D8: ACCEPTANCE TEST REPORT

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Project	PSD3 Group Exercise 2
Team	L
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1 Introduction

1.1 Identification

Acceptance Test Report of Team K's implementation.

1.2 Related Documentation

- Acceptance Test Plan

- Requirements Specification

2 Test Cases

2.1 Utility Use Case Tests

2.1.1 Login Tests

Test Case	U-L001
Tested By	Michael Kilian
Date Tested	26/02/2013
Test Result	PASS
Further Comments	User logged in and established as current user correctly.
Test Setup	See acceptance test plan.
Test Case	U-L002
Tested By	Michael Kilian
Date Tested	26/02/2013
Test Result	PASS
Further Comments	User denied login with wrong password as expected.
Test Setup	Password "p" used as wrong password. See acceptance test plan.
Test Case	U-L003
Tested By	Michael Kilian
Date Tested	26/02/2013
Test Result	PASS
Further Comments	User denied login with wrong username as expected.
Test Setup	Username "1101" used as wrong username. See acceptance test plan.
Test Case	U-L004
Tested By	Michael Kilian
Date Tested	26/02/2013
Test Result	UNDECIDABLE
Further Comments	Database not implemented, as was implicitly agreed in changes to requirements between writing of acceptance test plan and testing. Should be re-tested in future iteration when MyCampus authentication has been used.
Test Setup	See acceptance test plan.

Test Case	U-L005
Tested By	Michael Kilian
Date Tested	26/02/2013
Test Result	PASS
Further Comments	Visitor logged in and set as current user as expected.
Test Setup	See acceptance test plan.

Test Case	U-L006
Tested By	Michael Kilian
Date Tested	26/02/2013
Test Result	PASS
Further Comments	Visitor refused login with wrong username..
Test Setup	Username "Vr01" used as wrong username. See acceptance test plan.

Test Case	U-L007
Tested By	Michael Kilian
Date Tested	26/02/2013
Test Result	PASS
Further Comments	Employer logged in and set as current user as expected.
Test Setup	Username "Google.com-emp" used as username instead to obey naming convention laid out by implementation. Password = "ilikelongpasswordsandthisisnoexception"

Test Case	U-L008
Tested By	Michael Kilian
Date Tested	26/02/2013
Test Result	PASS
Further Comments	Employer denied access with wrong password as expected.
Test Setup	Username "Google.com-emp" used as username instead to obey naming convention laid out by implementation. Incorrect password used ="wrong".

Test Case	U-L009
Tested By	Michael Kilian
Date Tested	26/02/2013
Test Result	PASS
Further Comments	Employer denied access with wrong username as expected.
Test Setup	Correct username "Google.com-emp" used as username instead to obey naming convention laid out by implementation. Incorrect username used ="Google.com".

Test Case	U-L010
Tested By	Michael Kilian
Date Tested	26/02/2013
Test Result	UNDECIDABLE
Further Comments	Database not implemented, as was implicitly agreed in changes to requirements between writing of acceptance test plan and testing. Should be re-tested in future iteration when MyCampus authentication has been used.
Test Setup	Correct username "Google.com-emp" used as username instead to obey naming convention laid out by implementation. See acceptance test plan.

Test Case	U-L011
Tested By	Michael Kilian
Date Tested	26/02/2013
Test Result	FAIL
Further Comments	No functionality implemented for adding/logging in as a coordinator. Failed by default.
Test Setup	See acceptance test plan.

Test Case	U-L012
Tested By	Michael Kilian
Date Tested	26/02/2013
Test Result	FAIL
Further Comments	No functionality implemented for adding/logging in as a coordinator. Failed by default.
Test Setup	See acceptance test plan.

2.1.2 View Advertisement Summary Tests

Test Case	A-001
Tested By	Michael Kilian
Date Tested	26/02/2013
Test Result	FAIL
Further Comments	Student granted access to unpublished advert.
Test Setup	Two adverts used. The first id=123001, status = PUBLISHED. The second with id=123456 and status = PENDING. Test was performed by attempting to select first the published advert then the pending. Naturally the first should be returned while the other should be denied. See acceptance test plan.

Test Case	A-002
Tested By	Michael Kilian
Date Tested	26/02/2013
Test Result	FAIL
Further Comments	No database implemented in this iteration. Should be tested when this requirement is fulfilled.
Test Setup	See acceptance test plan.

Test Case	A-003
Tested By	Michael Kilian
Date Tested	26/02/2013
Test Result	FAIL
Further Comments	Employer given access to adverts other than their own.
Test Setup	Two adverts used. The first id=123001 and belonging to the employer. The second with id=123456 and not belonging to the employer. Test was performed by attempting to select first advert then the second. Naturally the first should be returned while the other should be denied. See acceptance test plan for employer details.

Test Case	A-004
Tested By	Michael Kilian
Date Tested	26/02/2013
Test Result	UNDECIDABLE
Further Comments	No database implemented in this iteration. Should be tested when this requirement is fulfilled.
Test Setup	See acceptance test plan.

Test Case	A-005
Tested By	Michael Kilian
Date Tested	26/02/2013
Test Result	FAIL
Further Comments	No functionality implemented for adding/logging in as a coordinator. Failed by default.
Test Setup	See acceptance test plan.

Test Case	A-006
Tested By	Michael Kilian
Date Tested	26/02/2013
Test Result	FAIL
Further Comments	No functionality implemented for adding/logging in as a coordinator. Failed by default.
Test Setup	See acceptance test plan.

2.2 Advert Management Use Case Tests

2.2.1 View Advert Detail Tests

Test Case	AM-A001
Tested By	Michael Kilian
Date Tested	24/02/2013
Test Result	PASS
Further Comments	Pass based on ability to retrieve advert and call methods for retrieving data from advert successfully. Format of output is not considered.
Test Setup	Used 1003819k and "password" as GUID and password respectively for student login. For advert inputs see acceptance test plan.

Test Case	AM-A002
Tested By	Michael Kilian
Date Tested	24/02/2013
Test Result	FAIL
Further Comments	User granted access to the advertisement despite it not having been approved.
Test Setup	Used 1003819k and "password" as GUID and password respectively for student login. For advert inputs see acceptance test plan.

Test Case	AM-A003
Tested By	Michael Kilian
Date Tested	24/02/2013
Test Result	FAIL
Further Comments	No means provided to add/login as a coordinator. Failed by default.
Test Setup	N/A

Test Case	AM-A004
Tested By	Michael Kilian
Date Tested	24/02/2013
Test Result	PASS
Further Comments	
Test Setup	Employer Details: GUID = "IBM.com-emp", password = "password". See acceptance test plan for advert setup.

Test Case	AM-A005
Tested By	Michael Kilian
Date Tested	24/02/2013
Test Result	FAIL
Further Comments	Employer granted access to advertisement belonging to another company.
Test Setup	Employer Details: GUID = "IBM.com-emp", password = "password". See acceptance test plan for advert setup.

2.2.2 Register Employer Tests

Test Case	AM-RE001
Tested By	Michael Kilian
Date Tested	24/02/2013
Test Result	FAIL
Further Comments	New employer could not be registered through facade methods.
Test Setup	See acceptance test plan.

2.2.3 Submit Advertisement Tests

Test Case	AM-SA001
Tested By	Michael Kilian
Date Tested	24/02/2013
Test Result	FAIL
Further Comments	No methods provided to add/login as a coordinator. Failed by default.
Test Setup	See acceptance test plan.

Test Case	AM-SA002
Tested By	Michael Kilian
Date Tested	24/02/2013
Test Result	FAIL
Further Comments	Attempt to create advert failed (null advert returned);
Test Setup	See acceptance test plan.

2.2.4 Publish Advertisement Tests

Test Case	AM-PA001
Tested By	Michael Kilian
Date Tested	24/02/2013
Test Result	FAIL
Further Comments	No means provided by which to add/login as a coordinator. Failed by default.
Test Setup	See acceptance test plan.

Test Case	AM-PA002
Tested By	Michael Kilian
Date Tested	24/02/2013
Test Result	FAIL
Further Comments	No means provided by which to add/login as a coordinator. Failed by default.
Test Setup	See acceptance test plan.

Test Case	AM-PA003
Tested By	Michael Kilian
Date Tested	24/02/2013
Test Result	FAIL
Further Comments	No means provided by which to add/login as a coordinator. Failed by default.
Test Setup	See acceptance test plan.

2.3 Offer Management Use Case Test

2.3.1 View Student Detail

Test Case	OM-VS001
Tested By	Michael Kilian
Date Tested	24/02/2013
Test Result	FAIL
Further Comments	No means provided by which to add/login as a coordinator. Failed by default.
Test Setup	See acceptance test plan.

Test Case	OM-VS002
Tested By	Michael Kilian
Date Tested	24/02/2013
Test Result	PASS
Further Comments	Success based on ability to retrieve student and check details.
Test Setup	Student matric=1230123Q,surname="Kilian",forename="Michael". See acceptance test plan for further details.

Test Case	OM-VS003
Tested By	Michael Kilian
Date Tested	24/02/2013
Test Result	PASS
Further Comments	Success based on ability to retrieve student and check details.
Test Setup	Student matric=1230123Q,surname="Kilian",forename="Michael". See acceptance test plan for further details.

Test Case	OM-VS004
Tested By	Michael Kilian
Date Tested	24/02/2013
Test Result	PASS
Further Comments	Visitor denied access as expected.
Test Setup	Student matric=1230123Q,surname="Kilian",forename="Michael". See acceptance test plan for further details.

2.3.2 Notify Accepted Offer Tests

Test Case	OM-NA001
Tested By	Michael Kilian
Date Tested	24/02/2013
Test Result	PASS
Further Comments	Notification received correctly..
Test Setup	Student matric=1230123Q,password = "password". See acceptance test plan for further details.

Test Case	OM-NA002
Tested By	Michael Kilian
Date Tested	24/02/2013
Test Result	PASS
Further Comments	Pass based on return value of role creation method. Persistent system state is not checked.
Test Setup	Student matric=1230123Q,password = "password". See acceptance test plan for further details.

2.3.3 Approve Accepted Offer Tests

Test Case	OM-AA001
Tested By	Michael Kilian
Date Tested	24/02/2013
Test Result	FAIL
Further Comments	No means by which to add/login as a coordinator. Failed by default.
Test Setup	See acceptance test plan.
Test Case	OM-AA002
Tested By	Michael Kilian
Date Tested	24/02/2013
Test Result	FAIL
Further Comments	No means by which to add/login as a coordinator. Failed by default.
Test Setup	See acceptance test plan.

2.4   Non-Functional Requirements Tests

Test Case	NF-003
Tested By	Michael Kilian
Date Tested	24/02/2013
Test Result	PASS
Further Comments	Facade realised.
Test Setup	See acceptance test plan.

Test Case	NF-004
Tested By	Michael Kilian
Date Tested	24/02/2013
Test Result	PASS
Further Comments	System supports at least 50 Adverts at once with one role each.
Test Setup	See acceptance test plan.

Test Case	NF-005
Tested By	Michael Kilian
Date Tested	24/02/2013
Test Result	PASS
Further Comments	System supports at least 50 Employers at once.
Test Setup	See acceptance test plan.

Test Case	NF-006
Tested By	Michael Kilian
Date Tested	24/02/2013
Test Result	PASS
Further Comments	System supports at least 50 SESP students at once.
Test Setup	See acceptance test plan.

Test Case	NF-007
Tested By	Michael Kilian
Date Tested	24/02/2013
Test Result	PASS
Further Comments	100 users added successfully.
Test Setup	See acceptance test plan.

3 Summary of Acceptance Testing

All tests were carried out using the JUnit test framework on a pre-written test harness. This was modified to make test cases more complete and to accommodate the ability to add users/adverts, etc. using the methods provided by Team K. Each test was run multiple times on a 'fresh' instance of the InternMan implementation provided to ensure the accuracy of results.

As can be plainly seen a large number of tests have failed. In general however, most of these stem from two issues:

1. Failure to implement a coordinator.

2. Failure to limit effective permissions of the various categories of user.

To expand the second point, all tests in which a user should be denied access to a certain piece of information failed by the user being granted access. This could suggest that logging in has no effect on what data can or can not be accessed at any time. Further testing and code inspection would be required to prove this theory.

Naturally the implementation and testing of these features should be a priority in future development iterations.

A Glossary

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