

Irish Music

Project Report

DT228-1

Computer Science

**William Carey**

School of Computing

Dublin Institute of Technology

**07-12-2016**

Project Link:

[irish-traditional-music.000webhostapp.com](https://irish-traditional-music.000webhostapp.com/)



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:

\_\_\_\_William Carey\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

William Carey

07-12-2016

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# Problem Description

This is a website that covers the initial basics of Irish Music and some of the traditional features of Irish Music, as well as some of the famous people. With people persisting in more data, I will add more to make the website more dynamic. Some of the topics covered are the dance tunes, performers, a composer and their work and many of the instruments used to perform these tasks. It uses videos as well as pictures to give you a visual and audio aspect of the works done in the industry.

Describe the archetypical users of the site.

They would land on the first page and look at the links. If none interest them they will leave the page. If one of them notice a part that they are interested, it would be a three out of four that they will look at the videos and images instead of the content. If they land on the last page they can provide feedback to me, although I don’t think it does that function properly. They could also try to mess around on the final page to see what they can get away with.

The website display knowledge to those who know bare minimal to nothing at all. It allows they to become aware of the musical culture of this country.

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# Research

When it comes to the design, overall it looks to be unique, as all other websites seem to follow a different type of structure depending on what they are needed for. The only websites that holds a similar type of content to what I have used is the DIT website, my secondary school website, which is built in a very similar way to DIT. Although it would be more spread out the other website that I think would hold the same content as my one is the W3Schools website, as they have an example on everything to do with HTML.

It has a variation of contents and links to other parts of the websites. It has the standard attractive colour to the website. However, some factors that have make it not the best type of website is the fact it holds the basic functions. Only HTML and CSS are used in this website. It has links to other websites which is needed for the students but goes no further than that. The only thing the site has that my site does not is the slideshow. Otherwise it shares the same characteristics as my website.

DIT is very similar as my website that it holds similar function. The homepage is very like my homepage except it looks more dynamic. There are too many pages for me to look at them all, but I know from being shown a few in the past two month that it holds all the same functions as mine and more.

W3Schools is the ruling and teacher of HTML, CSS, JavaScript etc. For this reason, it holds a lot of the same functions as my website and a lot more. This makes it similar in some areas, yet at the same time different.

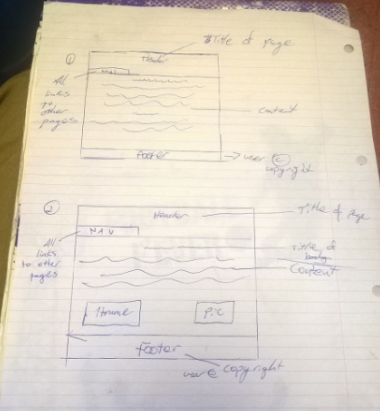
# Technology Selection and Site Architecture

HTML 5 will be used, alongside CSS 3. These are the latest versions and strictest of all the functions. It is this reason that allows the site to be Cross Browser Compatibility. This will allow any user to use the website regardless of the browser they use. It also allows them to use whatever device they want to use that can visible connect to the internet. That is more likely be a phone, tablet, or laptop/ Personal Computer. However, there is a smart box that allows the user to use the television to look up YouTube or other sites using this device. Despite few are in use in comparison to the phone etc., we must allow for them to be viewed on such devices.

The layout for the website is quite simplistic. The links and title of the page is in the header of the page. All the information is in the body of the page. And the footer has the copyright symbol on it. It has media designed depending on what device screen size the user is using. As such it doesn’t matter what one you use, as the website will adjust to the device itself.

We would expect them to look at the website and can go page to page through the links above. I would also expect them to view the videos for audio purpose. Otherwise, they would more likely get bored of text after text. All the devices would be the same, except maybe a laptop would be faster than a phone, which is not the site fault but the user for the device chosen.

# Low Fidelity Prototype



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# Development Plan

The page will be created bit by bit. First, by evaluating other websites, I would know what type I would like. I can create the pages and have placeholder content to have an idea of how the page looks. I would then make sure my information is correct by checking other sources online. Once that is completed I would get the images needed and use them, alongside YouTube videos to make the information more useful and to have a real-life example of what I am saying. If not that reason, then to prove a point.

Once I have everything, I put them together like a puzzle, making sure each piece fits and makes sense. After each piece is added, I must make sure they look the way I want. That is by changing each little bit using CSS to make the page look nice. After I added the images and videos, along with the CSS, I would change the placeholder text with proper and relevant text. Once everything is done, I check I can get from one to another. The last page is a contact form, which means I have validate it using JavaScript.

Once that is done, the pages has to be adjustable to each screen of smart device, so we deal with that by using adjusting sizes (“em”s instead of “px”s). Once all of that is done, the page should be in use by anyone else.

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# Testing Plan

The way I tested the page to make sure the HTML was working with the CSS was to make sure everything was initially working, then maybe change a letter in a ID. This should force the CSS not to style it. This would cause it to go a dull version of a website. If this happens, I fix the website back to the way it was. If this fixes the problem, I know the HTML and CSS are working as the testing proved by contradiction. By the last page, I must validate the three inputs of email, name, and year. So, I check to make sure they are all not blank. Then the user is forced input something in the contents. The email contains a function that forces the user to input only an email and the year forces the user to input a number. The name can be anything now but that will change.

I tested it on W3Schools mark-up validator to make sure it passes the Cross Browser Compatible Test. Then I also check it on different websites on my laptop. As it did not initial pass the validator, I looked at the problems and change my website according to what the problems were. I also checked it on different sites and they all looked the same on each site.

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# Site Evaluation

In the first page, the title is at the top of the page, which the information following it later in the content of the page. The Header and footer of the page is orange while the body is green. The text is white with the main one at the top is a combination of blue and green. The links is in the header at the left corner. This is the basic layout for the pages which the homepage shows.

The second and third page shows similar features except they have pictures and videos. The pictures are to the right while the videos are to the left. Both follow the paragraph which they are associated with. The fourth page follows similar to the second and third except they contain no pictures, only videos. Due to this, the videos are centralised after their respective paragraphs.

The final page is a contact form. This will allow the user to put forward their opinion on the website. However, there is a limit to what they can do as to mess up the page. JavaScript will function on this page to make sure it is working as expected. The layout follows as there is a box for the first name, surname, year of knowledge, email and what should I as the creator add on later. There is also a drop down list on certain instruments and a checklist on what page should be updated. The message to me is the last part which I expect most people to skip over, which is why it is last. After all that there is a submit button at the end.

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# Deployment

It was made online by OOOwebhost.com. I put all the documents online and move them into their respective folders using the same naming convection as I used for the local host when I initially created this website. Once I had done that, I moved them to the folder public html, which allowed the website to be publish. Once that was done I added the description and keywords to the website. This would allow the internet to make a connection to the outside user from the page itself. Unfortunately, there is so much sites on Irish Music that search optimisation is near impossible.

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# Appendices

Weekly Logs

Week 9

I looked at a few examples of websites which I liked the layout of, one of which is “YouTube”.

I then decided what topic what website I wanted to write I knew I could write a lot on. I also written what some of the subtopics are.

I created a low fide pro-type first draft on what I could like my website to look like. This includes some layout of the website.

For websites examples and the draft, I took a picture and emailed the pictures so I have them on my laptop.

Week 10

I had decided my topic that is Irish traditional music and did some research on this topic.

I downloaded some pictures that I know would be beneficial to my website

I have started the design of my website

I did an outline of what topics would I cover in the five pages on my website.

Week 11

I had started to create the content of my five pages. I am even successful in creating one page and on the verge of finishing off another two. In the page, I had done I added 6 images and four YouTube videos.

One page I am nearly done is the JavaScript page, while another is just CSS and html. I had some notes for the website but I did extra research on some of the topics. I also validating my websites to make sure they are okay.

Week 12

I have finished two more html pages, currently working on the third and finishing up validating the JavaScript.

# References:

***Images referencing:***

Bodhran: <https://www.google.ie/url?sa=i&rct=j&q=&esrc=s&source=images&cd=&cad=rja&uact=8&ved=0ahUKEwjRn6rbmuLQAhUHD8AKHcj6CAgQjRwIBw&url=https%3A%2F%2Fwww.emaze.com%2F%40AFWORLWW%2Fireland&bvm=bv.140496471,d.ZGg&psig=AFQjCNEqQ6BowHTGRBGOUp5Ur5fSPGm1gw&ust=1481204444541768>

Banjo:

<https://www.google.ie/url?sa=i&rct=j&q=&esrc=s&source=images&cd=&ved=0ahUKEwiYkYaAm-LQAhWrC8AKHTEoDzUQjRwIBw&url=http%3A%2F%2Fwww.deeringbanjos.com%2Fpages%2Fbanjo-anatomy&bvm=bv.140496471,d.ZGg&psig=AFQjCNFH8Z-t1qVxq1b-QhivA7TCI9P5_g&ust=1481204520160613>

Piano accordion:

<https://www.google.ie/imgres?imgurl=https%3A%2F%2Fstatic.roland.com%2Fassets%2Fimages%2Fproducts%2Fgallery%2Ffr-3x_top_gal.jpg&imgrefurl=https%3A%2F%2Fwww.roland.com%2Fus%2Fcategories%2Fkeyboards%2Fv-accordion%2F&docid=B88iFnvlwy6cEM&tbnid=I-GVpYADNIUDwM%3A&vet=1&w=1518&h=1050&bih=662&biw=1366&ved=0ahUKEwjv0K2xm-LQAhVLJcAKHbRpC1IQMwguKAAwAA&iact=mrc&uact=8>

Uillean Pipes:

<https://www.google.ie/url?sa=i&rct=j&q=&esrc=s&source=images&cd=&cad=rja&uact=8&ved=0ahUKEwiwjuDam-LQAhXoAsAKHbXwBE0QjRwIBw&url=http%3A%2F%2Fmickeydunnepipes.com%2Fuilleann%2F&bvm=bv.140496471,d.ZGg&psig=AFQjCNGS1OfNPSaCsiUPD5hiZQUNU2mzyQ&ust=1481204708337139>

Spoons:

<https://www.google.ie/url?sa=i&rct=j&q=&esrc=s&source=images&cd=&ved=0ahUKEwjIxpaPnOLQAhUmAsAKHYyvDusQjRwIBw&url=https%3A%2F%2Fgastropod.com%2Fepisode-1-the-golden-spoon%2F&bvm=bv.140496471,d.ZGg&psig=AFQjCNF-ee4mY0Xq5CANvWSemmxny5cc0g&ust=1481204826919564>

Harp:

* Labelled Diagram: <https://www.google.ie/url?sa=i&rct=j&q=&esrc=s&source=images&cd=&cad=rja&uact=8&ved=0ahUKEwiwkp3MnOLQAhWjOsAKHfVJC4YQjRwIBw&url=http%3A%2F%2Fefdreams.com%2Fharp.html&bvm=bv.140496471,d.ZGg&psig=AFQjCNENZvuKIs2tQ29Xs9cUVgQ41HuTIA&ust=1481204938134933>
* Played with fingertips: <https://www.google.ie/url?sa=i&rct=j&q=&esrc=s&source=images&cd=&cad=rja&uact=8&ved=0ahUKEwiZxa-AneLQAhUEAsAKHWxCBzMQjRwIBw&url=http%3A%2F%2Fwww.ebay.com%2Fgds%2FHarp-String-Buying-Guide-%2F10000000178633084%2Fg.html&bvm=bv.140496471,d.ZGg&psig=AFQjCNGLEpbgncIQQHyhWab4iTG9p9HETg&ust=1481205049452151>

Reel, Jig and Hornpipe:

<https://www.google.ie/url?sa=i&rct=j&q=&esrc=s&source=images&cd=&cad=rja&uact=8&ved=0ahUKEwiWkvSqneLQAhWIOsAKHZP-CAMQjRwIBw&url=http%3A%2F%2Fslideplayer.com%2Fslide%2F6667847%2F&bvm=bv.140496471,d.ZGg&psig=AFQjCNGTA9ngBfI3hqu6Gk-iSdw8pFBYzQ&ust=1481205152942022>

***Iframe referencing:***

Reel: <https://www.youtube.com/watch?v=HcVD-6w4A8k>

Jig: <https://www.youtube.com/watch?v=0mhe9eMWiIA>

Hornpipe: <https://www.youtube.com/watch?v=vohXmvoVueA>

Bodhran: <https://www.youtube.com/watch?v=kqvWuYrNShA>

Banjo: <https://www.youtube.com/watch?v=5RCOIvf7NY4>

Piano Accordion: <https://www.youtube.com/watch?v=JODnID2iuBE>

Uillean Pipes: <https://www.youtube.com/watch?v=YMvBnEvuBuA>

Bones and spoons: <https://www.youtube.com/watch?v=ibjds5PIyMk>

Sean O’Riada Work: <https://www.youtube.com/watch?v=Vb2lHME4tkI>

The cheiftans: <https://www.youtube.com/watch?v=u7pDiO52xSs>

The Dubliners: <https://www.youtube.com/watch?v=-mPraO_sJ7A>

All the word documentation came from leaving certificate studies, which I kept after my leaving cert was completed.