

## Test Plan: H4TestSikkerhed

### I. Introduction

- A. The purpose of this test plan, is to have a written documentation on all the test cases in my application
- B. This test plan covers functional and non-functional testing, with an emphasis on cross-platform compatibility and security as well
- C.
  - 1. User Authentication and Authorization
  - 2. Data Encryption and Security
  - 3. Cross-platform Compatibility
  - 4. Form Validation and Error Handling Mechanisms
  - 5. User Session Management

### II. Test Environment

- A. WSL To test Linux Compatibility
- B. A Windows machine to test Windows compatibility

### III. Test Cases

- A. AuthenticationView
  - 1. Login to the domain (As a non-admin)
  - 2. Visit the home page
  - 3. Read the text 'You are NOT admin'
- B. UnauthenticationView
  - 1. Visit the domain in a session which is not authenticated
  - 2. Read the text 'You must log in to see the content.'
- C. SQL Injection
  - 1. Visit domain
  - 2. Register
  - 3. Enter a string followed by '; DROP TABLE User'
  - 4. This action will be blocked by our prepared statement

### IV. Conclusion

- A. While these are some good tests, they don't quite cover a significant portion of the application quite yet, much yet to implement, but a nice foundationV.

This test plan is a starting point and may need to be adapted based on the specific features and requirements of your web application. It's essential to continually update the test plan as new features are added or existing features are modified in future sprints.