

Interaction Design

Course Assignment: Shadowball.co.za e-commerce website

Goal

To put into practice the principles learnt throughout this course and combine them with your skills in HTML, CSS and JavaScript.

Brief

Create the final version of your Shadowball website.

Level 1 Process

- Pages to be built: (4 Pages)

	Page	Description	URL
1.	Product Detail Page	1 Product only, one page only SHADOWBALL® PRO SIZE 3	https://shadowball.co.za/product/shadowball-pro-size-3/
2.	Homepage	A layout in accordance to your research.	https://shadowball.co.za
3.	Shop Landing Page	A list of all possible categories as planned in your Information Architecture	https://shadowball.co.za/shop
4.	Category Landing Page	A list of items in a given category eg. Shadowballs	https://shadowball.co.za/product-category/collectors-shadowballs/

- You will be given a **github repository** of all the assets required to construct the pages.
- Using your Adobe XD Prototype from the previous module assignment, start creating your HTML and CSS for the website.
- The website is not required to be mobile responsive, **but should ideally be**
- You are allowed to use a CSS framework if it's helpful,
<https://dev.to/duomly/6-awesome-css-frameworks-which-you-should-know-as-a-front-end-developer-2fb1>
- Include persuasive techniques to encourage users to use this website.

- Test the website with a user. Ask them to perform simple actions and see if there are any issues with feedback or unclear navigation.
- Create a folder on your web host and upload the website.
- Write a report about the decisions you made. Include the work you have done throughout the course that includes photos of your research, personas, storyboards, as well as a link to your prototype on Adobe XD. Finally, include a link to the website you created.

Level 2 Process (optional)

Use the WordPress REST API to get the data to render your pages instead.

	Content	ENDPOINT
1.	Pages	https://shadowball.co.za/wp-json/wp/v2/pages
2.	Categories	https://shadowball.co.za/wp-json/wp/v2/categories
3.	Posts	https://shadowball.co.za/wp-json/wp/v2/posts

Documentation

and more endpoints

<https://developer.wordpress.org/rest-api/reference/#rest-api-developer-endpoint-reference>

Help

<https://youtu.be/SooCXPiW2jY>

Marking Criteria

- Can apply knowledge of concepts and processes to interaction and user experiences for the development of digital products for displays
- Can apply basic knowledge of methods and tools for building low-tech prototypes and perform simple evaluation and testing ease of use
- Can apply techniques for developing user-friendly solutions and service for web and mobile devices
- Can apply knowledge of universal design in development, testing and of user-oriented ICT solutions
- Can study the process for low-tech prototyping, testing, evaluation and identify any user-friendly deficiencies

Resources

- [Click here](#) to get the starter code. It is a private github repo with all the assets required.
- [Click here](#) to download Report Template.

Submission

- Website link
- Please include a PDF report on the process you went through to complete this CA and the final product. Your report should include reflection on your submission, and must have at least the following main sections: introduction, body, conclusion, and references (if applicable). Your report must be 800-2000 words.

Time

- 40 Hours