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| BTWBeheer  Research reports – Individual project |
| |  |  |  | | --- | --- | --- | | Nies,Midas M.F.A. | Demand based - Semester 3 | Software engineering HBO ICT Fontys | |

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# About this document

In this document I will keep track of my two required research topics for this semesters project, about a bookkeeping program. I will discuss my two research topics which both will have multiple sub questions. The main research topic must therefore be a broad but project specific topic.

# Research topic 1: Security

This research topic must and will be about security, as required by the teachers. My project is a bookkeeping program, which will probably contain important and secret documents from companies around the country. So, keeping this information private and secure should be an important part of the project. I will therefore look into secure password hashing, 2 factor authentication, and secure web tokens to use the API.

## How can I make my application as secure as possible?

### What security measures exist for my development stack?

### What security measures will have a positive impact on my project?

### What security measures will I use, and how?

# Research topic 2: Bookkeeping

This research topic will be about my project itself, bookkeeping, as advised by the teachers. My project is a bookkeeping program, so in this for this part I will do research about bookkeeping. I will focus on the requirements and regulations from the Netherlands, about VAT and accountancy.

## How can I make bookkeeping as easy as possible for Dutch small companies?

### How does VAT work?

### What are Dutch companies required to keep track of, or file?

### What things do accountants need in a bookkeeping program?