

Assignment 3 – Individual Website Development

The Virtual Vacation

Using a website template, develop a **single page desktop website** that promotes a **virtual vacation service**. Think carefully about the target demographic of the site and type of information that the site should provide. The design of the site should be professional with a combination of text and media content.

Use of Website Templates

Your website must be developed using a template from one of the following resources:

- <https://www.os-templates.com/free-basic-html5-templates>
- https://www.w3schools.com/w3css/w3css_templates.asp

Use your code editor and Chrome's Devtools to customise the template to suit the requirements of your site. Customisations should include content, structure, and visual design modifications.

- Change all text and image content in the template.
- Add, remove, and rearrange content sections within the template.
- Modify colours, backgrounds, and fonts to change the visual design.

Some of the templates from the sites above may include responsive layout code for mobile devices. Your completed site only needs to work when the site is tested at the **desktop resolution of 1920 x 1080 pixels**. You must test your code for validity and correct as many HTML validation errors as possible.

You must also demonstrate a basic understanding of client-side scripting by researching and implementing at least 1 useful interactive feature using JavaScript code. This functionality can be original code that you have written or make use of downloaded third-party scripts. **Server-side scripting is not required.**

Site Content Guidelines

Your website can contain both factual and fictional information about a virtual vacation destination, holiday package or service. For example:

- Promote a mobile app that allows people to join virtual tour groups from the comfort of their home.
- Sell subscriptions to a virtual reality simulation that offers unusual holiday experiences.
- Advertise a futuristic service that implants holiday memories directly into customers' brains.

The virtual vacation can follow a specific theme. For example:

- Cultural experience tours featuring food, crafts, and art.
- Extreme holiday experiences with adventure, and excitement.
- Relaxation holidays that allow people to explore peaceful locations at their own pace.

Downloaded images must have a Public Domain, Creative Commons or similar copyright licence that clearly explains your rights to use the image (check with your tutor if you are unsure).

All media content must be appropriately optimised for web delivery. Aim to only transfer a maximum of 25MB of resources when the page is loaded.

Supporting Documentation

Write a brief overview of no more than 500 words about the topic you have chosen for the website. You must clearly explain:

- What the virtual service is and the type of holiday experience that it offers.
- The specific target demographic that the site is designed to appeal to.
- The 5 most important features of the website in terms of:
 - Site content
 - Visual design style
 - Information architecture
 - Accessibility
 - User interaction

Your submission must include references for all non-original content used in the site. This includes:

- The website template that your site is based on
- All non-original text and media content
- Third-party linked resources, including fonts and code libraries
- JavaScript code, including downloaded third-party scripts and online tutorials.

References may be in the form of a title/filename and source URL.

Marking Criteria (25%)

- Understanding of brief, including client and user requirements
- Development of site content and implementation of design
- Implementation of information architecture and interactivity
- Demonstrated understanding of web technologies and optimisation
- Documentation, content sourcing and references

In-class Participation Milestones (2%)

1. Bring your assignment work to the **week 11** lab session for a progress check. Your tutor will expect to see evidence of research and planning or development progress.

If you are unable to attend the lab session for a participation milestone due to an unexpected hardship or other unavoidable circumstance, please contact your tutor to apply for special consideration.

Due: Friday Week 12, 11:55PM

- Upload your completed assignment to Moodle as a single **ZIP** file that contains:
 - A "**site**" folder containing all files required to view your website
 - A "**documentation.pdf**" file containing your supporting documentation