

Reflective Report

Programming Specialism

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Last year I did Sound as my specialism but This year I chose programming because I was working on sound by myself, and I wanted to improve my knowledge and strength in something that I knew is one my weaknesses and that was programming. programming was one of my weaknesses and always slowing me down in my projects and I knew for the AGP next year, programming will help me to do it faster and better because last year was the first year that I learned about programming, and I didn't have any idea about it.

I have done 5 briefs for my programming specialism; I will talk about all of them separately, but I wanted to talk a little bit about all briefs together. Last year I started to work on the simple briefs first then I tried to do the advanced ones but, in the end, I was struggling with the advanced briefs, and it was close to the deadline, I wasn't happy with myself and with the result which I got at the end. This year I tried not to do the same as last year, I worked on the advanced brief first then started to do the simple ones because, when I saw the list of briefs, I knew I can do two of them easily, so I tried to work on the other two briefs which I knew those briefs will be a challenge for me.

For the first brief, I did the hit-the-moving target brief; in this brief, I needed to work on a 2d top-down player movement and an AI that will shoot the player. As a person that programming is not a thing that I say it's my strength, I chose programming because it was one of my weaknesses, so this brief as an advanced brief was a bit hard. I didn't spend all the week on it, but I think overall spend around 3 to 5 hours on this brief.

The second brief that I did, was the radar, radar is a beginner brief, but I had no idea about it and didn't know how to do it, so I started to work on it, had some research about it, and found out how to do it, it wasn't that difficult that I thought but it wasn't simple for me as well.

My goal for every brief was to finish them in less than two weeks because when I know in my mind that I have to work on other modules as well, I cannot concentrate on that work, so because specialism wasn't that difficult module to do and I knew if I put the effort into it, I can finish all 4 briefs in less than 2 or 3 weeks, I tried to finish it earlier than other modules so I have more time and

free mind to put for my other modules. I think one of my strengths in this specialism was that everything went on my plan, didn't do the whole module at the deadline week.

The speedometer was the third brief that I worked on it. I chose this brief to do because this was a challenge for me to do a car movement and a speedometer which will show the speed of the car. I spend more time on this brief than the others. I have something in my personality which when I start to work on something, I will finish them first then I will move on to do another thing but I think because I didn't know how to do it in the first place, It wasn't that fun to do so I was working on it for half an hour then I moved on to do other stuff and continue to work on it the next day for half an hour again and did this for few days. This held me back for a few days in this brief.

fourth brief was Fps counter, I had knowledge about this brief and I knew that what I need to do for this brief, so my goal was to do the extra credit for it as well. The extra credit was the graph to show the fps on the display. I had no idea about the graph part, so I had to do some research but didn't find anything useful so I tried to solve it myself; I worked on it for a few ways and tried different codes to create the graph and match it with the fps counter, but I couldn't find the exact code which I needed for it. Then I thought because I didn't manage to do the extra credit part and I had one hour in the class, I challenge myself to do an extra brief .

Then I brought up the briefs list to see which brief I know a little bit about it and at the same time, it is a challenge for me. I didn't work on intermediate briefs before, so I tried to do one of them. I chose to do the shuffle briefs because I made some soundtrack before so I thought, I can use them in this brief and it can be fun to do as well because I wanted to do some feature like shuffle in my AGP.

Overall, I achieved my target which was to improve my knowledge of programming, faced a few problems that I didn't know how to fix those errors before but when I had them in my projects in this module and searched about them, I learned how to solve them.

My time management and planning went great but a thing that I know now I need to work on it and that is my weakness is I don't ask people around me for feedback, because with feedback, I can improve my projects and make them better. I as a student have a limited understanding of programming and briefs

but if I try to ask others to have some opinion about my brief and give me some feedback about it, I can improve my projects.

This year because I didn't have that much confidence about programming and all the briefs and didn't try to do difficult briefs but If I wanted to do this year's specialism again, I would choose programming again and with this knowledge that I have now about programming, I would be more confident about briefs and will choose more challenging and difficult briefs to do.