



Institiúid Teicneolaíochta Bhaile Átha Cliath
Dublin Institute of Technology

PlayStation VR

By

Rui Ranito

Student's number: C18753061

Course Title: BSc Computing Science

Component title and code: Web Development 1– CMPU1031

Lecturer: Dr Jonathan McCarthy

We certify that this assignment is all our own work and that all sources have been acknowledged

Signature: _____

Date: _____

Identify target market: what is your audience?

My web page is derationed to people that like technology and innovations more precisely people interested in games and the new ways of play that is the VR (Virtual Reality).

List site objectives

With this web page I want to show more about the PlayStation VR, show the specifications, what the user can do and the what games that the user can play.

Navigation

My web page will be divided in 5 pages those are Home (that is the index), Specification (the Specification of the VR), Photos (photos of the PlayStation VR), Multimedia (videos of the VR in action) and Games and Accessories (list of games supported by VR and its accessories).

Sketching of initial design concepts.

Appendix A, B, C, D, E.

1. Contrast

Contrast is the effect that allows to emphasize the visual weight of one or more elements or zones of a composition through the opposition or appreciable difference between them, allowing us to attract the attention of the spectator to them. on my website I decided to use more neutral colours.

on my website I decided to use more neutral colours, in spite of being a website directed to inform a new technology used to play video games I decided to use the white background with black letters and scales of grey to give a more technical aspect.

2. Repetition

It is the simplest way to repeat elements. It involves placing elements with attributes similar to regular spaces. The only variations allowed in this type of repetition is the magnitude of the spaces between the elements and the orientation in which this repetition occurs.

For the creation of my website, I opted for the horizontal repetition model in the pages (Home and Games). The repeated and regular provision of similar elements of the menu in a horizontal way, contributes to the ease of navigation of the page, maintaining an order that allows easy viewing of each of the elements that make up the website. For the rest of pages (Specifications, Photos and Multimedia), as I use more pictures, I opted for the Syncopated Repetition. This type of repetition shows a somewhat more complex order than regular repetition, since it is a matter of repeating groups of elements that in turn are ordered in a regular way, providing a feeling of order similar to that achieved with the previous type of repetition. but with a geometry of greater complexity.

3. Alignment

My website because it is geared to transmit technical information about a product I decided to align my text in a justified way, the Home page is divided into two columns to give this impression of technicality.

4. Proximity

The time a web user uses to determine if the content of the page he is on is what he is looking for is very short, not going beyond a few seconds. This makes it essential that any good design makes the user find easily and with just a few hits of sight what we offer.

The principle of proximity in web design is the necessity to organize the contents into units or thematic groups that serve to make users more easily oriented.

This principle of web design, while it can be used to achieve effects on the aesthetics of the page, has as its main task to facilitate access to content by users.

to achieve these objectives, I decided to group in a way that the different contents are ordered and that those elements related to each other are close, so that the user has no more than three or four groups of objects.

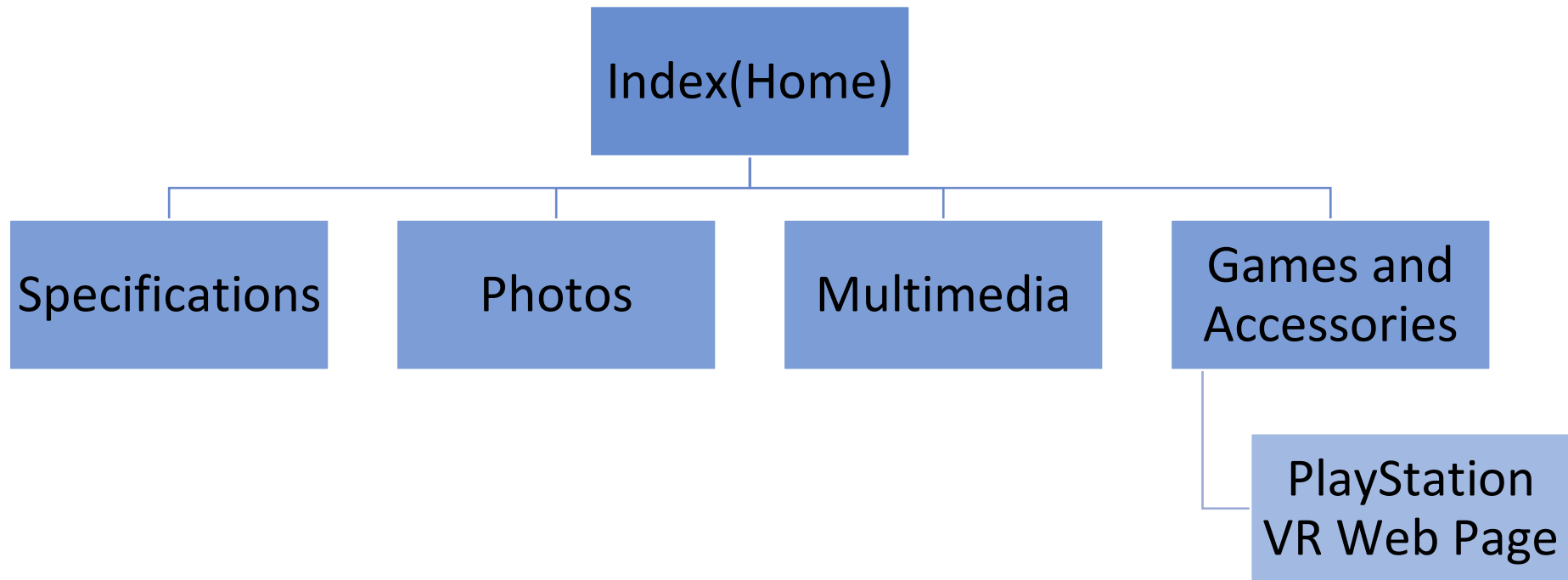
HEADER (all pages)	
Size	900 x 150 px
Background-color	#ffffff
Border-Bottom	1px
Border-Bottom color	#606060
H1	
Font-family	Arial, sans-serif
Font-size	30pt
Color	#606060
H2	
Font-family	Arial, sans-serif
Font-size	15pt
Color	#888888
MENU	
Background-color	#dddddd
Color	#000000

Size	550 x 38px
PICTURE	
Size	200 x 121px
Position	Right
FOOTER (apply in all pages)	
Border top	1px
Text -align	Center
BODY (apply in all pages)	
Background-color	#ffffff
Color	#000000
H1	
Font-family	Arial, sans-serif
Font-size	20pt
Color	#606060
H2	
Font-family	Arial, sans-serif
Font-size	13pt
Color	#606060
Background-color	#dddddd
H3	
Font-family	Arial, sans-serif
Font-size	12pt
Color	#606060
Background-color	#ffffff
HOME and GAMES (pages)	
Size	940 x 1940 px

PICTURE	
Size	470 x 275 px
TABLE	
Size	424 x 240 px
Border	1px
Text-Align	Center
TABLE TITLE	
Font-family	Arial, sans-serif
Font-size	13pt
Background-color	#ffffff
Color	#888888
TABLE LEFT	
Background-color	#606060
Color	#ffffff
TABLE RIGHT	
Background-color	#cecece
Color	#000000
VIDEO	
Width	400px
Height	224px
RIGHT	
Width	320px
Background-color	#dddddd
Color	#000000
H1	
Font-family	Arial, sans-serif
Font-size	20pt
Color	#606060
H2	
Font-family	Arial, sans-serif
Font-size	13pt

Background-color	#606060
Color	#ffffff
VIDEO	
Width	320px
Height	150px
SPECIFICATIONS (page)	
Picture	500 x 280 px
Size	940 x 801px
PHOTOS(page)	
6 Pictures	210 x 210 px
Size	940 x 1045 px
MULTIMEDIA (page)	
Picture	900 x 580 px
Video	440 x 246 px
Size	940 x 1045 px

Organization Chart



5. HTML and CSS

There are a plenty of tools for create a website using HTML and CSS like NotePad, NotePad++ on Windows and TextEdit or Brackets on Mac, Komodo Edit, these are free, and we have others editors like Dreamweaver from Adobe and CoffeeCup full edition but we need to buy a licence to use these products.

6. Graphics

To manipulate images to insert on a webpage there are tools like Photoshop from adobe, but we need to buy a licence to use this product or we can opt for a free tool like Gimp.

7. Site uploading

To uploading a webpage is necessary first you must actually sign up for some space. Your ISP may provide you with some for free, or you may buy some professional hosting, or sign up for some free space with one of the many companies that offer it. Once you have signed up you will be given a web address where others can find your site. At the moment they won't see much there, so you need to get your files to that location.

Some webspace providers have a system online which lets you upload files through your web browser. This is helpful, but for proper control of your site you will want FTP access. FTP means File Transfer. To perform FTP, you will need an FTP client program like Cute FTP or Filezilla.

To upload my webpage I used the web host 000webhost.com and the link for my webpage is:

I uploaded the Garden Webpage.

<https://psvr-dit.000webhostapp.com/GardenCentre/index.html>

8. Tools used in my project.

For the development of my Website, I have decided to use Brackets as my principal tool of creation. The vantage of Brackets is that you create a clean code and it is free program. The disadvantage is that you have to wright the code manually and you cannot see the result at the same time that you are writhing the code.

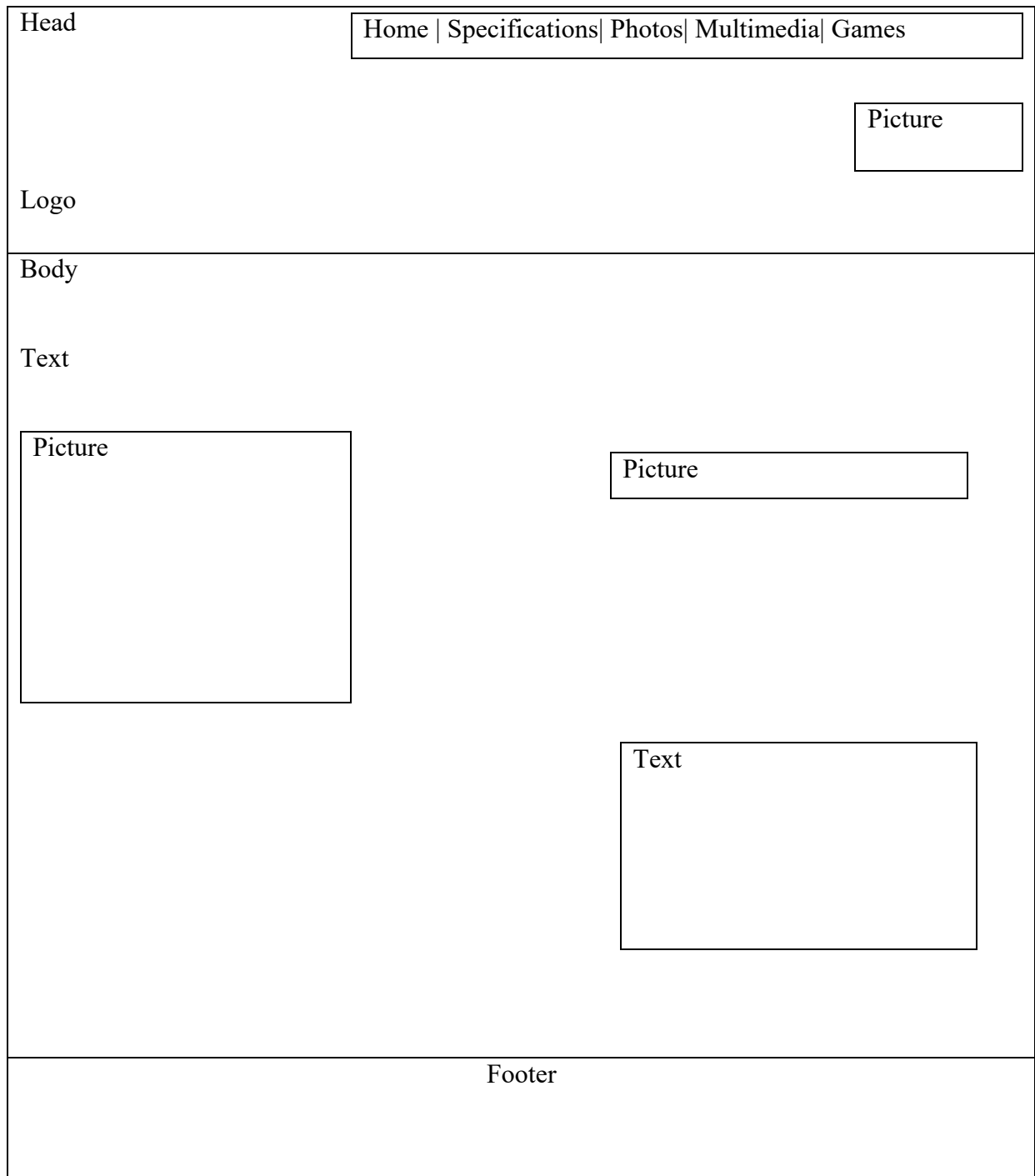
Appendix A

Home(Index)

Head					
<div>Home Specifications Photos Multimedia Games</div>					
<div>Picture</div>					
Logo					
Body					
Text	<div>Video</div>				
<div>Picture</div>	Text				
<table border="1"><tr><td>Table</td><td></td></tr><tr><td></td><td></td></tr></table>	Table				
Table					
Text					
<div>Video</div>					
Footer					

Appendix B

Specifications



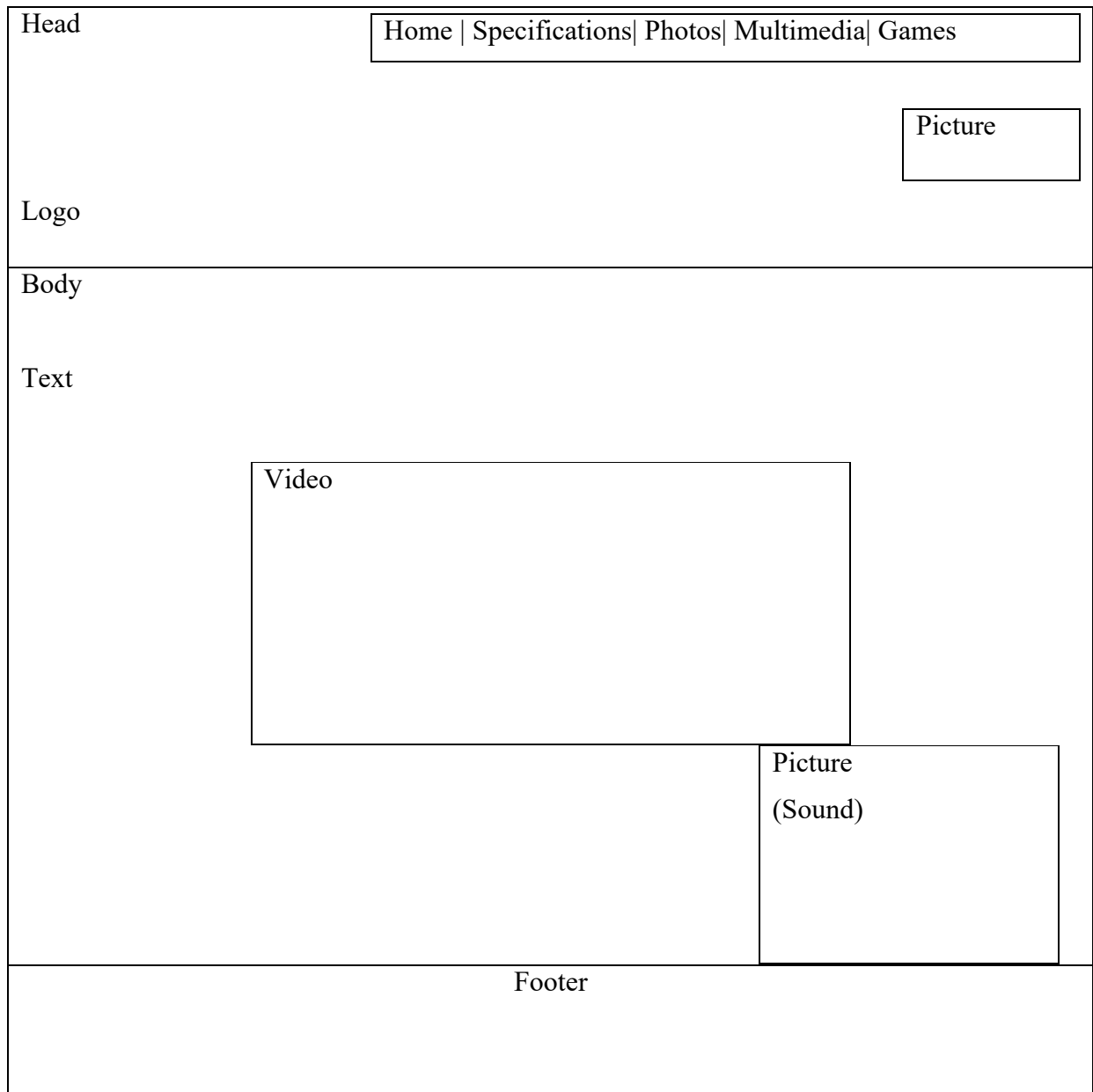
Appendix C

Photos

Head	Home Specifications Photos Multimedia Games
	<div data-bbox="1198 533 1406 616">Picture</div>
Logo	<div data-bbox="177 712 1417 1677">Body</div> <div data-bbox="177 817 1417 862">Text</div> <div data-bbox="177 922 515 1252"><div data-bbox="177 922 515 1252">Picture</div></div> <div data-bbox="592 922 989 1252"><div data-bbox="592 922 989 1252">Picture</div></div> <div data-bbox="1038 922 1385 1252"><div data-bbox="1038 922 1385 1252">Picture</div></div> <div data-bbox="177 1290 478 1541"><div data-bbox="177 1290 478 1541">Picture</div></div> <div data-bbox="624 1308 959 1559"><div data-bbox="624 1308 959 1559">Picture</div></div> <div data-bbox="1023 1326 1380 1576"><div data-bbox="1023 1326 1380 1576">Picture</div></div>
Footer	

Appendix D

Multimedia



Appendix E

Games

Head	
<div>Home Specifications Photos Multimedia Games</div>	
<div>Picture</div>	
Logo	
Body	
Text	<div>Picture</div>
<div>Picture</div>	Text
Text	<div>Picture</div>
<div>Picture</div>	Text
Text	<div>Picture</div>
<div>Video</div>	Text
<div>Picture</div>	
Text	
<div>Video</div>	
Footer	