Logbook

Throughout the internship, I kept a logbook where I summarized each workday. In addition to working on the test specification and code, we were also responsible for handling customer order shipments. Each work shift was 7.5h, and I worked a total of 39 days, which amounts to approximately 292h in total. I also had the opportunity to assist with the installation of the program at Uppsala University Hospital. They were using an outdated version, which needed to be replaced with the correct one to ensure proper functionality. The replacement was successful and the logopaedic department at the hospital are now using it without any issues.

Down below are a short summary of each day at Neovius Signalsystem och Data AB

12/6-23
Today's work shift began with a meeting with the manager. The purpose of the meeting was to go through the summer planning and work tasks.

I also got to see how the process of packaging and sending out a package works.

13/6-23
Independent work was carried out as the supervisor was away on a business trip. He will return on 16/6.

Our task was to take a closer look at the test specification and receive deliveries.

14/6-23
Continued work on the test specification was carried out, and a check-in with the manager was done.

A large delivery to a customer was started but could not be completed due to missing items. The missing items were expected to arrive within the next few days.

15/6-23
We got to test the program on the computer to see if everything worked as intended. Everything was documented.

16/6-23
The supervisor was back, and we did a review of the documentation and planned the tasks for the upcoming week.

19/6-23
The week began with waiting for a large delivery that was to be forwarded to a customer.

The test specification was expanded with several additional cases. Documentation was produced.

20/6-23
The delivery finally arrived and was packaged according to the packing list before being sent out.Looked at some of the program's code to get it working according to the test specification.

21/6-23

Today we checked whether the program download process worked as intended, ensuring that all keys were in place in the Registry Editor.

22/6–23
Continued work on the test specification.

The week ended with a review and planning session for the upcoming week together with the manager.

26/6–23
Worked from home due to a cold. Continued work on the test specification.

27/6–23
Worked from home due to a cold. Continued work on the test specification.

28/6–23
Back at the office after a short absence. I was informed that there might be a visit to the speech therapy clinic at Uppsala University Hospital to check that the program and equipment are functioning as they should. The meeting was tentatively scheduled for Friday this week.

29/6–23

Various installation guides and test documents were reviewed in preparation for the visit on Friday.

Also received a package that was to be forwarded to a customer.

30/6–23
The meeting was cancelled as no speech therapist was available to assist. Instead, we planned to make a new attempt at the beginning of next week.

3/7–23

The meeting took place, and I went to Uppsala University Hospital. Once there, I met with IT technicians and speech therapists who helped me access their voice recording studio.

I checked whether the correct keys were present in the registry, whether the login process worked correctly, if the latest version of the program was installed, and finally ran a test case together with a speech therapist to verify that the program functioned as intended.

4/7–23
Back at the office and continued work on the test specification.

5/7–23

Chose to work from home today on the test specification. Later, I was assigned the task of picking up the company's orders.

6/7–23
Today at the office, I reviewed all account transactions made by the company during May and June before they were to be recorded by the accountant.

7/7–23

Chose to work from home on the test specification, and this was also the last day before a 3-week vacation.

31/7–23

Back at the office after a 3-week vacation. The day began with a short team meeting to plan the upcoming weeks before the start of the school term.

Continued work on the test specification.

1/8–23
Continued work on the test specification.

2/8–23
Continued work on the test specification.

3/8–23
Continued work on the test specification.

4/8–23

Completed work on the test specification and next, began the programming of the voice recording program.

7/8–23

A meeting was held together with external developers to decide on digital tools such as the programming language, development environment, and computers.

8/8–23
The voice recording program was previously written in C and C++, but the updated version will be developed in C# using Visual Studio 2022 on a Windows computer running both Windows 11 and 10, in order to test the program on both versions.

9/8–23

The programming work began methodically by checking the correct versions of the digital tools.

It turned out that the dynamic libraries were not compatible with C#.

10/8–23

The previous version of the voice recording software was divided into several separate windows, but the goal for the updated version is to have everything in a single window to simplify the workflow for speech therapists.

Features such as MDI (Multiple Document Interface) for C# were implemented.

11/8–23
Continued work with MDI to understand its functionality.

14/8–23

MDI was successfully implemented, but some debugging was needed to resolve issues that arose.

15/8–23
Continued work on debugging.

16/8–23

The MDI bugs are currently resolved, and the focus has shifted to starting the development of the user interface, inspired by the previous version of the program.

17/8–23
Continued work on the user interface in C#.

18/8–23
Continued work on the user interface in C#.

21/8–23
Continued work on the user interface in C#.

22/8–23
Continued work on the user interface in C#.

23/8–23
Continued work on the user interface in C#.

24/8–23
Continued work on the user interface in C#.

25/8–23
Continued work on the user interface in C#. This was also the last day at the office before the start of the school term. Fortunately, my contract was extended by another six months, and additional work awaits during the semester when studies allow.