



Programming in C# with SQL RinsRegistration

Reflection

Bachelor of Applied Computer Science
Application Development

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1 INTRODUCTION

During an internship you learn more than just applying your knowledge from the lessons. You learn to work in a team in a totally different atmosphere. An internship gives you the opportunity to get a taste of life after school. You get to know other structures, other ways of working.

This document contains a content-related and a personal reflection on my thirteen weeks internship at the Sint-Dimpna Hospital in Geel.

The content part will be about the results of the internship, what was expected and whether these goals were achieved and meet the standards of the company.

The personal part will be about how I experienced the internship, what I learned there and what were obstacles for me.

2 SUBSTANTIVE REFLECTION

Since I was able to fully complete my assignment and finish additional assignments, I think I can say that my internship went well.

Everything I was asked to provide in the application was actually accomplished.

The main assignment consisted of creating an application where one could enter which objects were rinsed.

Analyzing the requirements for the application was not really applicable since this was already done. The only real analysis part I had to do is the assignments the mentor gave to me. I had to figure out what data tables, code objects and a little design I needed. This assignment was a new application at the hospital so it had to be built it from scratch. Other assignments were mainly adding a functionality to an existing application or to make a small change to an existing application.

So the application is going to be used at least once a week because every week at least one rinse tour is done. At the moment everything that is needed to get started is in the application but this does not mean that it will not be modified. It happens more often that there is a request to adjust or add something to an application. Thus, extreme consideration has been given to the possibility of expansion.

Since no real analysis was possible for me, a counterbalance was made by the mentor. Throughout the internship he gave a few analysis exercises which allowed me to do some analysis. These exercises were based on real examples which was very pleasant.

There was a lot of focus on working piece by piece, starting with configuring the necessary tables like the rooms, and the objects. Then the input screens and finally the output screen which is very pleasant and thus results in a clear roadmap as mentioned in the plan of action.

3 PERSONAL REFLECTION

During the internship, I learned a lot in different areas, but also experienced many great moments. The internship was an opportunity for me to gain knowledge, but also an opportunity to put the knowledge I had to the test.

It was a very pleasant time with the colleagues in the office. It was something different from the school routine and gave me a good vision of what and how things run after school.

While doing the assignment I learned a lot of new things for me in C# and SQL, I was able to recall my knowledge of SQL to create more difficult queries along with the mentor's tips. My analysis skills were also put to the test through the small exercises.

I have definitely grown in writing more correct code, writing code more universally so that it can be reused more easily. This happens automatically, but the structure used in the hospital makes it even more noticeable.

Communicating with team members is also something that has grown. During the start of the internship there was a hesitation to ask for information or if something was not clear. By the end of the internship this went much smoother. I am now much quicker to go to someone who knows, instead of lying around searching for too long until I find it myself.

There are no regrets about my choice to do my internship in a hospital. As mentioned before, I learned and experienced more than just the topics in the classes. For example, I have seen a lot and gained knowledge of what happens in the IT department in terms of IT. By sitting together with the system administrators, I got to know all sorts of things that are not directly the focus of my studies.

The support of the mentor was very pleasant. If I had a problem, I could always turn to him. First he let me figure out myself what the solution could be, if I couldn't figure it out he helped me on my way or we drew up something together. When I had found a solution he came up with his ideas and then we looked at what the final solution would be. My idea, his idea, a combination or something totally new. There was room to give my ideas, which was very much appreciated.