

StarneoGo

Project Report

DT228/DT282

Web Development

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**<11th Dec 2018>**



Declaration

I hereby declare that the work described in this dissertation is, except where otherwise stated, entirely my own work and has not been submitted as an exercise for a degree at this or any other university.

Signed:

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# Problem Description

The Website is built with type of users in mind, and it is for those in Dublin and specially those who are not from Dublin. The website is about Virtual Reality (VR) games, and how people will enjoy a fun and safe time playing it around Dublin , what games they could play as they roam around.

1. The main page includes direct feed from the companies twitter accounts along with number of important twitter account to check including the garda.
2. a map with list of places tends to have many players along with some pictures been taken in some of these spots.
3. a page that include tutorial videos.
4. a page that includes what are the games along with links to download them based on if they have android or apple phones.
5. Last page is about Page that includes a sign in form as well to my contact information followed by important contacts to know in a table.

The site aims to solve the issue with people who comes to Dublin and finding it hard to find got spots to play or would play but they want to go around Dublin, or any similar situation to that. The VR games are fun and motivational and has helped some to go out work their bodies and have a fresh air when they normally did not tend to do so.

# Research

Research other websites similar to your site.

Evaluate the site layout and site content.

You must look at 3 websites as part of your research.

The website layout is simple and direct not much of content or details in comparison

pokemongohub.net

pokemongohub is very responsive organised and full of containers that keeps everything together, the website seems to have multiple java scripts as well to CSS grid codes. The site is for players who which to check the newest updates , Pokémon information and what the best set and strategies to use in the game.

(Pokemon GO Hub | Pokemon GO News, Updates, Guides, Tips and Tricks 2018)

Pokemon GO Hub | Pokemon GO News, Updates, Guides, Tips and Tricks. 2018. *Pokemon GO Hub*. Available from: https://pokemongohub.net/ [Accessed December 11, 2018].

forum.ludia.com

Ludia forum has much smoother looking web forum and it slightly lack a responsivity in their content mainly the navigation bar, and the support page seems to have a different CSS to the other pages, but it contains number of interesting functions such as the history navigation , the website is a general forum by Ludia for players to find the news updates, have interaction with staff and other members as well.

(Ludia Forums 2018)

Ludia Forums. 2018. *Ludia Forums*. Available from: https://forum.ludia.com/ [Accessed December 11, 2018].

rumorscity.com

Rumorescity has a signing form on all the pages as well as searching bar, social media text box for comments, a smooth interface and warped grid, drop out menu. was the most similar to my site in term of different content and the site being very responsive contain multiple pages which are Animals, culture, Life, Games and such.

(Foo 2018)

Foo, A. 2018. Games Rumors for all upcoming games. *Rumorscity.com*. Available from: https://rumorscity.com/games/ [Accessed December 11, 2018].

# Technology Selection and Site Architecture

HTML5/ CSS3

The site is to be simple and easy to be used , and to offer later more in-depth details with multiple lists each differ from one to another and have a map with locations to go to play the games. As well to a page with slide show that contain number of different videos and the main page to contain life feed from the gaming company via twitter widgets, while the about page to contain a signing form as well a table of important contacts.

Via media queries as it is the best way to deal with different devices screen sizes as well to use responsive elements that probably will not collapse with one another.

To use different web-kit within the CSS file that specify that this website take the information in a certain manner.

# Low Fidelity Prototype

Create a Lo-Fi prototype to describe the site content and layout for the customer/stakeholder.

You must evaluate your prototype using appropriate heuristics.

A screenshot of a computer

Description automatically generated

# Development Plan

The website been built using previous martials then expanding with creating a special header, followed by making the navbar and setting main layout.

Second step was to fell the website with some content and apply the first layout on the rest of the pages, as after that added different information and multiple of CSS rules and first JavaScript to the page.

Third is applying a map to the page, then a slide show and fixed number of errors with the containers, followed by adding the tabular data and form, while trying to get the website to be more responsive and flexible.

# Testing Plan

Explain in detail the strategies used to test the website. (eg. HTML validation, CSS validation).

The testing was to go through w3c and check for any errors then tried to open the website in several different browsers and to see what is different and replaced pieces of code to more responsive one such as using more general matrices or putting the CSS rule in a different tag, except for IE or Edge as it does not take new CSS rules and JavaScript rules and other than that the site works fine.

# Site Evaluation

You must describe how you evaluated your website using appropriate heuristics.

After using W3C and finding the errors I noticed number of my errors was I used same Id more than once after each other which I fixed by add the id to a higher placing holder decreasing the amount.

# Deployment

Describe how the website was made available online.

For this website the project is bigger than the space allowed for a free website to be uploaded and published by websites such as Thimble and 000webhost, so I reuploaded one of my old labs to test it and the website is available online.

Describe the techniques used for Search Engine Optimisation (SEO) by using the correct search queries, which will get the page to be visible on the search enginem.

Complete an SEO Audit on your website

Learn what your users want

Create an optimized landing page, make sure your website is mobile-friendly, optimize your content for ranking, write a valuable roundup posts, regularly update your old content and finally have multiple keywords in SEO page titles.

Neil Patel. (2018). *19 Advanced SEO Techniques That'll Double Your Search Traffic*. [online] Available at: https://neilpatel.com/blog/10-advanced-seo-techniques-thatll-double-your-search-traffic/ [Accessed 13 Dec. 2018].

# Appendices

Weekly Logs

¬ Your weekly logs must be included in the Appendices section of your report. (ie. At the end)

My site

: https://salmancoditbet.000webhostapp.com/index.html