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| BTWBeheer  Test plan – Individual project |
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Contents

[About this document 1](#_Toc146190807)

[Research topic 1: Security 2](#_Toc146190808)

[How can I make my application as secure as possible? 2](#_Toc146190809)

[What security measures exist for my development stack? 2](#_Toc146190810)

[What security measures will have a positive impact on my project? 2](#_Toc146190811)

[What security measures will I use, and how? 2](#_Toc146190812)

[Research topic 2: Bookkeeping 3](#_Toc146190813)

[How can I make bookkeeping as easy as possible for Dutch small companies? 3](#_Toc146190814)

[How does VAT work? 3](#_Toc146190815)

[What are Dutch companies required to keep track of, or file? 3](#_Toc146190816)

[What things do accountants need in a bookkeeping program? 3](#_Toc146190817)

# About this document

In this document I will keep track of my test process and it will contain my testing approach.

# Test Strategy:

My testing approach encompasses two key areas: unit testing and API testing, both of which will be automated using GitHub as an integral part of my development workflow.

## Unit Testing:

Unit testing will be focused on verifying the correctness of individual code units, such as functions, methods, and classes. We will employ [insert unit testing framework/tool] to systematically evaluate each unit's behavior in isolation. These tests will run automatically whenever code changes are pushed to the GitHub repository, ensuring prompt detection and resolution of defects within the codebase.

## API Testing:

My API testing strategy will involve validating the functionality and behavior of the application's exposed APIs. We will employ tools like Postman to assess various endpoints, request/response formats, and data validations. These API tests will be scheduled to execute as part of my continuous integration (CI) pipeline in GitHub Actions, enabling us to identify and address API-related issues early in the development process.

This dual-pronged testing strategy will contribute to code quality and reliability by uncovering defects swiftly, facilitating prompt remediation, and ensuring that my APIs meet the desired specifications. Additionally, test reporting will be integrated into GitHub Actions to provide immediate feedback on test results, aiding my commitment to delivering a robust and error-free application.