

COIT 20268 - Responsive Web Design (RWD)

- Practical Assessment 1
- Refer to Moodle for the due date

Background

World of Toys, is a sole-proprietor with a proper shop front (i.e. an actual physical building where business is conducted). They have contracted you to develop a website for their shop. You have been provided with the following initial and technical specifications.

Memo: Website Requirements

From: World of Toys, Senior Management

To : WIMP Engineering R&D Consultants

Specification

Design and develop a website to provide information to customers who wants to visit the shop. The goal is to allow customers to obtain an overview of the shop layout and to find details of items available from the shop. The website is not an online shopping site. The website's main goal is to provide information to customers who want to visit the shop in person.

Resources

Resources such as images and details of opening hours can be found in **ProResource.ZIP**. The content of the ZIP file is:

1. Four folders named **board_games**, **lego_models**, **rc_toys** and **playing_cards**. Each folder contains images relating to the different types of items indicated by the name of its folder.
2. A text file **item_list.txt** contains the names of the items corresponding to each of the image from each folder. You need to use these names as the given description of the items on your web site.
3. A text file **shop_hours.txt** containing the opening hours of the shop.
4. **logo.png** - image of the logo of the shop.
5. **floor_plan.png** - floor layout of the shop.

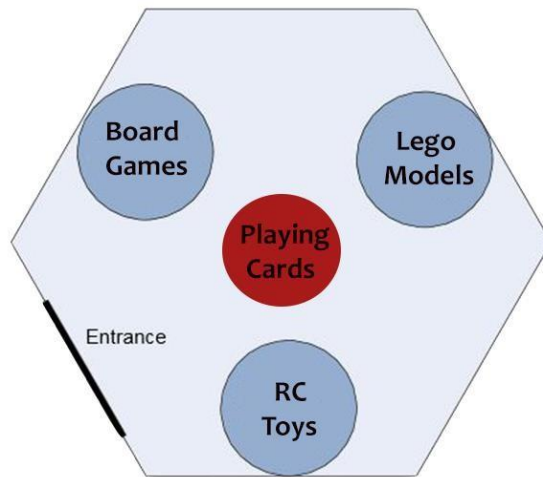
General Requirements

The managers insist that the following requirements must be adhered to:

1. Each webpage of the website must display the logo. You can edit this image, but the font style, type and colour must remain as in the original image.
2. Do not change the proper names of the item. Do not rename the filenames of any of the images.
3. All images of each item must be presented to the visitor. This can be done within one webpage or distributed across several web pages. The idea is to ensure that visitors are made aware of the complete selection of items available for them to visit.
4. The images are to be used as it is. You can resize the images retaining the original aspect ratio, but do not crop or edit (e.g., re- colour, touch up, sharpen, etc.) or rename the images in any way.
5. Generate a separate page providing the opening and business hours. The details are found in the *shop_hours.txt* file.
6. Text description for each item is not provided. You can provide your own 'dummy' text (i.e., lorem ipsum) to demonstrate the functionality of your web page design.

Example of Users Interacting with the Website

The visitor to the website will be greeted by a welcome message and the following layout of the floor plan of the shop. The visitor clicks on any of the display sections (circles) and/or text links. It should bring up details of the display sections with relevant categories with details of the items. The visitor clicks on any of the images of the items to obtain further information on that image. In addition, if the visitor selects an option to display shop hours, a separate page should appear to provide this information. Note that this is just one of the approaches on how to present your webpages. It is up to you to introduce further creative elements and innovation to support the webpage design.



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End-of-Memo

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Read more:

<https://sportal.cqu.edu.au/learning-support/academic-integrity/academic-integrity-faqs>

What You Need to Do

To complete the given project specified in the Background section above, you are to create a prototype of a stand-alone website for a desktop computer. Design your website to be rendered

by a web browser to fit a desktop computer display between 1024x768 to 1280x1024 pixels. The site must have pages that display at least three levels of information. The contents and resources have been provided in the above specification. The website will be assessed for cohesiveness, accessibility, design, and development effort.

Use any combination of HTML5 and CSS3 to develop this website. Remember to indicate which desktop browser (i.e. IE, Firefox, Safari, Chrome, etc.) you are targeting as the main working platform. DO NOT use Rapid Application Prototyping (RAD) tools or any other type of scripting languages, webpage templates or services or add-ons, e.g., Python, Lua, AJAX, Dreamweaver, Wordpress, etc. You are required to demonstrate your knowledge of HTML5 and CSS3 independently and without the assistance of automated development and visual design tools. Your website should be developed to be capable of launching directly from localised desktop computers. That is, the *landing page* (i.e. the first page or top page) of your website can be launched by calling or opening *main.html* or *index.html* directly from within a web browser. No web server is required for Practical Assessment 1 and 2.

What to Submit

Submit one practical ZIP file folder to your Moodle course site online submission portal for this course. Please name this ZIP folder as LastName 1.ZIP. This ZIP folder should contain the following:

All necessary files, images, scripts, coding, and resources should reside in a single main folder. It is up to you to organise the files and sub-folders within the main folder. Ensure that all your scripts and coding is stand-alone and portable. That is, your marker or instructor should be able to run your scripts from the type of browser you have specified by clicking on the *main.html* or *index.html* startup file. The web browser you specified should render your markup and scripts without problems.

Assessment Criteria

The following criteria will be used to assess your assignment:

Criteria	Marks
• Overall functionality. Web pages function as intended.	5

<ul style="list-style-type: none"> The prototype sufficiently demonstrates the main features of the initial design and its intended purpose. 	5
<ul style="list-style-type: none"> Quality of HTML5 and CSS3 coding techniques. Demonstrates proficiency in HTML5 and CSS3. 	5
<ul style="list-style-type: none"> Navigation 	5
<ul style="list-style-type: none"> Inline comments, filename convention and overall file and folder structure. 	5
Product page quality	5
Total marks:	30

Marker's Guideline

- To obtain 76-100% of the marks allocated for a specific section of the assessment, the student's work is expected to demonstrate a **very high** level of knowledge and understanding of concepts, facts and procedures, and application of knowledge within the scope of the course.
- To obtain 51-75% of the marks allocated for a specific section of the assessment, the student's work typically demonstrate a **high** level of knowledge and understanding of concepts, facts and procedures, and application of knowledge within the scope of the course.

- To obtain 26-50% of the marks allocated for a specific section of the assessment, the student's work typically demonstrate a ***sound*** level of knowledge and understanding of concepts, facts and procedures, and application of knowledge within the scope of the course.
- To obtain 1-25% of the marks allocated for a specific section of the assessment, the student's work typically demonstrate a ***limited*** level of knowledge and understanding of concepts, facts and procedures, and application of knowledge within the scope of the course.
- 0 marks will be allocated for a specific section of the assessment, where an erroneous or no attempt has been made by the student.

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