

Design Project: Reflection report

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May 17, 2016

1 Personal Development Plan

- **Sysadmin skills:** My Sysadmin skills are currently very basic. I'm able to set up a basic html web page but I have never before set up a web application. During the project I want to learn how a web application server is set up and managed. My goal is to make sure all server related tasks are executed as good as possible so the project isn't delayed by this.
- **Time management:** I'm bad at managing my time. I usually postpone my work until the deadline is near. During this project I want to manage my time better by setting mini deadlines for myself and creating a work schedule.

2 Reflection Report

2.1 Technical Lessons

During my time as a system administrator in this project I learned a lot about managing a project server. I achieved my goal of learning how a web application server is set up and run. By being the system administrator my general knowledge on servers, networking and Linux was increased. I also learned the importance of automatisisation in a development environment. When I first set up the server, tasks like deploying the web application had to be done manually, which was very time consuming. By scripting things like this, a lot of time was saved and the development process went a lot smoother. Since I was the sysadmin, I naturally took the role of a backend developer. This gave me the opportunity to learn about Java Spring and JDBC.

2.2 Personal Lessons

When first setting up the server I just installed everything and was very sloppy with keeping documentation about the installed software. This made tasks like upgrading software and editing configuration a lot harder and more time consuming. Eventually I managed to get everything organized and documented which has taught me the importance of documenting your work. I succeeded

to be better at managing my time. I did this by setting a deadline for myself before the actual deadline.

2.3 Project management lessons

This project made me realise the importance of Communication in big group projects. In the first sprint we had a lot of problems in developing the backend due to misunderstandings. We managed to avoid this in the later sprints by setting up regular meetings with the backend team.