



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



TutoratoSmart

Model Test Report

TutoratoSmart

Riferimento	
Versione	0.1
Data	01/02/2020
Destinatario	Prof.ssa F. Ferrucci
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Approvato da	



Revision History

Data	Versione	Cambiamenti	Autori
01/02/2020	0.1	Prima stesura	Pisciotta Manuel



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1. Introduzione

Questo documento ha lo scopo di riportare i risultati dell'esecuzione dei test case delle classi presenti nel layer Model del sistema "TutoratoSmart"; le classi sono state testate con l'utilizzo di JUnit.

In particolare, sono state testate le seguenti classi:

- ActivityTutorBean
- ActivityTutorDAO
- AppointmentBean
- AppointmentDAO
- ContainedInBean
- ContainedInDAO
- ManagesBean
- ManagesDAO
- RegisterBean
- RegisterDAO
- RequestBean
- RequestDAO
- StudentBean
- StudentDAO
- TutorBean
- TutorDAO
- UserBean
- UserDAO
- ValidatesBean
- ValidatesDAO

2. Riferimenti

- TS_TSR_V_0.1
- TS_ITD_V_0.2

3. Dettagli

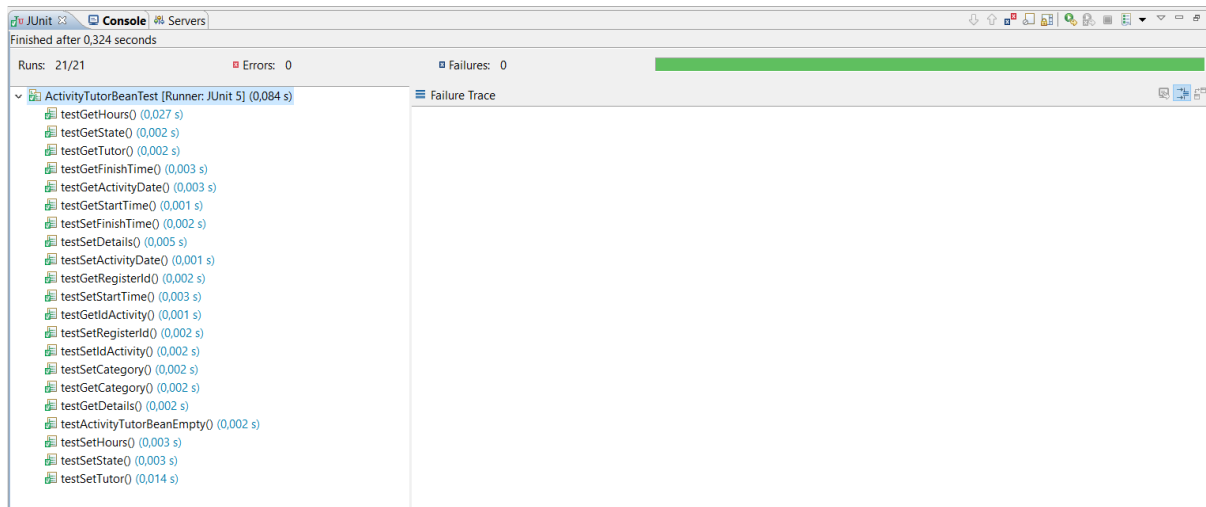
3.1 Overview dei risultati dei test

L'esecuzione dei test non ha rilevato fault nelle componenti del layer Model. Di seguito sono riportati i risultati dei test effettuati.

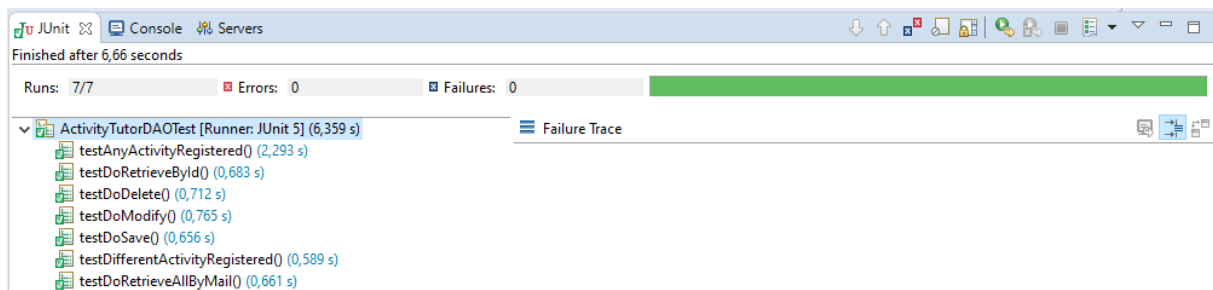


3.2 Dettagli dei risultati dei test

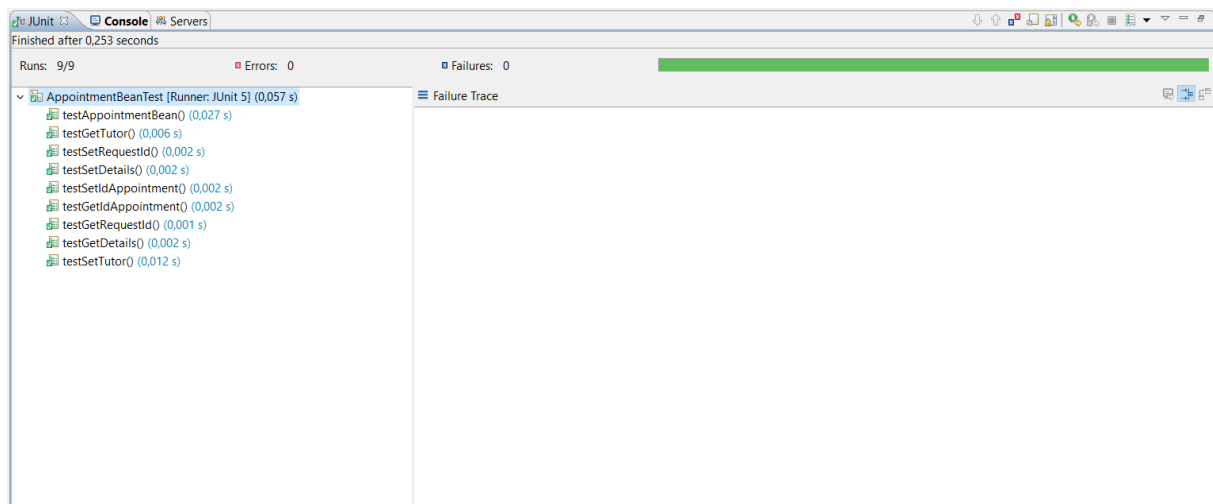
3.2.1 Classe ActivityBean



3.2.2 Classe ActivityTutorDAO

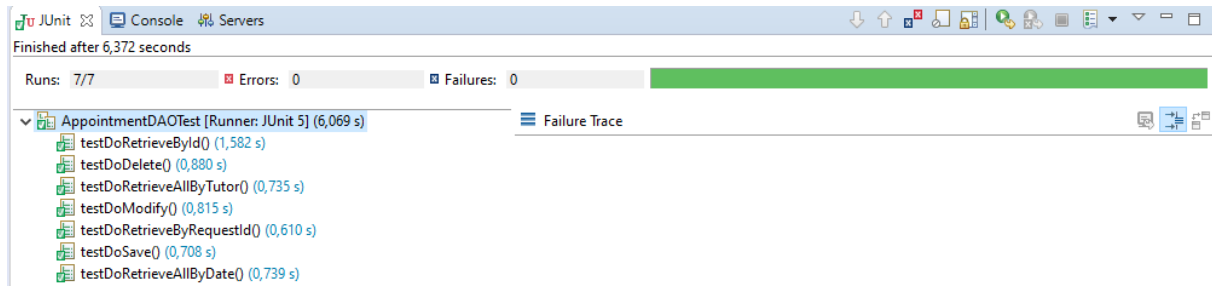


3.2.3 Classe AppointmentBean

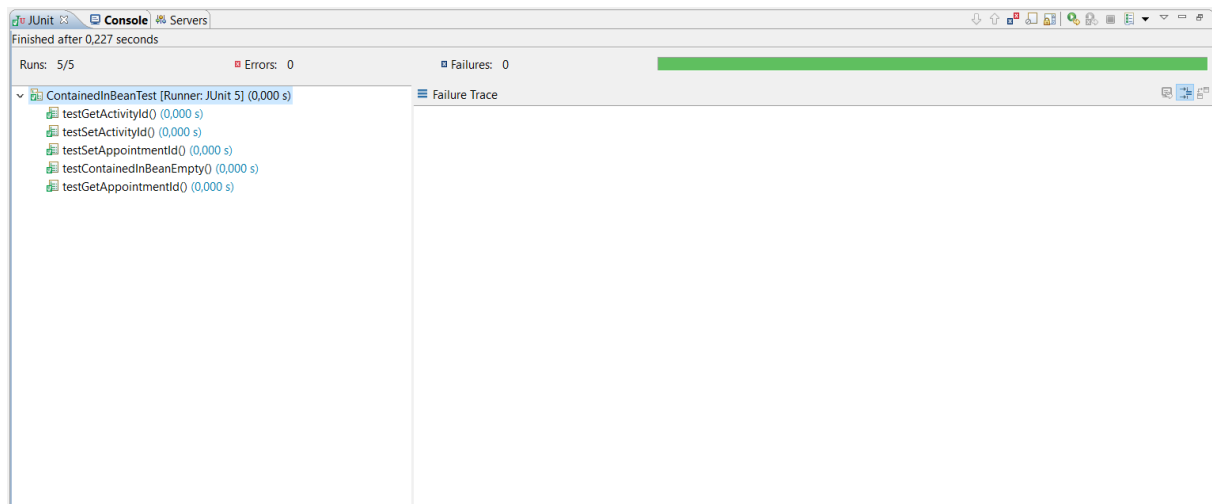




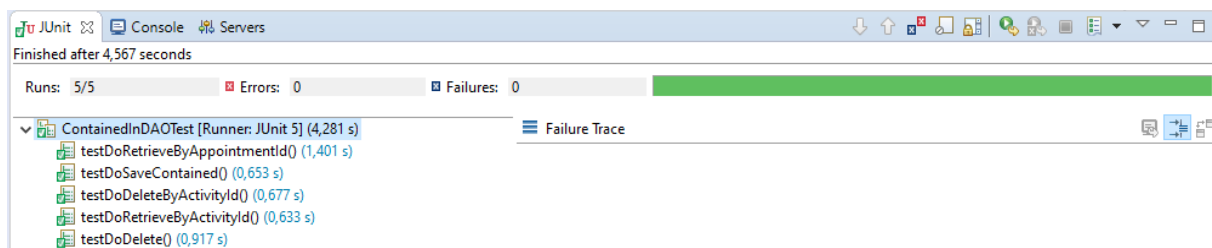
3.2.4 Classe AppointmentDAO



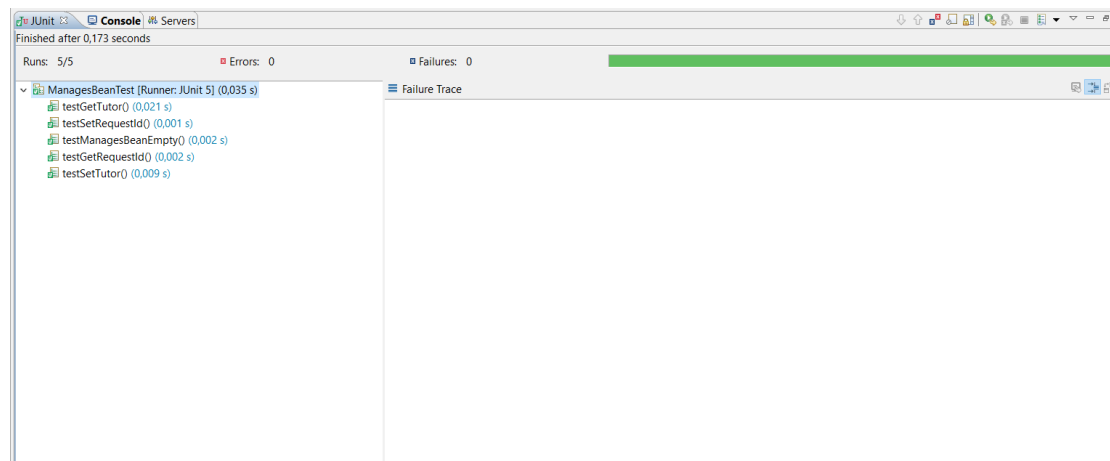
3.2.5 Classe ContainedIdBean



3.2.6 Classe ContainedInDAO

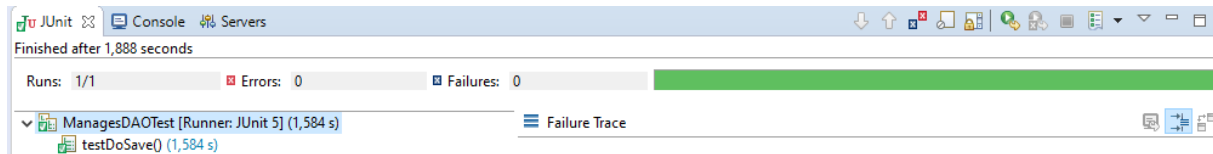


3.2.7 Classe ManagesBean

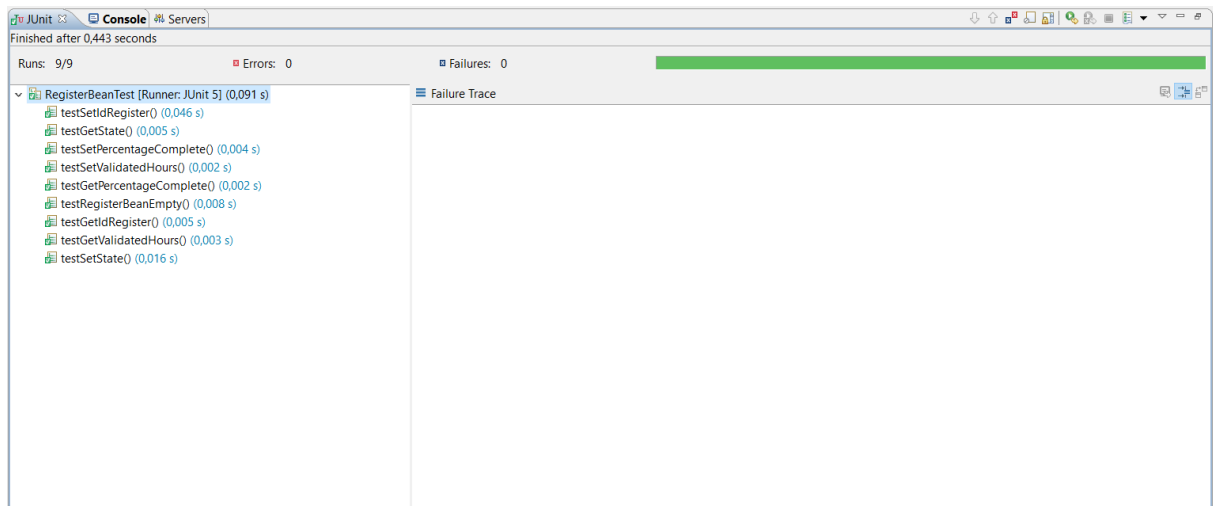




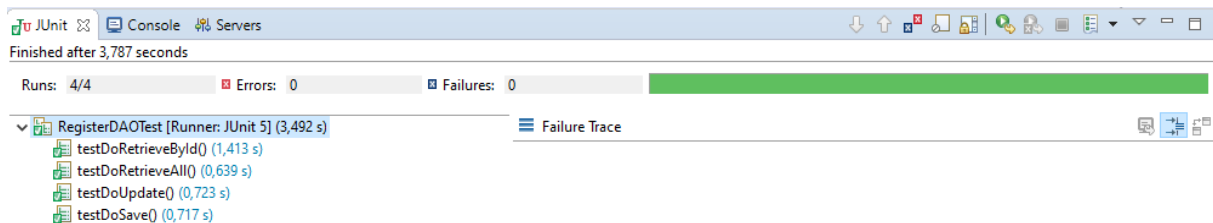
3.2.8. Classe ManagesDAO



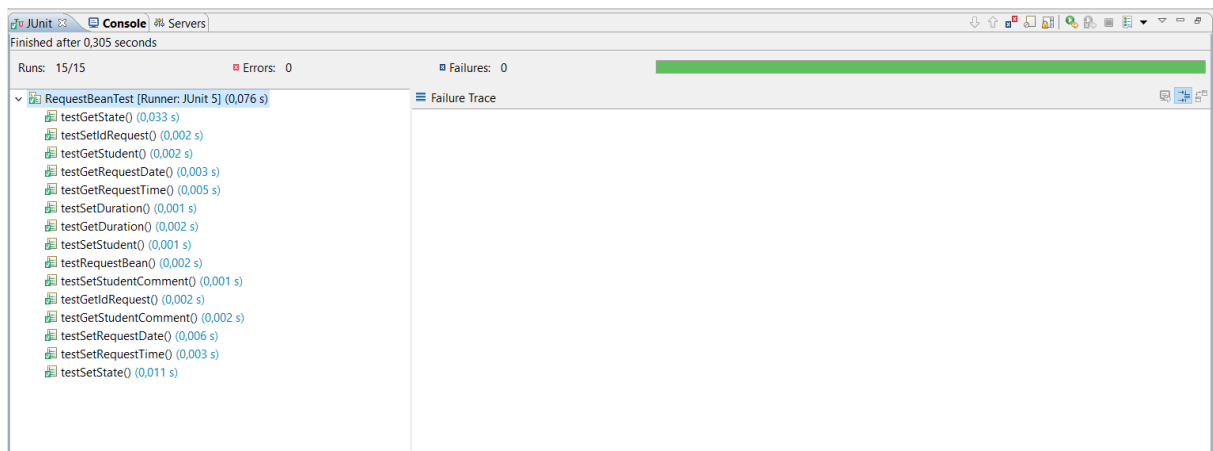
3.2.9 Classe RegisterBean



3.2.10 Classe RegisterDAO

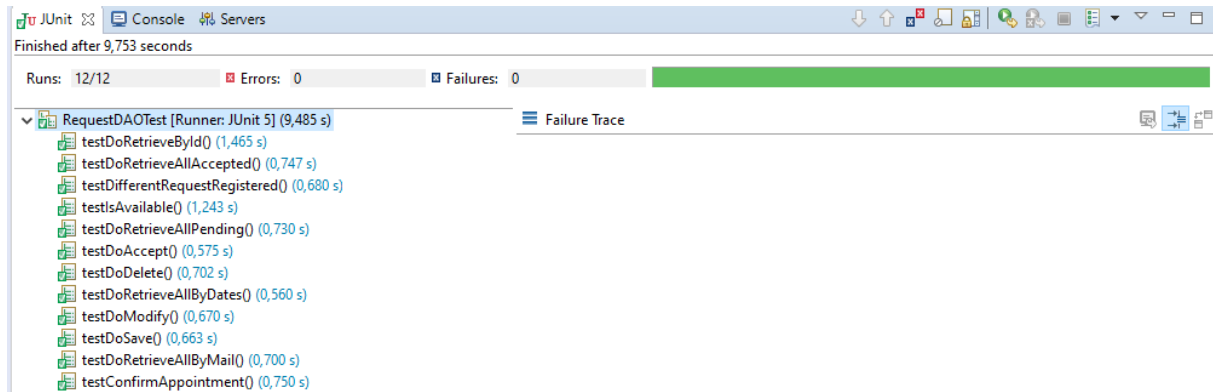


3.2.11 Classe RequestBean

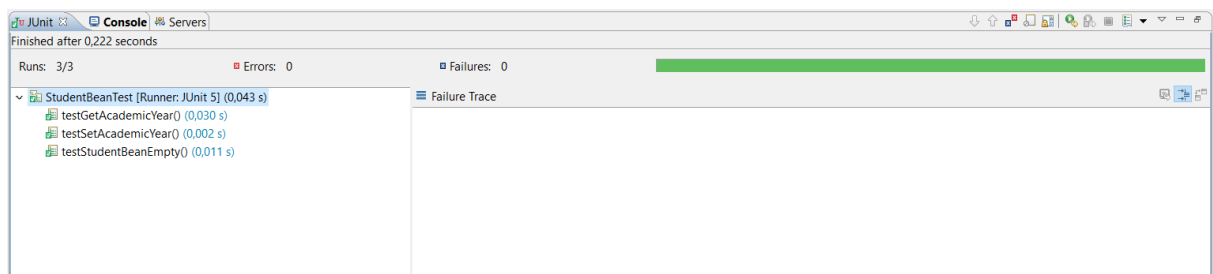




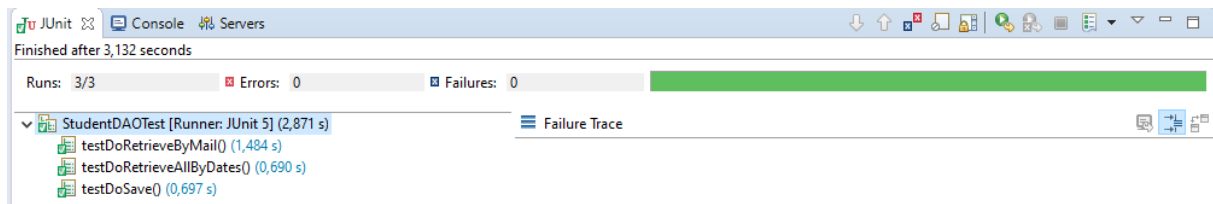
3.2.12 Classe RequestDAO



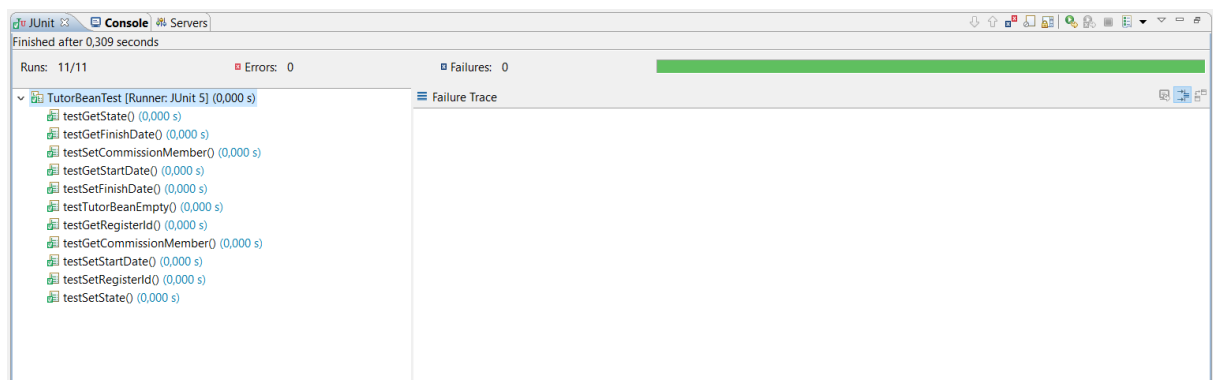
3.2.13 Classe StudentBean



3.2.14 Classe StudentDAO

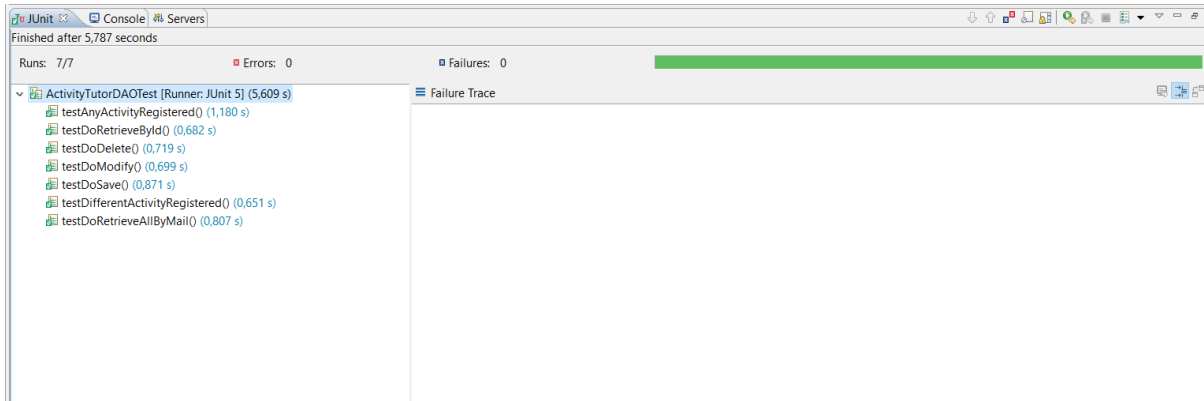


3.2.15 Classe TutorBean

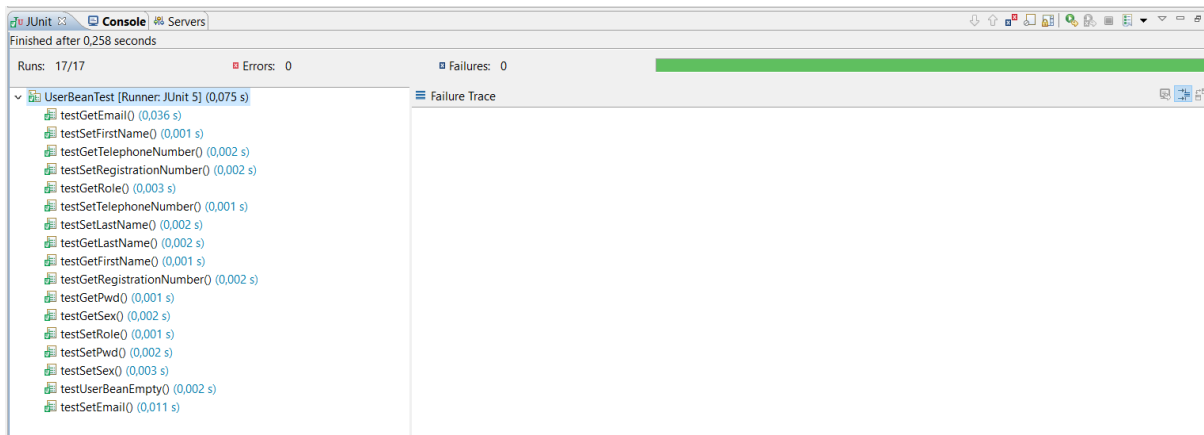




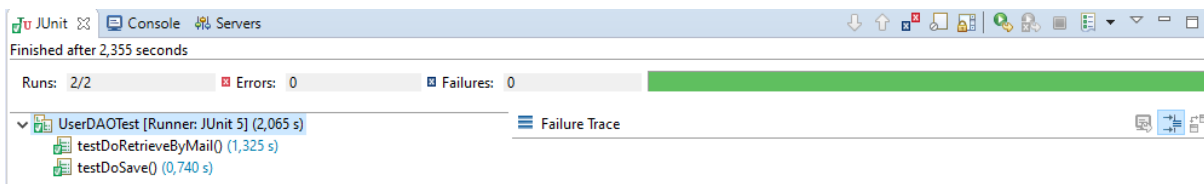
3.2.16 Classe TutorDAO



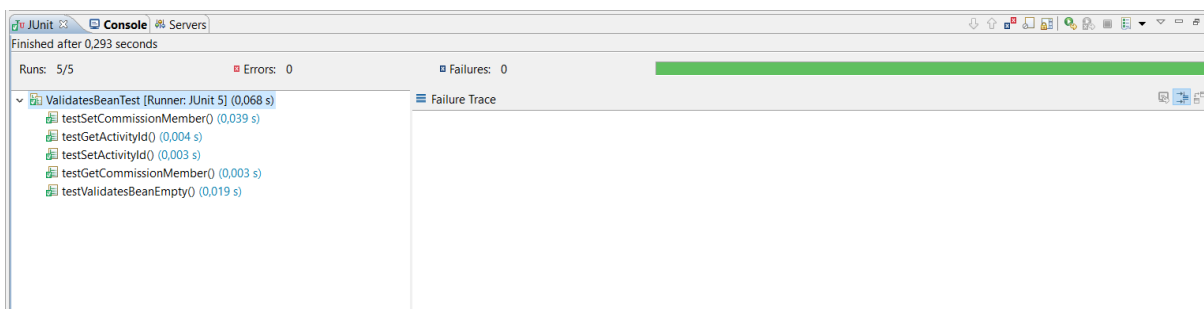
3.2.17 Classe UserBean



3.2.18 Classe UserDAO

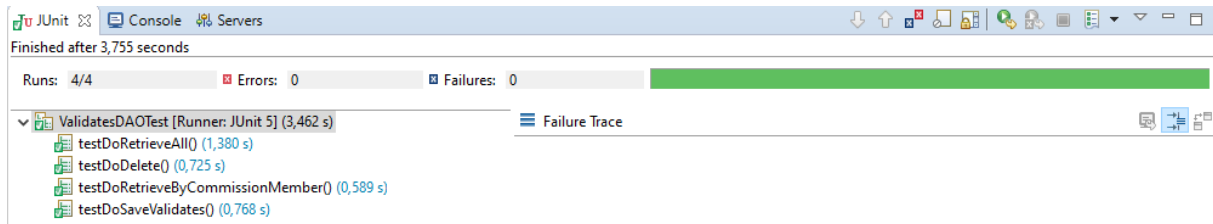


3.2.19 Classe ValidatesBean

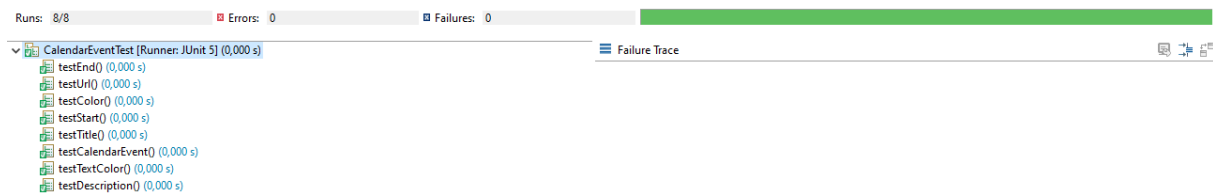




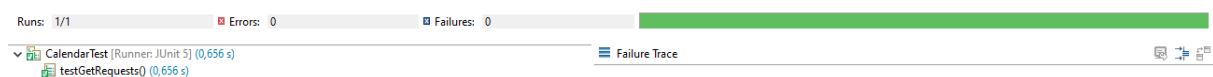
3.2.20 Classe ValidatesDAO



3.2.21 Classe CalendarEvent



3.2.22 Classe Calendar



3.3 Coverage

3.3.1 Coverage Bean

▼ project.Model		17,8 %	867	4.000	4.867
> ActivityTutorDAO.java		0,0 %	0	673	673
> AppointmentDAO.java		0,0 %	0	482	482
> ContainedInDAO.java		0,0 %	0	238	238
> ManagesDAO.java		0,0 %	0	80	80
> RegisterDAO.java		0,0 %	0	211	211
> StudentDAO.java		0,0 %	0	342	342
> TutorDAO.java		0,0 %	0	690	690
> UserDAO.java		0,0 %	0	243	243
> ValidatesDAO.java		0,0 %	0	256	256
> RequestDAO.java		9,2 %	80	785	865
> ActivityTutorBean.java		100,0 %	139	0	139
> AppointmentBean.java		100,0 %	58	0	58
> Calendar.java		100,0 %	28	0	28
> CalendarEvent.java		100,0 %	73	0	73
> ContainedInBean.java		100,0 %	32	0	32
> ManagesBean.java		100,0 %	32	0	32
> RegisterBean.java		100,0 %	71	0	71
> RequestBean.java		100,0 %	100	0	100
> StudentBean.java		100,0 %	27	0	27
> TutorBean.java		100,0 %	85	0	85
> UserBean.java		100,0 %	110	0	110
> ValidatesBean.java		100,0 %	32	0	32
> project.Control		58,8 %	77	54	131
> project.Test.Bean		100,0 %	2.015	0	2.015

3.4.2 Coverage DAO

▼ project.Model		92,3 %	4.492	375	4.867
> Calendar.java		0,0 %	0	28	28
> CalendarEvent.java		0,0 %	0	73	73
> ValidatesBean.java		75,0 %	24	8	32
> ContainedInBean.java		87,5 %	28	4	32
> RequestDAO.java		89,2 %	772	93	865
> UserDAO.java		91,8 %	223	20	243
> ValidatesDAO.java		93,0 %	238	18	256
> TutorDAO.java		93,3 %	644	46	690
> ActivityTutorDAO.java		94,4 %	635	38	673
> StudentDAO.java		94,4 %	323	19	342
> AppointmentDAO.java		95,9 %	462	20	482
> TutorBean.java		96,5 %	82	3	85
> RegisterDAO.java		98,6 %	208	3	211
> ContainedInDAO.java		99,2 %	236	2	238
> ActivityTutorBean.java		100,0 %	139	0	139
> AppointmentBean.java		100,0 %	58	0	58
> ManagesBean.java		100,0 %	32	0	32
> ManagesDAO.java		100,0 %	80	0	80
> RegisterBean.java		100,0 %	71	0	71
> RequestBean.java		100,0 %	100	0	100
> StudentBean.java		100,0 %	27	0	27
> UserBean.java		100,0 %	110	0	110
> project.Test.DAO		100,0 %	1.091	0	1.091

4. Conclusioni e raccomandazioni

I risultati ottenuti mostrano che non ci sono errori. Si può passare quindi alla fase di testing successiva, il testing del layer Control.