**Software Engineering Semester 3**

**Test plan**

**Online Yearbook**

April 2021

Spartex

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# Introduction

This document formally describes the test plan for all functionality currently implemented for my online yearbook project Sioux This is a systematic approach to testing the system. The plan typically contains a detailed understanding of what the eventual workflow will be and contains detailed testing information regarding the testing phase.

# Test Cases

The test cases will give an example/procedure of how the Online yearbook will be tested using the test data.

## Abbreviations

* TC: Test case

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| --- | --- | --- | --- | --- |
| **ID** | **Name** | **Pre-condition** | **Test data** | **Expected result** |
| **TC-01** | Logging into the website with proper credential and without single sign on | The user does not already have a session  The user has the provided database intializer file uploaded to their desired database host (e.g localhost phpmyadmin)    Database name: onlineyearbookdb | Email: mikeltuyi@gmail.  com  Password: Mikoko@02 | The user is logged into the website and can now see navbar which leads to other pages in the web application hat he/she has access to |

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| **ID** | **Name** | **Pre-condition** | **Test data** | **Expected result** |
| **TC-02** | Logging into the website with wrong credential and without single sign on | The user does not already have a session  The user has the provided database intializer file uploaded to their desired database host (e.g localhost phpmyadmin)    Database name: onlineyearbookdb | Email:  [John123@gmail.com](mailto:John123@gmail.com)  Password:  test | The user will be given an error message telling the user “Wrong credentials have been inputted” and the user will remain in the log in page |

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| --- | --- | --- | --- | --- |
| **ID** | **Name** | **Pre-condition** | **Test data** | **Expected result** |
| **TC-03** | Logging into the website with single sign on (with 3rd party authentication) | The user does not already have a session    The user has clicked the log in with 3rd party authentication button  The user is a guest. | **None** | The user will be redirected to auth0 page where he can choose to log in either with google or auth0    after the user will be logged in, a session will be started, and the user can now see the navbar leading to other pages |
| **TC-04** | Adding a new graduating year | The user is logged in and has navigated to the Graduating year management page    and the user has filled in all fields | Graduatingyear:2021 | The graduating year has been added |

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| --- | --- | --- | --- | --- |
| **ID** | **Name** | **Pre-condition** | **Test data** | **Expected result** |
| **TC-05** | Adding a graduating year that already exists | The user is logged in and has navigated to the Graduating year management page, the user previously added graduating year 2021and the user has filled in all fields | Graduatingyear:2021 | An error message comes up telling the admin this user already exists |
| **TC-06** | Viewing all signed up user info | The admin is logged in and has navigated to the viewing all user’s page | None | The system should show a quick loading text to signify the data is being retrieved    when the data is retrieved all signed up users, info are displayed in a table |