



Test Summary Report

KeyMaster

Riferimento	
Versione	1.0
Data	24/01/2021
Destinatario	Prof.ssa F. Ferrucci
Presentato da	Mattia d'Argenio Andrea Santaniello Daniele Dello Russo Michele Corcione
Approvato da	



Revision History

Data	Versione	Descrizione	Autori
24/01/2022	1.0	Stesura	Tutti



Sommario

Revision History	2
1. Introduzione	4
2. Relazione con altri documenti di testing	4
3. Analisi dei test case	4



1. Introduzione

Il presente documento descrive l'andamento dei testing effettuati a livello di package e la relativa coverage.

2. Relazione con altri documenti di testing

Test Case Specification (TCS)

Il TCS verrà utilizzato per conoscere l'oracolo dei singoli test cases delle funzionalità del sistema testate, ovvero ricavarne il risultato atteso.

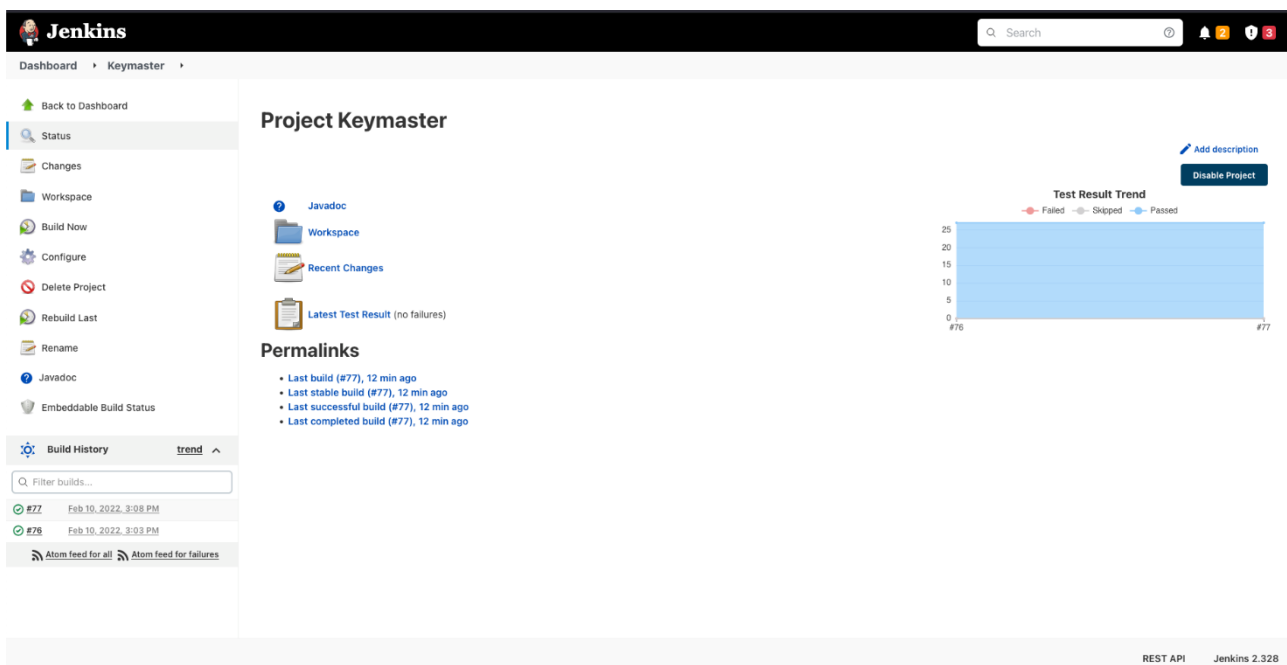
Test Execution Report (TER)

Il TER verrà invece utilizzato per scoprire qual è stato l'esito dei test cases delle funzionalità testate, e controllare se il risultato ottenuto corrisponde con quello desiderato.

3. Analisi dei test case

I test pianificati sono stati implementati tutti.

Il report dei test viene automaticamente generato nel processo di build da Jacoco tramite Jenkins.





Laurea Triennale in Informatica - Università di Salerno
Corso di *Ingegneria del Software* - Prof.ssa F.Ferrucci

Coverage dei test con Jacoco.

src/main/java

Element	Missed Instructions	Cov.	Missed Branches	Cov.	Missed	Cxty	Missed	Lines	Missed	Methods	Missed	Classes
hf.keymaster.application		72%		51%	36	57	45	186	7	26	0	5
hf.keymaster.user		75%		54%	39	65	49	189	10	32	1	7
hf.keymaster.license.owned		65%		50%	25	35	31	80	15	24	0	3
hf.keymaster.license		85%		51%	34	54	22	127	3	22	0	4
hf.keymaster.license.key		84%		54%	26	36	15	87	6	14	0	3
hf.keymaster.utils		65%		38%	15	22	17	41	8	13	0	3
hf.keymaster.api		85%		63%	18	33	15	76	6	15	0	2
hf.keymaster.database		72%		50%	4	6	6	22	3	5	0	1
Total	642 of 2,773	76%	147 of 314	53%	197	308	200	808	58	151	1	28

java (1) (10 Feb 2022 15:55:09)

Report dei test con Katalon.

Keymaster Test Test Log

Execution Environment

Host name: andrea - 192.168.1.223
OS: Mac OS X 64bit
Katalon version: 8.2.0.208
Browser: Chrome 97.0.4692.71

Test Execution Log

<div><div>TEST SUITE: Keymaster Test</div><div>Full Name: Keymaster Test</div><div>Start / End / Elapsed: 2022-01-19 17:03:04.925 / 2022-01-19 17:04:17.303 / 00:01:12.378</div><div>Status: 9 test total, 9 passed, 0 failed, 0 error, 0 incomplete, 0 skipped</div></div>	Expand All
<div><div>TEST CASE: Test Cases/Register Test</div><div>Full Name: Keymaster Test/Test Cases/Register Test</div><div>Description: Creates a new testuser</div><div>Start / End / Elapsed: 2022-01-19 17:03:05.312 / 2022-01-19 17:03:15.226 / 00:00:09.914</div><div>Status: PASSED</div><div>TEST STEP: openBrowser()</div><div>TEST STEP: navigateToUrl("http://keymaster.monocul.us/")</div><div>TEST STEP: click(findTestObject("Keymaster_Register/Register"))</div><div>TEST STEP: doubleClick(findTestObject("Keymaster_Register/Input_E-Mail_email"))</div><div>TEST STEP: setText(findTestObject("Keymaster_Register/Input_E-Mail_email"), "testuser02@gmail.com")</div><div>TEST STEP: setText(findTestObject("Keymaster_Register/Input_Username_username"), "testuser02")</div><div>TEST STEP: setPassword(findTestObject("Keymaster_Register/Input_Password_password"), "DAa4LTrindct0HYm0ISQw==")</div><div>TEST STEP: setPassword(findTestObject("Keymaster_Register/Input_Password_confirm"), "DAa4LTrindct0HYm0ISQw==")</div><div>TEST STEP: click(findTestObject("Keymaster_Register/button_Register"))</div><div>TEST STEP: getText(findTestObject("Keymaster_Register/div_Registerd successfully, please login"), STOP_ON_FAILURE)</div><div>TEST STEP: Video</div></div>	Expand All
<div><div>TEST CASE: Test Cases/Login Test</div><div>Full Name: Keymaster Test/Test Cases/Login Test</div><div>Description: Tests Login</div><div>Start / End / Elapsed: 2022-01-19 17:03:15.231 / 2022-01-19 17:03:21.656 / 00:00:06.425</div><div>Status: PASSED</div><div>TEST STEP: openBrowser()</div><div>TEST STEP: navigateToUrl("http://keymaster.monocul.us/")</div><div>TEST STEP: click(findTestObject("Keymaster_Login/Login"))</div><div>TEST STEP: setText(findTestObject("Keymaster_Login/Input_Username_username"), "testuser02")</div><div>TEST STEP: setPassword(findTestObject("Keymaster_Login/Input_Password_password"), "DAa4LTrindct0HYm0ISQw==")</div><div>TEST STEP: click(findTestObject("Keymaster_Login/button_Login"))</div><div>TEST STEP: getText(findTestObject("Keymaster_Login/Hello testuser02"), STOP_ON_FAILURE)</div><div>TEST STEP: Video</div></div>	Expand All
<div><div>TEST CASE: Test Cases/Update User Details Test</div><div>Full Name: Keymaster Test/Test Cases/Update User Details Test</div><div>Description: Updates various user details after login</div><div>Start / End / Elapsed: 2022-01-19 17:03:21.660 / 2022-01-19 17:03:29.203 / 00:00:07.543</div><div>Status: PASSED</div><div>TEST STEP: callTestCase(findTestCase("Login Test"), [], STOP_ON_FAILURE)</div><div>TEST STEP: setText(findTestObject("Object Repository/Keymaster_UpdateUserDetails/Input_FirstName_firstname"), "Nick")</div><div>TEST STEP: setText(findTestObject("Object Repository/Keymaster_UpdateUserDetails/Input_LastName_lastname"), "Name")</div><div>TEST STEP: click(findTestObject("Object Repository/Keymaster_UpdateUserDetails/button_Update"))</div><div>TEST STEP: getText(findTestObject("Object Repository/Keymaster_UpdateUserDetails/div_Personal details updated"), STOP_ON_FAILURE)</div><div>TEST STEP: Video</div></div>	Expand All



Laurea Triennale in Informatica - Università di Salerno

Corso di *Ingegneria del Software* - Prof.ssa F.Ferrucci

<div><div>TEST CASE: Test Cases/Upgrade User Test</div><div><div>Full Name:Keymaster Test/Test Cases/Upgrade User Test</div><div>Description:Tests user upgrade from basic to developer.</div><div>Start / End / Elapsed:2022-01-19 17:03:29.211 / 2022-01-19 17:03:36.231 / 00:00:07.020</div><div>Status:PASSED</div></div><div><div>TEST STEP: callTestCase(findTestCase("Login Test"), [], STOP_ON_FAILURE)</div><div>TEST STEP: click(findTestObject("Object Repository/Keymaster_Upgrade/a_Become a Developer"))</div><div>TEST STEP: click(findTestObject("Object Repository/Keymaster_Upgrade/button_Upgrade Now"))</div><div>TEST STEP: getText(findTestObject("Object Repository/Keymaster_Upgrade/div_You are now a developer Log back in"))</div><div>TEST STEP: Video</div></div></div>	Expand All
<div><div>TEST CASE: Test Cases/Create Application Test</div><div><div>Full Name:Keymaster Test/Test Cases/Create Application Test</div><div>Description:Create a new application on the platform.</div><div>Start / End / Elapsed:2022-01-19 17:03:36.234 / 2022-01-19 17:03:44.129 / 00:00:07.895</div><div>Status:PASSED</div></div><div><div>TEST STEP: callTestCase(findTestCase("Login Test"), [], STOP_ON_FAILURE)</div><div>TEST STEP: click(findTestObject("Object Repository/Keymaster_NewApplication/a_Add Application"))</div><div>TEST STEP: setText(findTestObject("Object Repository/Keymaster_NewApplication/input_ApplicationName_name"), "TestApplication")</div><div>TEST STEP: setText(findTestObject("Object Repository/Keymaster_NewApplication/textarea_ApplicationDescription_description"), "TestApplication")</div><div>TEST STEP: setText(findTestObject("Object Repository/Keymaster_NewApplication/input_Website_website"), "https://TestApplication.com")</div><div>TEST STEP: click(findTestObject("Object Repository/Keymaster_NewApplication/button_Create"))</div><div>TEST STEP: getText(findTestObject("Object Repository/Keymaster_NewApplication/div_Application created successfully"))</div><div>TEST STEP: Video</div></div></div>	Expand All
<div><div>TEST CASE: Test Cases/Regenerate API Test</div><div><div>Full Name:Keymaster Test/Test Cases/Regenerate API Test</div><div>Description:Tests the regeneration of the API key</div><div>Start / End / Elapsed:2022-01-19 17:03:44.133 / 2022-01-19 17:03:51.860 / 00:00:07.727</div><div>Status:PASSED</div></div><div><div>TEST STEP: callTestCase(findTestCase("Login Test"), [], STOP_ON_FAILURE)</div><div>TEST STEP: click(findTestObject("Object Repository/Keymaster_RegenerateAPI/a_My Applications"))</div><div>TEST STEP: click(findTestObject("Object Repository/Keymaster_RegenerateAPI/button_Manage"))</div><div>TEST STEP: oldAPI = getAttribute(findTestObject("Object Repository/Keymaster_RegenerateAPI/input_API Key_form-control"), "value")</div><div>TEST STEP: click(findTestObject("Object Repository/Keymaster_RegenerateAPI/button_Regenerate"))</div><div>TEST STEP: refresh()</div><div>TEST STEP: newAPI = getAttribute(findTestObject("Object Repository/Keymaster_RegenerateAPI/input_API Key_form-control"), "value")</div><div>TEST STEP: assert newAPI != oldAPI</div><div>TEST STEP: APIKEY = newAPI</div><div>TEST STEP: Video</div></div></div>	Expand All
<div><div>TEST CASE: Test Cases/Generate Serial Keys Test</div><div><div>Full Name:Keymaster Test/Test Cases/Generate Serial Keys Test</div><div>Description:Tests serial key generation for the previous license.</div><div>Start / End / Elapsed:2022-01-19 17:04:00.758 / 2022-01-19 17:04:09.594 / 00:00:08.836</div><div>Status:PASSED</div></div><div><div>TEST STEP: callTestCase(findTestCase("Login Test"), [], STOP_ON_FAILURE)</div><div>TEST STEP: click(findTestObject("Object Repository/Keymaster_GenerateKeys/a_My Applications"))</div><div>TEST STEP: click(findTestObject("Object Repository/Keymaster_GenerateKeys/button_Manage"))</div><div>TEST STEP: click(findTestObject("Object Repository/Keymaster_GenerateKeys/a_ManageLicenses"))</div><div>TEST STEP: click(findTestObject("Object Repository/Keymaster_GenerateKeys/button_Manage"))</div><div>TEST STEP: click(findTestObject("Object Repository/Keymaster_GenerateKeys/a_Manage Product Keys"))</div><div>TEST STEP: verifyTextPresent("Total Keys", false)</div><div>TEST STEP: setText(findTestObject("Object Repository/Keymaster_GenerateKeys/input_KeysTo Generate_keys_toGen"), "10")</div><div>TEST STEP: click(findTestObject("Object Repository/Keymaster_GenerateKeys/button_Generate"))</div><div>TEST STEP: verifyTextPresent("Total Keys", false)</div><div>TEST STEP: Video</div></div></div>	Expand All
<div><div>TEST CASE: Test Cases/Manual License Activation Test</div><div><div>Full Name:Keymaster Test/Test Cases/Manual License Activation Test</div><div>Description:Tests the manual license activation by activating the license on itself.</div><div>Start / End / Elapsed:2022-01-19 17:04:09.602 / 2022-01-19 17:04:17.303 / 00:00:07.701</div><div>Status:PASSED</div></div><div><div>TEST STEP: callTestCase(findTestCase("Login Test"), [], STOP_ON_FAILURE)</div><div>TEST STEP: click(findTestObject("Object Repository/Keymaster_ManualLicenseAssign/a_My Applications"))</div><div>TEST STEP: click(findTestObject("Object Repository/Keymaster_ManualLicenseAssign/button_Manage"))</div><div>TEST STEP: setText(findTestObject("Object Repository/Keymaster_ManualLicenseAssign/input_Assign License_igtuser"), "testuser02")</div><div>TEST STEP: click(findTestObject("Object Repository/Keymaster_ManualLicenseAssign/button_Assign"))</div><div>TEST STEP: getText(findTestObject("Object Repository/Keymaster_ManualLicenseAssign/div_User testuser02 has been upgraded to Te_6ede7b"), STOP_ON_FAILURE)</div><div>TEST STEP: Video</div></div></div>	Expand All