

Software Testing Documentation

for

Software Development

**Version
3.0**

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Student Portal	Version	Version 1.0
Software Testing Documentation	Date	29-10-2023
Group 1		

1. Introduction

In this project, a system has to be designed to let students view their information, transcript, fill and upload their forms online, register and drop subjects

1.1 Purpose

The objective of this Software Testing documentation is to describes the Process of our group for developing the student portal

1.2 Scope

This Software Testing documentation describes the overall plan to be used by our group for developing the student portal.

1.3 References

<http://175.138.71.226/student/>

Sabah Online Train Ticket Booking System	Version	Version 1.0
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1.4 Overview

In this Project, we are testing about the login for the admin, and it is to test if the entered username and password are correct and if its wrong, then it will show a messagebox. After that, we will test if the search button can find the data we input in the Admin_ID, Admin_Name and Username. And then we test if the Add button can work correctly and saved the students into the database. Lastly, we will test if the delete button can removed the data selected from the database permanently.

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2. Test Cases, Data and Expected Results

2.1 A001- Login

Test Case ID Date Tested	Tester Input data	Expected result	Actual result	Pass/Fail
U001_01 29-10-2023	Dayzel name	Please use letter as username	Please use letter as username	Pass
	name	Can login to database	Can login to database	Pass
	name	Wrong username	Wrong username	Pass
U001_02 29-10-2023	Dayzel password	Please enter using number or letter	Please enter using number or letter	Pass
	Sad123	Can login to database page	Can login to database page	Pass
	Sad321	Wrong password	Wrong password	Pass

2.2 A005 - Search

Test Case ID	Date Tested	Tester Input data Expected result	Actual result	Pass/Fail
A005_01	29-10-2023	Dayzel Admin_ID Display The User information 1222	Display The User information	Pass

A005_02	29-10-2023	Dayzel Admin_Name Display The User information test	Display The User information	Pass
A005_03	29-10-2023	Dayzel Username Display The User information test	Display The User information	Pass
A005_04	29-10-2023	Dayzel Password Display The User information 1223	Display The User information	Pass
A005_05	29-10-2023	Dayzel Access Level Display The User information Manager	Display The User information	Pass

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2.3 A006 and A009– Add

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Test Case ID	Date Tested	Tester Input data Expected result	Actual result	Pass/Fail
A005_01	29-10-2023	Dayzel Admin_ID Add the subjects to the Database 1222	Add the subjects to the Database	Pass
A005_02	29-10-2023	Dayzel Admin_Name Add the subjects to the Database test	Add the subjects to the Database	Pass
A005_03	29-10-2023	Dayzel Username Add the subjects to the Database test	Add the subjects to the Database	Pass
A005_04	29-10-2023	Dayzel Password Add the subjects to the Database 1223	Add the subjects to the Database	Pass
A005_05	29-10-2023	Dayzel Access Level Add the subjects to the Database Manager	Add the subjects to the Database	Pass

Test Case ID	Date Tested	Tester Input data Expected result	Actual result	Pass/Fail
A005_01	29-10-2023	Dayzel Admin_ID Drop subjects in the Database 1222	Drop subjects in the Database	Pass
A005_02	29-10-2023	Dayzel Admin_Name Drop subjects in the Database test	Drop subjects in the Database	Pass

A005_03	29-10-2023	Dayzel Username Drop subjects in the test	Drop subjects in the Database	Pass
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A005_04	29-10-2023	Dayzel Password Drop subjects in the Database 1223	Drop subjects in the Database	Pass
A005_05	29-10-2023	Dayzel Access Level Drop subjects in the Database Manager	Drop subjects in the Database	Pass

3. Test Approach Analysis

3.1 A001 - Login

- ✓ Verify if an admin will be able to login with a valid username and valid password.
- ✓ Verify if a admin cannot login with a valid username and an invalid password.
- ✓ Verify the login page for both when the field is blank and LOGIN button is clicked.
- ✓ Verify the messages for invalid login.
- ✓ Verify if the data in password field is either visible as asterisk or bullet signs.
- ✓ Verify if the ‘Enter’ key of the keyboard is working correctly on the login page.

3.2 A005 – Search

- ✓ Verify if an admin is able to search User from Admin_ID.
- ✓ Verify if an admin is able to search User from Admin_Name.
- ✓ Verify if an admin is able to search User from Username.
- ✓ Verify if the User that searched is exist and will display that user information.
- ✓ Verify if the if the non-existed user is search will display message box.

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3.3 U005 And U009– Add

- ✓ Verify if an admin is able to Add User Admin_ID.
- ✓ Verify if an admin is able to Add User Admin_Name.
- ✓ Verify if an admin is able to Add User Username.
- ✓ Verify if an admin is able to Add User Password.
- ✓ Verify if an admin is able to Add User Access Level.
- ✓ Verify if the Add button is working correctly in database page.
- ✓ Verify if the new add user information will retrieve to the database

3.4 U005 – Delete

- ✓ Verify if an admin is able to choose which user to delete.
- ✓ Verify if an admin can delete user.
- ✓ Verify if the delete button is working correctly at the database page.

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Appendix A: Test Report Approval

The undersigned acknowledge they have reviewed the <Project Name> Software Testing Documentation and agree with the approach it presents. Changes to this Software Testing Documentation will be coordinated with and approved by the undersigned or their designated representatives.