

Testing the authentication

The table below is used to test the functionality of the authentication program set for stage 3.

Test no.	Test	Input	Expected Output	Actual Output	Test Successful (Yes/No)
1	Open application	Run the application	A dialog box appears informing the user about the usernames that can be used to login to the system, and the Login system.	A dialog box appears informing the user about the usernames that can be used to login to the system, and the Login system.	Yes
2	Close application	User presses the cancel button	Application terminates	Application terminates	Yes
3	Login as Employee	Login with username:"emp1", password: "password", Login As: Employee then press the Login button.	Dialog Box appears saying "Login Successful – End of Authentication"	Dialog Box appears saying "Login Successful – End of Authentication"	Yes
4	Login as Employee but with incorrect password	Login with username:"emp1", password: "notThePassword", Login As: Employee then press the Login button.	Dialog Box appears saying "Login Failed, please try again."	Dialog Box appears saying "Login Failed, please try again."	Yes
5	Login as Employee but with incorrect username	Login with username:"notAUser", password: "password", Login As: Employee then press the Login button.	Dialog Box appears saying "Login Failed, please try again."	Dialog Box appears saying "Login Failed, please try again."	Yes
6	Login as Employee but using the rights of the Director	Login with username:"emp1", password: "password", Login As: Director then press the Login button.	Dialog Box appears saying "Login Failed, please try again."	Dialog Box appears saying "Login Failed, please try again."	Yes
7	Login as Director but with employee rights	Login with username:"dir1", password: "password", Login As: Employee then press the Login button.	Dialog Box appears saying "Login Successful – End of Authentication"	Dialog Box appears saying "Login Successful – End of Authentication"	Yes

Testing the Authentication and Personal Details Records GUI

The table below is used to test the functionality of the personal details gui program set for stage 4. Minor changes made from the Authentication test to conform with the new Personal Details Records GUI.

Test no.	Test	Input	Expected Output	Actual Output	Test Successful (Yes/No)
1	Open application	Run the application	A dialog box appears informing the user about the usernames that can be used to login to the system, and the Login system.	A dialog box appears informing the user about the usernames that can be used to login to the system, and the Login system.	Yes
2	Close application	User presses the cancel button	Application terminates	Application terminates	Yes
3	Login as Employee	Login with username:"emp1", password: "password", Login As: Employee then press the Login button.	Dialog Box appears saying "Welcome emp1 to Yuconz Management System". After clicking 'OK' button, the welcome dialog box terminates and a Yuconz – Personal Details Records window starts.	Dialog Box appears saying "Welcome emp1 to Yuconz Management System". After clicking 'OK' button, the welcome dialog box terminates and a Yuconz – Personal Details Records window starts.	Yes
4	Login as Employee but with incorrect password	Login with username:"emp1", password: "notThePassword", Login As: Employee then press the Login button.	Dialog Box appears saying "Invalid username or password."	Dialog Box appears saying "Invalid username or password."	Yes
5	Login as Employee but with incorrect username	Login with username:"notAUser", password: "password", Login As: Employee then press the Login button.	Dialog Box appears saying "Invalid username or password."	Dialog Box appears saying "Invalid username or password."	Yes

6	Login as Employee but using the rights of the Director	Login with username:"emp1", password:"password", Login As: Director then press the Login button.	Dialog Box appears saying "Invalid username or password."	Dialog Box appears saying "Invalid username or password."	Yes
7	Login as Director but with employee rights	Login with username:"dir1", password:"password", Login As: Employee then press the Login button.	Dialog Box appears saying "Welcome dir1 to Yuconz Management System". After clicking 'OK' button, the welcome dialog box terminates and a Yuconz – Personal Details Records window starts.	Dialog Box appears saying "Welcome dir1 to Yuconz Management System". After clicking 'OK' button, the welcome dialog box terminates and a Yuconz – Personal Details Records window starts.	Yes
8	Logged in as HREmployee and Create Record	On the Yuconz – Personal Details Records, click the 'Create Record' button. Fill up the form with the details: staffNo:"91546" Surname: "Smith" Name: "John" Date of Birth: "22-March-2017" Address: "52 Test Road" Town: "Test Town" Postcode: "AB1 2BC" Telephone Number:"9876543210" Mobile Number: "09876543210" Emergency Contact Name: "Emergency Test" Emergency Contact Number: "08976543210"	Dialog Box Appears saying "John Smith successfully saved."	Dialog Box Appears saying "John Smith successfully saved."	Yes
9	Logged in as HREmployee Amend Record	On the Yuconz- Personal Details Record, look for name 'John Smith' on the list	Dialog Box Appears saying "John Smith	Dialog Box Appears saying "John Smith	Yes

		with the Staff ID:91546 and then click the 'Amend' button next to his details. Change the address from "52 Test Road" to "52 New Test Road"	successfully saved."	successfully saved."	
10	Logged in as Director in Yuconz – Personal Details Record	Login with username:"emp1", password: "password", Login As: Employee then press the Login button.	On the Yuconz – Personal Details Records, all the read, amend and create buttons are disabled.	On the Yuconz – Personal Details Records, all the read, amend and create buttons are disabled.	Yes
11	Logged in as Director in Yuconz – Personal Details Record	Login with username:"hre1", password: "password", Login As: HREmployee then press the Login button.	On the Yuconz – Personal Details Records, all the read, amend and create buttons are enabled.	On the Yuconz – Personal Details Records, all the read, amend and create buttons are enabled.	Yes
12	Logged in as Reviewer with a personal details record in Yuconz – Personal Details Record	Login with username:"rev1", password: "password", Login As: Reviewer then press the Login button.	On the Yuconz – Personal Details Records, the read and amend buttons relating to Matthew with staff ID 123456 is enabled. The rest of the create, read and amend buttons are disabled.	On the Yuconz – Personal Details Records, the read and amend buttons relating to Matthew with staff ID 123456 is enabled. The rest of the create, read and amend buttons are disabled.	Yes
13	Logged in as Director in Yuconz – Personal Details Record	Login with username:"dir1", password: "password", Login As: Director then press the Login button.	On the Yuconz – Personal Details Records, all the read, amend buttons are enabled. Create button is disabled.	On the Yuconz – Personal Details Records, all the read, amend buttons are enabled. Create button is disabled.	Yes