



Unit Test Report

HardShipV2

Versione 1.1



Sommario

Introduzione	4
Details	4
Overview dei risultati dei test	4
Dettagli dei risultati degli unit test HardShipV1	4
JUnit AcquistaTest	4
JUnit AllNewsTest	4
JUnit DeleteItemTest	4
JUnit HomeTest	4
JUnit InserisciFeedbackTest	5
JUnit LiveSearchTest	5
JUnit LoginAdminTest	5
JUnit LoginTest	5
JUnit LogoutTest	5
JUnit NavBarTest	5
JUnit NotizieTest	5
JUnit RegistrazioneUtenteTest	6
JUnit RichiestaAlbumTest	6
JUnit SearchTest	6
JUnit UploadAlbumTest	6
JUnit UploadNewsTest	6
JUnit VisualizzaAlbumTest	6
JUnit VisualizzaNewsTest	6
Coverage dei test eseguiti	7
Dettagli dei risultati degli unit test HardShipV2 (1 versione)	8
GestioneFeedbackControllerTest	8
GestioneBranoControllerTest	8
GestioneNewsControllerTest	8
GestioneAlbumControllerTest	8
GestioneAlbumServiceTest	8



GestioneNewsServiceTest	9
GestioneFeedbackServiceTest	9
Coverage dei test eseguiti	9



1. Introduzione

Il testing di unità rappresenta la fase di testing in cui si assicura che le componenti sviluppate funzionino in isolamento. Questo documento ha il compito di identificare la strategia di testing di unità per il sistema HardShipV1 e HardShipV2. In particolare, saranno specificate le componenti da testare e il modo in cui il testing dovrà essere eseguito. Lo scopo del documento è quello di riportare l'esecuzione del testing unitario e di verificare la presenza o meno di fault.

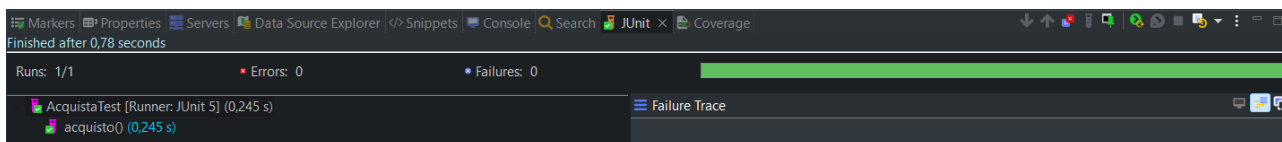
2. Details

2.1. Overview dei risultati dei test

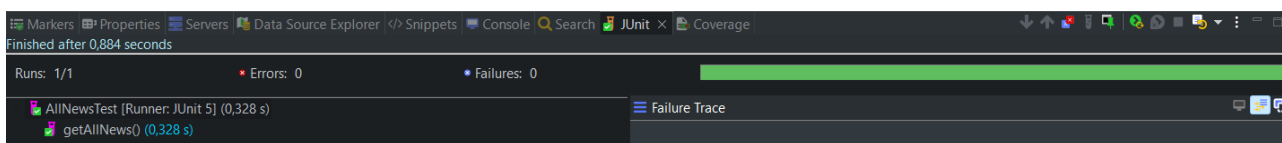
Non sono stati riscontrati fault nelle componenti del sistema HardShipV1 e HardShipV2. Per informazioni dettagliate sugli item testati e sui risultati si faccia riferimento al paragrafo successivo.

2.2. Dettagli dei risultati degli unit test HardShipV1

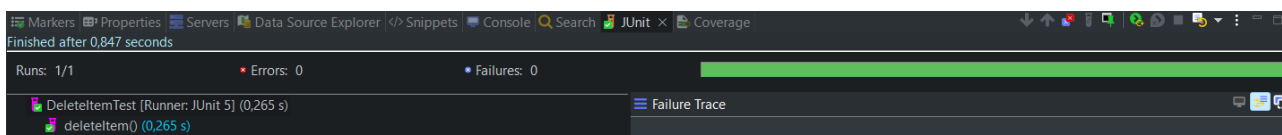
2.2.1. Junit AcquistaTest



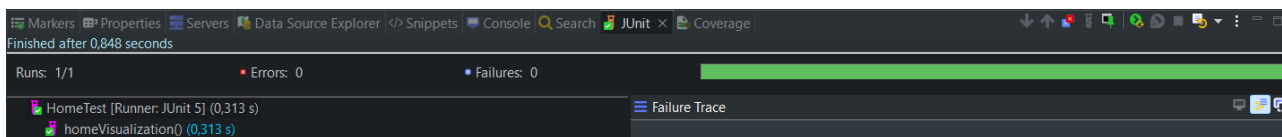
2.2.2. Junit AllNewsTest



2.2.3. Junit DeleteltemTest

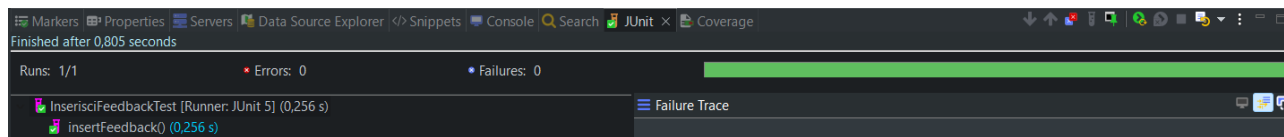


2.2.4. Junit HomeTest

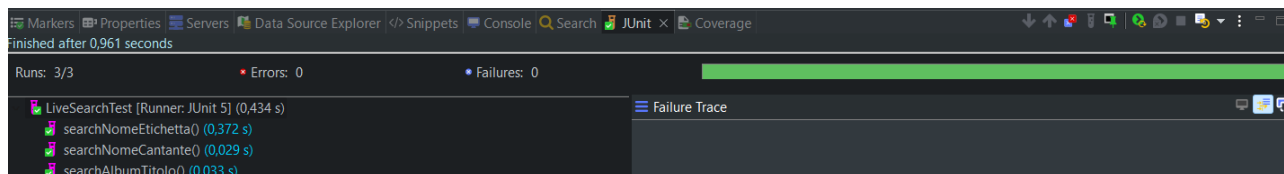




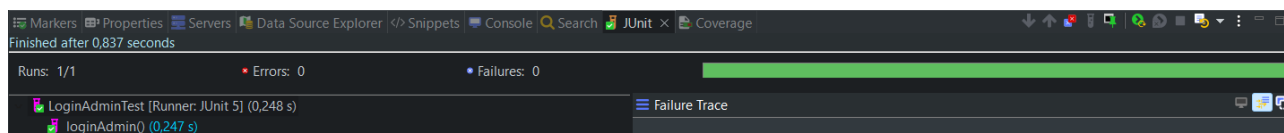
2.2.5. Junit InserisciFeedbackTest



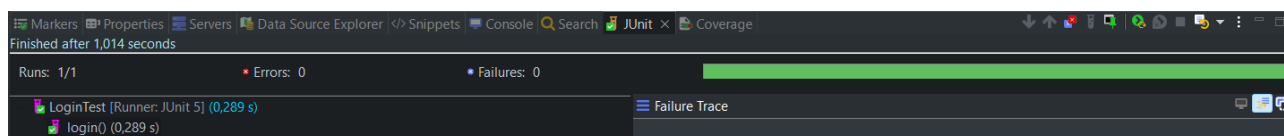
2.2.6. Junit LiveSearchTest



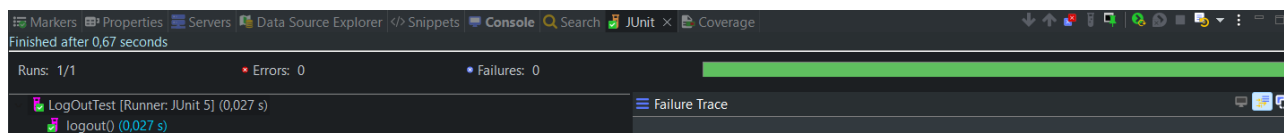
2.2.7. Junit LoginAdminTest



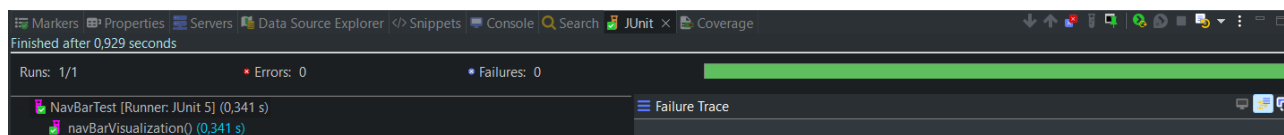
2.2.8. Junit LoginTest



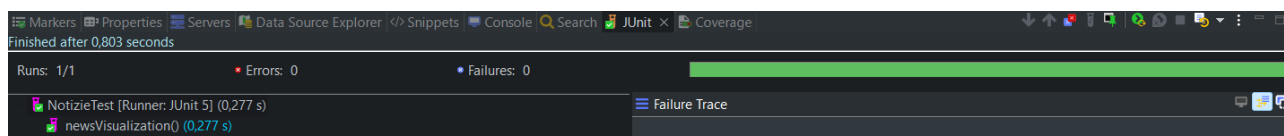
2.2.9. Junit LogoutTest



2.2.10. Junit NavBarTest

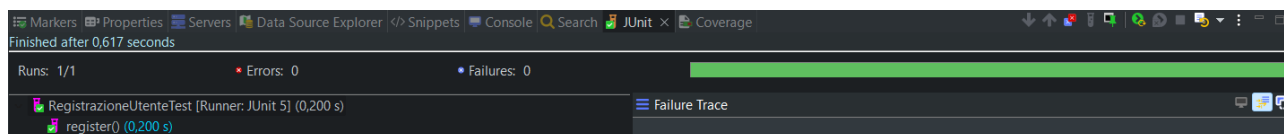


2.2.11. Junit NotizieTest

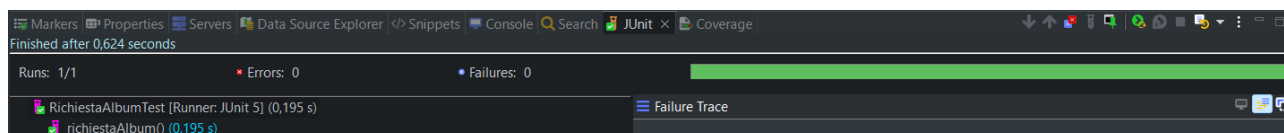




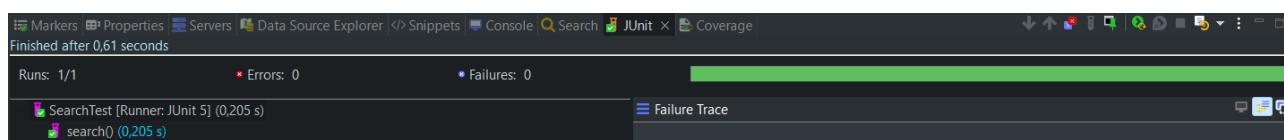
2.2.12. Junit RegistrazioneUtenteTest



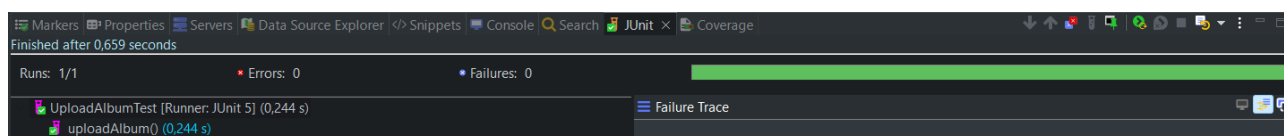
2.2.13. Junit RichiestaAlbumTest



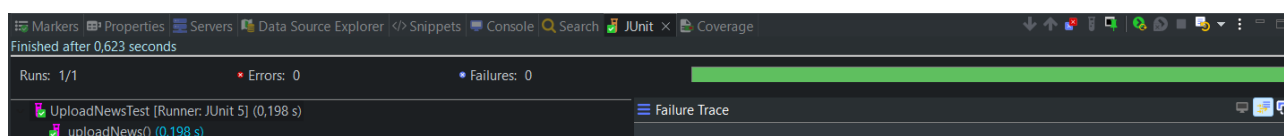
2.2.14. Junit SearchTest



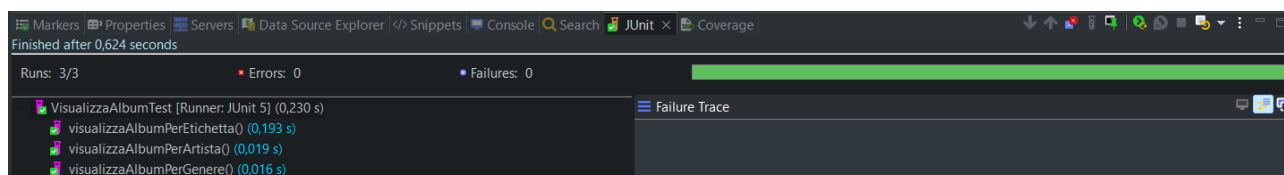
2.2.15. Junit UploadAlbumTest



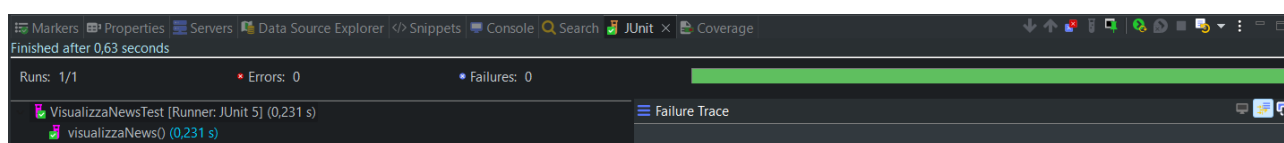
2.2.16. Junit UploadNewsTest



2.2.17. Junit VisualizzaAlbumTest



2.2.18. Junit VisualizzaNewsTest





2.3. Coverage dei test eseguiti

Element	Coverage	covered Instructions	missed Instructions	Total Instructions
ProgettolGES	83,1 %	7.579	1.546	9.125
↳ hardship-v1/src	83,1 %	7.579	1.546	9.125
↳ it.ship.servlets.gestioneAlbum	62,6 %	1.244	743	1.987
↳ it.ship.servlets.gestioneCarrello	42,5 %	275	372	647
↳ it.ship.servlets.gestioneUtente	56,6 %	280	215	495
↳ it.ship.test.addtests	95,4 %	2.623	127	2.750
↳ it.ship.servlets.gestioneSistema	89,4 %	479	57	536
↳ it.ship.servlets.gestioneNews	97,5 %	747	19	766
↳ it.ship.beans	98,0 %	647	13	660
↳ it.ship.test	100,0 %	1.284	0	1.284



2.4. Dettagli dei risultati degli unit test HardShipV2 (1 versione)

2.4.1. GestioneFeedbackControllerTest

✓	✓	GestioneFeedbackControllerTests	473 ms
	✓	getAllFeedback_success()	323 ms
	✓	createNews_success()	113 ms
	✓	getFeedbackWithClientID()	37 ms

2.4.2. GestioneBranoControllerTest

✓	GestioneBranoControllerTests	16 ms
	✓ getBraniWithAlbumId()	16 ms

2.4.3. GestioneNewsControllerTest

✓	GestioneNewsControllerTests	76 ms
	✓ createNews_success()	33 ms
	✓ getAllNews_success()	14 ms
	✓ getNewsById_success()	29 ms

2.4.4. GestioneAlbumControllerTest

✓	GestioneAlbumControllerTests	159 ms
	✓ uploadAlbum_success()	25 ms
	✓ getAlbums_success()	25 ms
	✓ getDetailAlbum_success()	39 ms
	✓ getAllAlbumsOrderByEtichetta()	21 ms
	✓ createRequestAlbum_success()	16 ms
	✓ getAllAlbumsOrderByArtista()	33 ms

2.4.5. GestioneAlbumServiceTest

✓	GestioneAlbumServiceTest	127 ms
	✓ givenIdThenShouldReturnAlbumOfThatId()	124 ms
	✓ getAllAlbumsTest()	3 ms



2.4.6. GestioneNewsServiceTest

✓ GestioneNewsServiceTest	199 ms
✓ givenGetAllNewsShouldReturnListOfAllNews()	98 ms
✓ givenIdThenShouldReturnNewsOfThatId()	101 ms
✓ givenNewsToAddShouldReturnAddedNews()	

2.4.7. GestioneFeedbackServiceTest

✓ GestioneFeedbackServiceTest	23 ms
✓ givenFeedbackToAddShouldReturnAddedFeedback()	23 ms
✓ givenGetAllNewsShouldReturnListOfAllNews()	

2.5. Coverage dei test eseguiti

71% classes, 51% lines covered in package 'io.hardship.hardshipapi'

Element	Class, %	Method, %	Line, %
controller	100% (6/6)	93% (14/15)	75% (43/57)
dao	100% (0/0)	100% (0/0)	100% (0/0)
entity	58% (14/24)	47% (91/193)	42% (96/228)
service	83% (5/6)	53% (8/15)	60% (25/41)
utils	100% (2/2)	100% (5/5)	100% (9/9)
HardshipApiApplication	100% (1/1)	0% (0/1)	50% (1/2)