# S6 Portfolio Reading Guide

Jordy Walraven

**Version history:**

| Version | Author(s) | Description | Date |
|---|---|---|---|
| 1 | Jordy Walraven | Setup Initial reading gude | 24-3-2024 |

**Distribution history:**

| Version | Distributed to | Comments | Date |
|---|---|---|---|
| 1 | Fontys Teachers | First portfolio delivery | 24-3-204 |

# Table of contents

# Introduction

Hello, I'm Jordy Walraven, currently in my sixth semester at Fontys, where I'm studying Software Engineering—a field that truly ignites my passion. Alongside College, I've had the privilege of gaining practical experience at two companies.

The first company I worked at was SignalRGB, where I worked as a coder, crafting intricate light scripts for their software. These scripts brought life to HTML canvases, illuminating RGB devices with dynamic visuals. You can find one of my many effects here.  After 1.5 years of work, I transitioned to an internship at CodeOwners, which seamlessly evolved into a part-time software engineering position. Here, I contribute to a cutting-edge SAAS application leveraging technologies like GraphQL, Angular, NestJS, and NX Monorepo.

As I progress into this semester, my focus is on mastering the creation of a scalable applications from scratch—a skillset that will significantly complement my professional journey. While my current role at CodeOwners involves contributing to a scalable application, I aim to delve deeper into the architecture and deployment aspects, empowering myself to architect and deploy such solutions independently.

Furthermore, I am looking forward to learn about asynchronous communication between services and other scalable technologies.

# Projects

This semester I will be working on 2 projects, one of which is an individual project where I'll improve my personal skills, and a group project where I'll improve communication skills and improve my knowledge about enterprise software

For my individual project I will be making a web application, this is an application where pc-gamers can assess and compare their pc's. In this application a pc-gamer can recreate their pc with different part picker and manage their pc, they will also be able to share their PC with other. A PC-gamer can also submit their performance stats for a specific game. This means that other users can get insight into how a game performs based on the performance of other users.

For my group project we will be making a data extraction application that can extract structured data from unstructured files. Our stakeholder is a company named Nelissen, this company is an engineering firm that specializes in created durable buildings.

# Overview self-assessment

## Iteration 1

| Outcome | Rating |
|---|---|
| Professional standards | Orienting |
| Personal leadership | Orienting |
| Scalability | Undefined |
| DevOps | Orienting |
| Cloud Native | Undefined |
| Security by Design | Undefined |
| Distributed Data | Undefined |

# Learning outcomes

## Professional standards

### Iteration1

For professional standards I have done multiple things this first iteration. I worked on research for both my individual and group project. For my individual project I made a **Research plan.** In this research plan I specified what I will be researching and what dot framework methods I'll be using. This fits the learning outcome as I setup a clear plan where I define applied research using relevant selected methodologies.

For the group project I have worked a **Research document** with the rest of the group. This research document consists of a research plan, and sub questions. I worked on the **extraction subquestions,** In this research document I carry out relevant research with relevant Dot methodologies, so that I can provide advice to the stakeholder

To work professionally and structured I have created a **Project management** environment, you can find the way it's setup in the evidences.

I know exactly what is expected for my project, because of my **project analysis document**. This document contains a description of the project and all the requirements and non-functional requirements, which allow me to work professionally on the project.

We also work very professionally and via the standards in our group project, you can see this in the **project plan** we setup, and the **collaboration agreement** we created.

**Self-Assessment**

I think I am currently **orienting/beginning** at this learning outcome. As I have multiple pieces of evidence for both the group project and the individual project

# Personal leadership
## Iteration1

With the first setup of my environment, project analysis and research plan, I show that I am correctly leading my project.

The **project analysis document** includes a description of the project, user stories and non-functional requirements. These are all necessary to get a good understanding of the project. This demonstrates leadership in starting a project.

The **project management** document shows my personal leadership in creating a structured environment that will aid me in my project. I created things like story points and acceptance criteria, so that I always know that I am on schedule for my project, so I can lead the project to something that satisfies the learning outcomes.

The **research plan** will keep my project on track by defining a good main questions with sub questions, so that I always know what I will be researching and for what goal. This means that if I complete my research I will have satisfied most of my learning outcomes.

You can also see my personal leadership in the research I did for the group project, I worked on the "What is the best way to extract structured data from the unstructured documents?" subquestion.

**Self-Assessment**

I think I am currently **orienting/beginning** at this learning outcome. As I have multiple pieces of evidence for both the group project and the individual project

## Scalability
Some things will be added here next sprint

## DevOps
For Devops I made a start by creating a github environment. This environment will help me deliver continuous software, and automate deployment etc. It's also used to keep track of the process

**Self-Assessment**

I think I am currently orienting at this learning outcome, as I have done some basic setup for this learning outcome.

## Cloud native
Some things will be added here next sprint

## Security by Design
Some things will be added here next sprint

## Distributed data
Some things will be added here next sprint