
Purpose

To design, develop, and publish a web site using recommended design practices. Your Project will demonstrate mastery of the web development skills and concepts learned in this course.

The project must be designed and implemented by you. The use of free or purchased web site templates are not permitted (e.g. no Dreamweaver, Drupal, WordPress, Blogger, Facebook templates nor those from the textbook's Case Study Lab). Work based on a non-original template will not achieve a passing grade.

As part of your planning the web site (detailed on the next page) and included in the submitted report, you should clearly describe the intended audience and the purpose of the site.

As part of publishing the website at the end, the site must be live and publicly available and there must be a video presentation recording in which you introduce the web site and explain the relevant design aspects of it. The link to the video presentation must also be included in your submission via Stream.

Your project code will be compared to all projects submitted in previous years to check for plagiarism of the code.

Checklist

General...

- ☐ A main landing page as well as between 6 and 10 additional content pages.
- ☐ A consistent style with relevant content on **all** pages.
- ☐ A table utilizing data effectively.
- ☐ All formatting done via external CSS and JS. **(NO INLINE OR STYLE TAGS)**
- ☐ **NO** usage of tag, inline/embedded/physical/logical styles.
- ☐ A Google map that can be either interactive or static centred on a city other than Palmerston North.
- ☐ One or more forms that must include at least 4 fields containing at least 1 numeric and 1 email address. (Appropriate HTML5 tags.)
- ☐ Form data with relevant timestamp saved to HTML5 local storage.

- ☐ A page called *collected_data.html* that has buttons that can both display submissions and clear all collected data.

On all pages...

- ☐ Appropriate page titles and meta tags.
- ☐ Links to HTML5 & CSS3 validators.
- ☐ Include at least one multimedia element.
- ☐ An email link that *DOES NOT* make use of the mailto element. Must be obscured.
- ☐ Adhere to accessibility guidelines.

No usage of...

- *mailto* or handlers.
 - page layouts based on iframes, tables, or frames.
 - Pre-made layouts.
 - Pages with little/no text other than images.
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Planning

Initial Proposal

1. What is the purpose of this site?

This site is intended to have a similar function to sites like my anime list. That is... it will provide a place to do 3 main things:

Primarily, to discover new games and track various aspects about the games you've played/are playing/plan to play.

Secondarily, to review and read reviews of games that have already been released in order to allow users to make informed decisions about what they play.

Thirdly, to track information & leaks about new and upcoming games.

2. What do you want the site to accomplish?

I want this site to provide, ideally, a platform to centralise a lot of information from various gaming news and reviews sites so that users can find all the information they need about any one specific game easily. It also should provide a way of curating games pages.

3. Who is your intended audience?

There are 2 main intended groups this site should cater to:

First are people above the age of 13 who are interested in games and gaming news. (Specifically, video games, although in theory this could be extended to tabletop games as well.)

Second are games news writers and journalists interested in having their platform extended. (**Note:** These journalists are subject to curation in order to weed out bigoted or heavily biased pieces.)

4. What opportunity, problem, or issue is your site addressing?

I feel as though there is a gap in the industry for a well known and well curated hub for games tracking (similar to myanimelist) and reviews. This can be easily seen in that most serious game reviews are left to the realms of YouTube videos and steam charts.

5. What type of content might be including in your site?

Primarily... videos of gameplay and trailers to give users a basic understanding of a game, written reviews by users and journalists, an online tracker and account for your games, and a front page with popular new releases/events.

6. List at least two similar related sites found on the internet and give reasons why you chose them.

Site 1 - <https://www.myanimelist.com>

MyAnimeList is an extremely well known site among anime fans for its use primarily in sharing and learning about new and old anime alike.

I have chosen it as my primary similar site for several reasons:

- It does what it needs to do well. Extremely well. On the home page you can find all anime from the current season and very easily share your watch lists with others.
- The review section is a good base for what my site aims at. There are plentiful in-depth and well thought out reviews for pretty much every anime listed.
- The rating system is pretty much exactly what I'm aiming for with some minor changes.

Site 2 - <https://ggapp.io>

GG App is a fairly small one-person operation that seeks to do a similar thing to myself. This site has much more of a focus on connecting with other people on the site itself as well as a simple yet effective game tracker.

I have chosen this as my secondary site for a few reasons:

- It has a greater focus on socializing and groups. This is a significant portion of what I want my site to target.
- Has a much more modern and clean UI. This is important especially in maintaining users.

- It is, as mentioned, a 1-person operation. This gives me insight into a site that, like mine, has to have reasonable restrictions placed on what can and can't be feasibly maintained.

Analysis

1. Website Goal

To provide a modern, clean, and simple implementation of a game tracker/journal, social platform, and review/information hub.

2. What will your pages be & information will you need?

Pages:

- (1) Landing Page (Home Page)
- (2-3) Developer Page [Arkane Studios, Bethesda]
- (4-6) Example Games [Dishonored, Fallout 3, Starfield]
- (7) Sign up/Login Page
- (8) Up & Coming
- (9) User Profile

Info Needed:

Text/Facts -

- Information about games synopses and descriptions will be obtained through the official game websites and through other official publications (Polygon, IGN, Steam, Epic Games, Origin, uPlay, and Battle.net)
- Reviews will, for the purpose of demonstration, be taken from current steam reviews where needed. (Same for any numerical data.)
- Any other text will be self generated to demonstrate user bios/names/release dates.
- Leaks and information about future games will be obtained via official sources and forums as well as through social media sites like Reddit and Twitter.

Graphics -

- Images and screenshots will be obtained through popular screencaps on Steam shared by users (to be used in reviews) as well as official screenshots shared by developers.
- Leaked pictures and concept art will be shown (with permission) where official images cannot be provided. This will mostly be for unreleased games.

- Google Maps showing a developers country of origin will be portrayed on each developer hub so as to give users an idea where their games are coming from. (Information on this location can be obtained via Wikipedia or official games websites/Steam.)

Sound/Video -

- Sound and video will be obtained from official trailers and or embedded from news journalist channels on YouTube.
- Gameplay and reviews will be similarly embedded from YouTube.

3. How will your project use a form?

A form with 2 form sections will be used on the login page. One section will allow users to login with a username and password.

The other will ask for the user to sign up with an email, a confirmed email, a password, a confirmed password, a first name, last name, a date of birth, and a checkbox to agree to Terms of Service.

4. A site map.

Use whatever tool you like, draw a site-map that shows the hierarchy of pages and relationships between the pages.

5. A page wireframe.

Create a wireframe model of a page that clearly shows the logo, navigation, content, and footer areas.

Contents of the Final Report

Along with your name and ID, include the URL of your site and when discussing the sections outlined below (when appropriate) include screenshots of your published website.

To Include

Introduction:

- ☐ Intended audience.
- ☐ Site purpose—what we want to accomplish?
- ☐ Opportunity/problem my site addresses.
- ☐ Two similar sites and why they were chosen.

Analysis:

- ☐ The five sections in the analysis above.

A Critique of the Site:

- ☐ What do you think is good?
- ☐ What would you improve with more time?

Appendix:

- ☐ Include all the JS code and the related HTML for key sections of your website to illustrate the overall structure and design of your website considering that the entire code will be submitted as a ZIP archive.