

Web Design and Development

Benefit of Education Website Report

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BACHELOR OF SCIENCE (HONOURS) IN COMPUTING

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# Rough Plan

* ***Set up GitHub and make first commit***
* Create link for infinityFree
* ***Build website and have 4 pages that link with working nav bar***
* Wireframes for desktop and mobile (8 total)
* Video demonstration
* How I optimized images
* HTML validation ( before and after screenshots )
* Google page speeds ( before and after screenshots )
* Link to video demonstration (yt)
* Discuss understanding of “structured, maintainable and accessible web” and how I did this in the project

**Website plan**

* ***Landing page with 3 other pages ( home, about, gallery, contact and further reading )***
* ***Gallery with 4 images***
* ***Form with 5 fields*** ***and JS for validation***
* ***Mini Game***
* ***DOM each page*** (***click text to reveal more, onmouse over to find about more about image***, ***click authors name to find recommended reading***,
* ***Responsive, link to each site working on nav bar***

# Week 2

“I used to think that I did no great in groups. I am a person who enjoys only to observe. I believed I learned better when I was on my own, even though I understood group working had more positive beliefs, I was more comfortable with the lecture-based approach since primary school and rejected any kind of group work just because it needed effect, not because it had a collaborative learning approach. However, during my group project for the module problem solving and programming concepts in National College of Ireland, I came to know that I learn more effectively when I work in groups. Working in a group was an amazing journey for me, there was both interesting and difficult moments while preparing the group project work. This first question our group came up with was “Who will do what for our project”, how we will keep in contact and eventually we came to the conclusion that it would be more effective if we uploaded our individual work using google drive that way all of us could effectively edit any wrong doing or grammar mistakes and it would speed up our project exponentially, all three of us would have more free time to ourselves while at the same time working together on all parts of the projects, be it the IPO chart or the Pseudocode, it did not matter as long as we were in contact we would get passed any problems that would arise. Although we did of course give specific roles to each group member, in my group there was three people, one of them was me, one was a friend from my last school and the other was a newly met friend I got to know when I started in this school.”

# Week 3

“When I’m doing assignments I always try to think through the project and outline the work on paper. I have had to learn to develop good decision making and sometimes I have had to take the odd risk. I have found that using the “six hats” approach by Edward de Bono, I am able to now just do this from a group point of view and also for myself. I often use the black hat when I go proceed on taking risks while working. This has sometimes been difficult as it can impact my overall performance during the rest of the year. As an example, I chose to not hand up a computing industry project until I had rewritten aspects of it and submitted it a day later. I was under pressure and felt that I would be better to lose a small percentage of my overall mark. I realised that I needed to speed up my other work so that I can get everything completed by the due date. I have got better at figuring out the schedule problem using my own judgement, and this has led to me making better decisions this semester. I have also had similar situations with group work which I discuss later from a team working point of view.”

# Week 4

“I received my first C.A. ever for XXXXXXXXXX. Our lecturer provided us with a brief and a template to follow when creating our projects which were documents that I had never seen before. The wording and structure baffled me and left me in a very nervous state as I was afraid. I wouldn’t be able to complete this project. I then went through my notes from earlier in the semester in XXXXXXXXXXXXXXXX where we discussed the steps in making a decision. In this class we were shown that it is key during any tough situation to identify the problem and look at the characteristics of this problem and its criteria so that you can effectively analyse a problem and solve it. I used this strategy with my XXXXXXXXX C.A. and it helped immensely. I was able to understand better what my lecturer was asking of me and make the assignment much more approachable.”