**Purpose**

This document describes the plan for testing the architectural prototype of the DH World Web Application. Testing is being conducted in order to check whether the actual software product matches the expected requirements and to ensure that the application is bug-free. The purpose of software testing is to identify errors, gaps or missing requirements.

**Test Strategy**

To ensure that my web application is functioning properly, I have carried out tests for both the Backend and the Frontend.

For the backend I implemented unit tests for the models and Integration tests for the controllers. The models are tested in order to ensure that all of the properties function properly. The controllers are tested to make sure that all of the action methods work as they’re supposed to.

For the frontend I made end-to-end tests. They serve the purpose of testing whether all of the buttons on the web application work properly, whether the actions they’re supposed to perform are rightfully performed, whether all of the links, buttons and inputs work. I have used the 3rd party software Cypress to do the testing. There is a file called ‘login.spec.js’. It is located under root/cypress/integration/example and is the test file for Cypress.