

**Graduate Diploma**

**Level 7**

**STD621: Internet Programming**

**First Assignment – Project Report**

**Final Result: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Assessor Signature\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

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# Introduction.

The idea of this document, is to show to the stakeholders how and why the technologies are used to create a simple, but functional website that has some components inside.

In order to cover the whole development of the project, this document is going to be structured by every page that was created chronologically by time.

# Development.

The development of the first assignment was based on the guidelines of the lecturer and the head’s department of IT.

# First Page

For the first page was generated a html file with all the basic information related to the web application, for this web page the technologies used were: Bootstrap, Jquery, Javascript and CSS.

The idea of this assignment was to get to know different methodologies and structures to accomplish the task described for the project, so that each HTML has it’s own CSS file and JS file.

The web application was thought to be easy to use and intuitive so has a simple but decent background combination of colors such as: white, black, brown and some blue in the buttons and some objects.

In order to create the Navbar, I decided to work with Jquery and the class “wrapper” which comes from the Bootstrap library. Basically, I needed to compress the menu in the top of the header to stick it to the top of the first web page in order to give the final user always an alternative to navigate into the different pages. (**picture**)

Jquery, in this case, was used to create the transitions for this nav bar, so every time the user roll down over the page the background of the Navbar is going to show or disappear as it goes up to the top of the page.

For this element I used the media queries in order to make it responsive, that means, it change every time the user use a smaller screen. (**picture**)

After creating and managing the Navbar, the space for the text and the embedded video was created, this was inserted into a css grid as the view of the page needed to be in two columns in larger screens and on single columns in smaller screens since was thought to have the less but must consistent information for the user. (**picture**)