 12 we were approaching the due date and started to refine the website. The last parts that were left for us to do were the locations page and taking the site live. I used snazzy labs maps to create the custom map and inserted it into the locations page by using an embedded iframe which has less overhead than a plugin. We met up again on

thursday to get the site live. This took longer than expected to get it running smoothly but it worked in the end.

## Conclusion

This was an interesting group (duet really) assignment, especially as we had to work on it one after another. We both are Network and Software Engineering students so it was a lot different from the web development we had done previously using more technical environments such as ASP.NET, CMS by wordpress was a welcome design oriented rather than programming oriented take on full stack development. I believe Rafi and I worked very well and organised ourselves sufficiently to create such a (in my opinion) very well designed website.