Process report group 13

Table of Contents

[Global work division 2](#_Toc1219444995)

[Week 1 2](#_Toc844141316)

[Minutes: 3](#_Toc96941525)

[Week 2 3](#_Toc1388038177)

[Agenda meeting one: 4](#_Toc1839550425)

[Meeting one: 4](#_Toc1252454894)

[Minutes: 4](#_Toc1774535145)

[Who did what?: 5](#_Toc595967120)

[Week 3 5](#_Toc350532607)

[Agenda meeting two: 6](#_Toc1091331447)

[Meeting two: 6](#_Toc1135216946)

[Minutes: 6](#_Toc255835316)

[Who did what?: 6](#_Toc1006613739)

[Week 4 6](#_Toc1375451533)

[Agenda meeting two: 7](#_Toc1439930945)

[Meeting two: 7](#_Toc2060505079)

[Minutes: 7](#_Toc944945462)

[Who did what?: 7](#_Toc417717841)

[Individual reflections 7](#_Toc240003203)

[Test document 9](#_Toc1764254693)

[Zabbix 10](#_Toc1324984657)

[RADIUS 10](#_Toc499192911)

[Design for failure 10](#_Toc594820401)

[Website 10](#_Toc1010377874)

[BASH script 10](#_Toc1357283327)

# Global work division

The way we will divide the work in this project is weekly based. We will make a planning for the whole project and what to do per week, and we will divide the work for each week when we find ourselves in that week.

# Week 1

What we have done:

* Have an online lesson about our project kick-off and what to do.

## Minutes:

|  |  |  |
| --- | --- | --- |
| Date | Type of meeting | Accomplished work |
| 01-09-2022 | Initial info lesson | Learning about our project kick-off |

# Week 2

## Agenda meeting one:

* Asking question about the project, and talking about an idea.
* The questions:

(Ideas

* 1. Streaming website (Plex) with user logon
  2. Flask app/webapp with TKinter GUI for getting and storing user credentials in a website.
  3. AWS / AZURE
  4. AWS Backup
  5. NagiosXI autodiscorverer
  6. Suricata + snort rules "IDS / IPS"
  7. AWS automatic backup plans
  8. OpenVPN for vpn connection from cloud to on premisis server
  9. Plex / website run on kubernetes
* Questions

1. Does the app need to be a conventional app, or could it be an webapp?
2. What kind of app does it need to be? Are there any programs it needs to use / be linked too?
3. Does the app need to create a database and web server when you launch the app, or does the app need to run on one database and one web server?
4. What is the deal with the multidiciplinary project?
5. How do we access the on premesis server?
6. Do the requirements have to be self coded in the multidiciplinary project, or can we use existing programs?
7. Automate public and private instances in separate subnets design with automated scripts (Powershell, Terraform) or CloudFormation?
8. Is OpenVPN a good idea for the vpn connection between our cloud and the on premisis server?
9. “App generates user credentials to connect to DB and/or WEB server” Should we use SQL Server to create login credendials manually?
10. Can we replace Docker with Kubernetes?
11. “Use of secrets management for database instances.”???
12. What does Use of secrets management for database instances mean?
13. Public front-end and private back-end instances in separate subnets.(public webapp and nagios,database separately?))

## Meeting one:

This meeting took place on 09/09/2022. This meeting took place online. Jorn was the note taker, Soufiane the leader and Mihai was another note taker / observer. In this meeting, Andrius gave more information about the project and answered our questions.

things we noted were:

* Tool that can create an infrastructure for projects of clients, so if a client wants a webserver, we have a tool which creates this infrastructure, a place where the clients can host their things.
* Multidisciplinary project later.
* Secrets management is about storing info aka secrets in a secure way.
* For next meeting, come up with good idea, written down, what problem its solving, justification, make process report.

## Minutes:

|  |  |  |
| --- | --- | --- |
| Date | Type of meeting | Accomplished work |
| 08-09-2022 | Starting project | Analysing project instructions and coming up with questions and ideas. |
| 09-09-2022 | Tutor meeting one | Asking questions to Andrius and sharing our ideas. |

## Who did what?:

Jorn: Coming up with ideas and questions.

Soufiane: Coming up with ideas and questions.

Mihai: Coming up with ideas and questions.

# Week 3

## Agenda meeting two:

* Showcasing first draft of project plan
* Showing process report

## Meeting two:

This meeting took place on 15/09/2022. This meeting took place in school.

Things we noted were:

* Make git repo met andrius
* Make infrastructure as a code, add automation
* Proof of concept two places to store files, aws and local.
* Multiple file uploads more endpoints / instances for expansion
* Webservice is tool to create infrastructure - check topics were are gonna be teached
* We need to make complete design document - automation tool convert file, store on fontys or aws.
* Private subnet to store data Public website(read about vpc)
* Terraform Start with hosting service, data on premise Fontys
* Try to use both AWS storage and on premise at Fontys(can be done with bash script) as a question for the user
* Convert file format option possibly
* Possiblities:
* expand infrastructure with docker, API tools for file sharing, Lambda functions
* Working idea maybe +design document

## Minutes:

|  |  |  |
| --- | --- | --- |
| Date | Type of meeting | Accomplished work |
| 15-09-2022 | Working on project | Working on project plan / process report 2.5 hours |
| 15-09-2022 | Tutor meeting 2 | Talking about project plan and polishing it 30min. |

## Who did what?:

Jorn: Made the process report, worked on project plan

Soufiane: Worked on project plan

Mihai: Worked on project plan

# Week 4

## Agenda meeting three:

* Showcasing first draft of design document
* Talking about improved idea

## Meeting two:

This meeting took place on 22/09/2022. This meeting took place in school.

Things we noted were:

-Project backgroud

why it started, who we are, what we are developing, what is needed

-Problem def

what is our currect situation in the world, why we started this idea

-Project goal more detail, argument it why it need to be done, why it is handy

-expected results probably overlapping, more precise of what we will deliver in the end

-Discribe agile aproach of this project in the way of working

-EVERYTHING MORE DETAIL!!!!!!!!!!!!!!!!!!

-Scope, what is in / out of scope in this project

-more details about tutor

-risk assesment, how to mittigate, counter actions agains the risks (price issues likely)

-remove pdp from deliverables, thats from the course, not project. What are we going to deliver with the project

-no hardware will be delivered by us, maybe put it in the scope

-develop own host / convert platform

-first do everything manual, then proceed to make it automatic

-too small of a planning

## Minutes:

|  |  |  |
| --- | --- | --- |
| Date | Type of meeting | Accomplished work |
| 21-09-2022 | Working on project | Working on plan and design document 2.5 hours |
| 15-09-2022 | Tutor meeting 3 | Talking about the project and our idea 40 min |

## Who did what?:

Jorn: Worked on design document, updates process report, made first start website

Soufiane: Worked on design document, worked on project plan

Mihai: Worked on design document

# Week 5

## Agenda meeting one:

* Showcasing our improved design document (also uploaded to git)
* Showcasing our design document (also uploaded to git)

## Meeting four:

This meeting took place on 30/09/2022. This meeting took place online. We were all leaders / note takers.

things we noted were:

## Minutes:

|  |  |  |
| --- | --- | --- |
| Date | Type of meeting | Accomplished work |
| 28-09-2022 | Working on project | Reworking project plan and completing design doc / first built webapp. 4 hours |
| 29-09-2022 | Working on project | Getting to know terraform and ansible, looking for ways to automatically transfer files. 3 hours |
| 30-09-2022 | Tutor meeting four | Showing design doc, reworked project plan, first webapp draft and asking about the on premises server. 30min |

## Who did what?:

Jorn: Making webapp, working on design document

Soufiane: Working on project plan and design document

Mihai: Working on project plan and design document

# Individual reflections

Jorn:

* Strong/Weak traits that affected the project
* Learning moments from the project
* Evaluation of spent effort
* Improvements for next project (what could you do better next time?)

Soufiane:

* Strong/Weak traits that affected the project
* Learning moments from the project
* Evaluation of spent effort
* Improvements for next project (what could you do better next time?)

Mihai:

* Strong/Weak traits that affected the project
* Learning moments from the project
* Evaluation of spent effort
* Improvements for next project (what could you do better next time?)