

Software Engineering 10636312

Software Project

<u>Sakancom</u>

Dr. Haya Samna

Student :

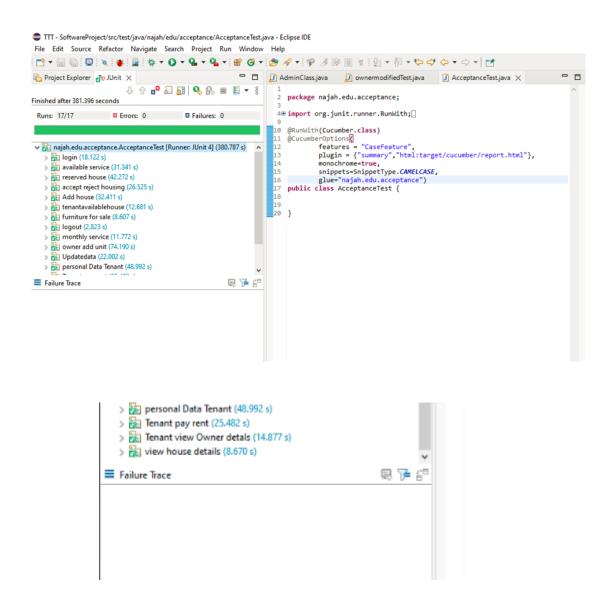
Areej Sawalha 12028958

Baraa Shelbaya 12028169

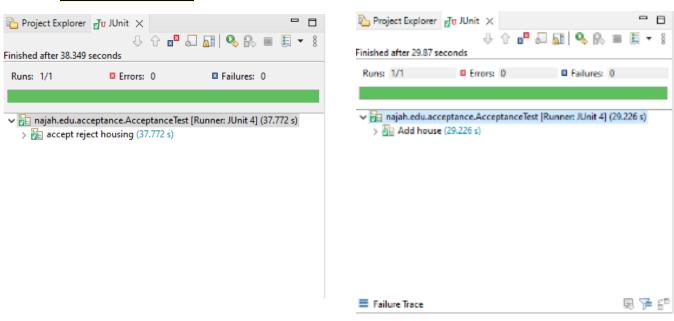
The result:

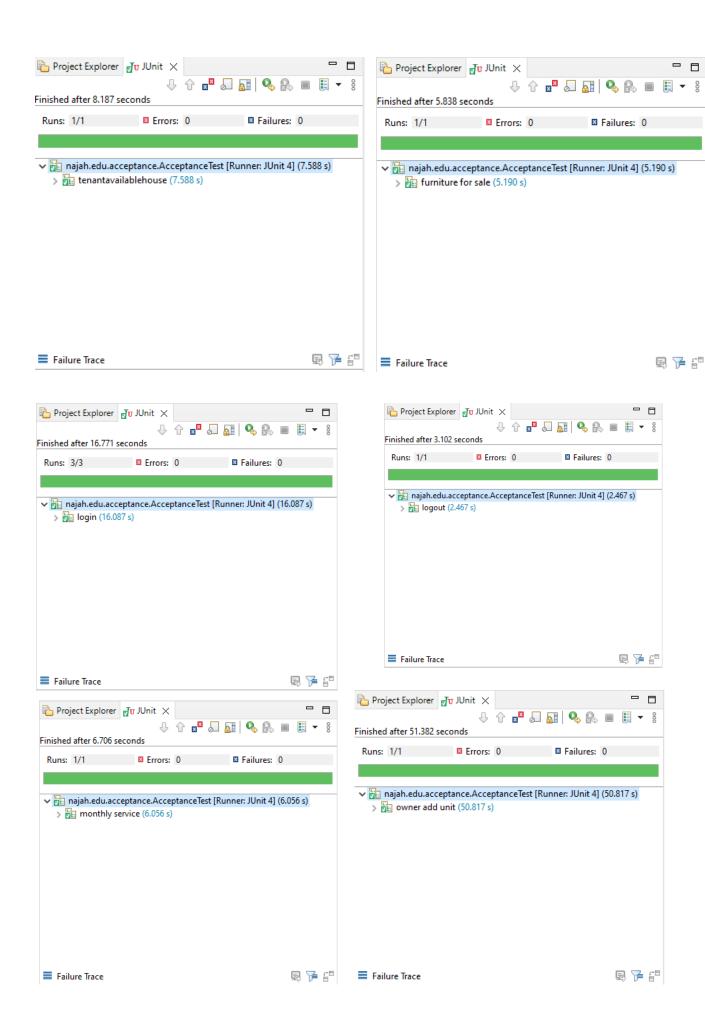
- - accept-reject-housing.feature
 - addhouse.feature
 - availablehouseTen.feature
 - furnituresale.feature
 - 🖀 Login.feature
 - 🥵 logout.feature
 - monthlyrent.feature
 - nowneraddunit.feature
 - nownermodefide.feature
 - Serviceavailable.feature
 - 🥵 showpersonaldataTenant.feature
 - tenantpayrent.feature
 - TenantReservied.feature
 - tenantviewownerdetels.feature
 - 🥵 viewhosuse.feature

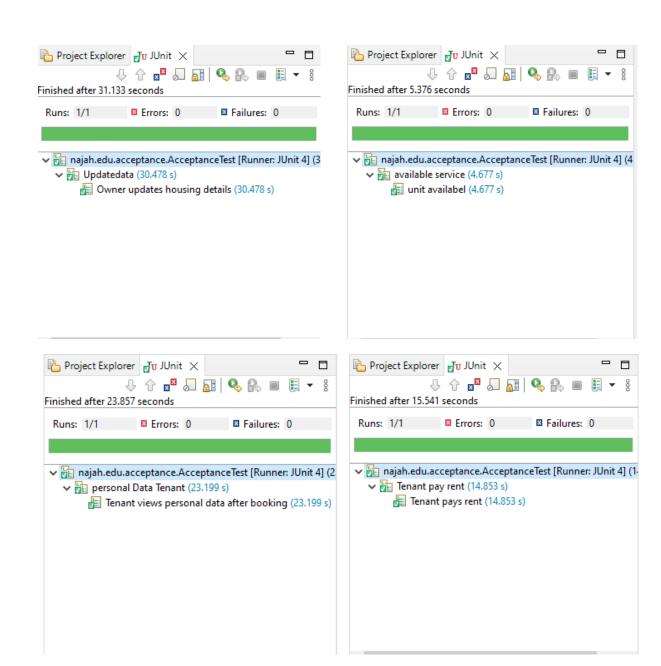
 - > 🔝 acceptrejecthousing.java
 - > AdminAddhouseTest.java
 - > 🔃 furnituresaleTest.java
 - > 🕖 LoginTest.java
 - > 🔎 logoutTest.java
 - > 🕖 monthlyrentTest.java
 - > 🕖 owneraddhouseTest.java
 - > 🕖 ownermodifiedTest.java
 - > 🔎 personaldatatenantTest.java
 - > 🔊 Serviceavailable.java
 - > 🕖 TenantpayrentTest.java
 - > 🚺 tenantviewavailablehouse.java
 - > 🔝 tenantviewownerdetalsTest.java
 - > II TenentReserviedTest.java
 - > 🕖 viewhouseTest.java

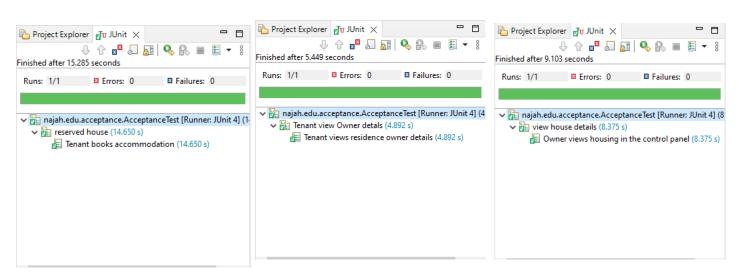


Test Feature:









In our project we made a 15 features
The system includes 3 menus:

1) Administrator:

requests for advertisement of housing and the ability to accept and reject it and add and advertise housing units through the system

2) owners:

The owner can add a house and he can also modify the house information The owner can determine the information of the house, is it available, does it contain electricity and water, determines the rent, and shows pictures of the house, and it can do many things related to the house, as it is responsible. The system that was designed is that there is a building that contains a unit inside it. The owner can determine the characteristics of the unit, the number of rooms, the price, and others. The owner has personal information to contact him in case of booking the house.

3) *tenants*

The tenant can see the available units he can also see the characteristics of the house that he will rent, for example, its price, the number of rooms, and so on he can book the house he wants, and the payment is done. After booking, the tenant can see the characteristics and information of the owner responsible for the unit. After booking, the tenant can see the information he booked and the data he entered. In the event that the tenant has furniture, it can be displayed in case someone wants to buy it.

The work was divided equally between us until we reached this result of the project.

Areej Sawalha:

- 1)Accept-reject-housing
- 2)login and logout
- 3) furniture's Sale
- 4)monthly rent
- 5)Service available
- 6) add house
- 7) view personal information Owner

Baraa Shelbaya:

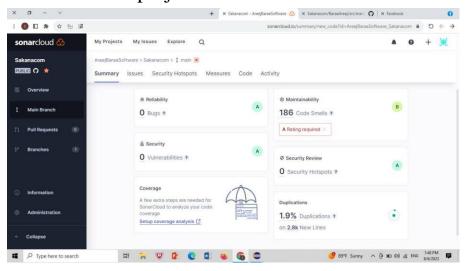
- 1)owner modified house
- 2)owner add unit in the house
- 3) view house
- 4)Tenant Reserved
- 5) view personal information Tenant
- 6) pay Rent
- 7) available house

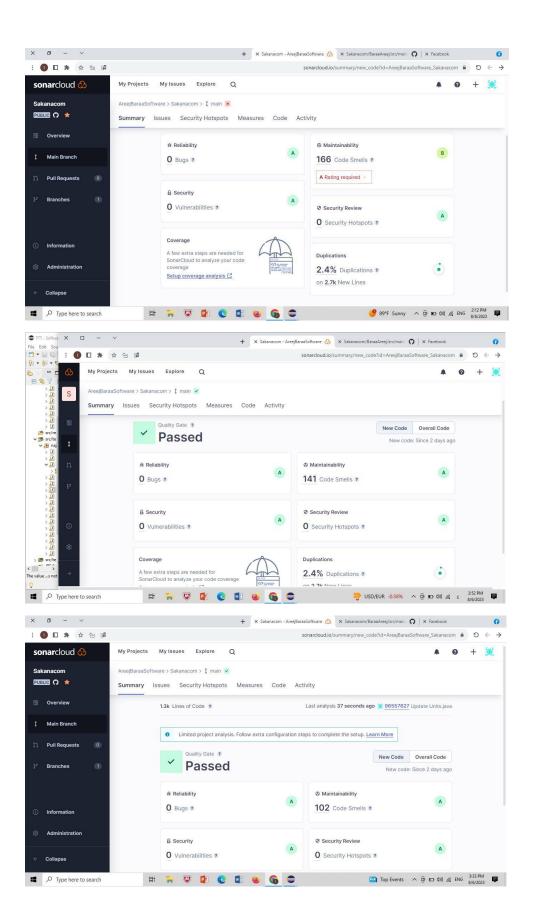
We created a brand-new organization on GitHub with the intention of moving our repository there. We have incorporated Sonar Cloud into our company to run a complete set of rules encompassing numerous elements of code, such as maintainability, dependability, and security, in order to guarantee the quality and integrity of our code. With the help of this integration, we can automatically check our code for compliance with these standards for every pull request, enhancing the overall quality and security of our codebase.

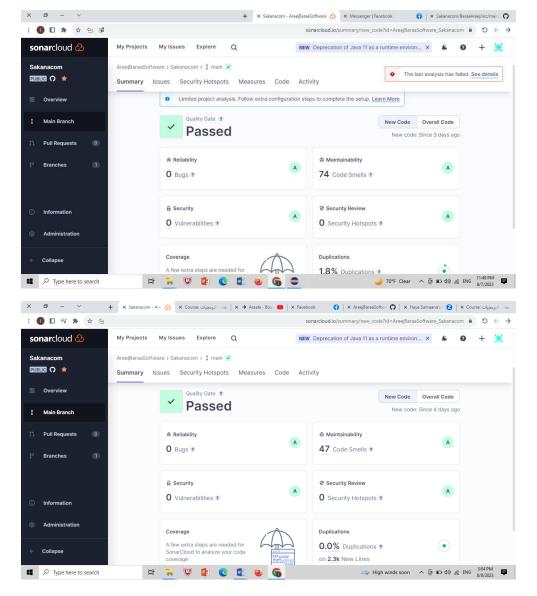
In the first analysis:



Then, in order to reduce the amount of code smells, we refactored our project.







Some example for things we refactored:

1) System.Out.println(" "); convert it to LOGGER.log(Level.INFO," ");

Result:

Duplicate in code

2)

Because the dash was repeated more than once, we solved the duplex in this way

3) Delete the comments because it gives code smells

```
// to view unit
public void viewunit() {

    for (Units Unitlist : unit ) {
        LOGGER.log(Level.INFO, "unitnumber: {0}", Unitlist.getUnitNumber()+" ");

public void viewunit() {

    for (Units Unitlist : unit ) {

        LOGGER.log(Level.INFO, "unitnumber: {0}", Unitlist.getUnitNumber()+" ");
}
```

4) Convert array list to protected or private final static (array list in public is code smell)

```
public ArrayList <TenantClass> Tenant= new ArrayList<TenantClass>();
```

```
private final static List <TenantClass> Tenant= new ArrayList<TenantClass>();
```

5) Convert type variable

```
public static String name;
public static String phone;
public static String location;

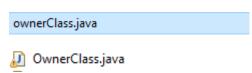
private static String name;
private static String phone;
private static String location;
```

6) Convert declaration flag

```
public static Boolean owneraddhouse ;
public static Boolean flagepicture;

private static boolean owneraddhouse =false ;
static boolean flagepicture=false;
```

7) Also, naming problems for classes and variables have been solved according to the rules



Coverage:

After we test our project from test cases, main sources the coverage of code is 91.0

nent	Co	overage	Covered Instructio	Missed Instructio	ns Total In	structions	
🛂 SoftwareProject		91.0 %	2,843	2	282	3,125	
✓ 😕 src/main/java		88.4 %	1,753	2	229	1,982	
✓ ⊕ najah.edu.acceptance		88.4 %	1,753	2	229	1,982	
> / LoginSteps.java		66.7 %	220	1	110	330	
> 🚺 Units.java	=	88.7 %	228		29	257	
> 🚺 User.java		0.0 %	0		21	21	
> Reservation.java	_	94.2 %	277		17	294	
>	•	87.7 %	107		15	122	
>		82.2 %	60		13	73	
> OwnerClass.java		78.0 %	39		11	50	
> 1 TenantClass.java		0.0 %	0		8	8	
> Main.java		96.3 %	104		4	108	
> AdminClass.java		99.9 %	718		1	719	
src/test/java		95.4 %	1,090		53	1,143	
-	_						
✓		95.4 %	1,090		53	1,143	
> D Login.java		93.0 %	66		5	71	
> acceptrejecthousing.java		95.1 %	78		4	82	
> AdminAddhouse.java		95.1 %	78		4	82	
> D Logout,java	_	93.2 %	55		4	59	
> AcceptanceTest.java		0.0 %	0		3	3	
> I Furnituresale.java		95.5 %	63		3	66	
> Monthlyrent.java		95.5 %	63		3	66	
> 🚺 Owneraddhouse.java		96.8 %	92		3	95	
> 🚺 Ownermodified.java	_	96.6 %	85		3	88	
> 🚺 Personaldatatenant.java		96.3 %	79		3	82	
> D Serviceavailable.java		95.7 %	67		3	70	
					2	78	
Tenantpayrent.java Tenantpiguvvailablohous F-SoftwareProject/src/test/java/najah/edu/accep Edit Source Refactor Navigate Search P	tance/AcceptanceTest.java - E roject Run Window Hel	,	75		3	70	- 0
- SoftwareProject/src/test/java/najah/edu/accep Edit Source Refactor Navigate Search Pr	tance/AcceptanceTest.java - E roject Run Window Hel	os o ∘/	70	·♥♂◆◆▼	2		۹ :
- SoftwareProject/src/test/java/najah/edu/accepdidit Source Refactor Navigate Search Project Explorer	tance/AcceptanceTest.java - E roject Run Window Hel	os o o⁄ iclipse IDE o o⁄ o⁄ × □ ⊕	70 1	· ႏ> 😅 💠 •	2		
- SoftwareProject/src/test/java/najah/edu/accepdit Source Refactor Navigate Search Program in the control of th	tance/AcceptanceTest.java - E roject Run Window Hel • • • • • • • • • • • • • • • • • •	os o o⁄ iclipse IDE o o⁄ o⁄ × □ ⊕	70		2		۹ :
- SoftwareProject/src/test/java/najah/edu/accepdit Source Refactor Navigate Search Planting of the Source Refactor Navigate Se	tance/AcceptanceTest.java - troject Run Window Hell • • • • • • • • • • • • • • • • • •	os o o⁄ iclipse IDE o o⁄ o⁄ × □ ⊕	7/	Covered Instructio 2,843	Missed Instructions	Total Instructions 3,125	۹ :
- SoftwareProject/src/test/java/najah/edu/accepdit Source Refactor Navigate Search Planting of the Source Explorer Ju JUnit X	tance/AcceptanceTest.java - Eroject Run Window Hell Coverage Cove	iclipse IDE o ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓	Coverage 91.0 % 88.4 %	Covered Instructio 2,843 1,753	Missed Instructions 282 229	Total Instructions 3,125 1,992	۹ :
- SoftwareProject/src/test/java/najah/edu/accep Edit Source Refactor Navigate Search Pr	tance/AcceptanceTest.java - Eroject Run Window Hell Coverage AcceptanceTest (Aug 8, 2023 Element SoftwareProject By SoftwareProject By By SoftwareProject By B	as a ∞ sclipse IDE o	7/	Covered Instructio 2,843 1,753 1,753	Missed Instructions	Total Instructions 3,125	۹ :
- SoftwareProject/src/test/java/najah/edu/accepdidt Source Refactor Navigate Search Programmer Search	tance/AcceptanceTest.java - troject Run Window Hel, The War Street Coverage AcceptanceTest (Aug 8, 2023 Element Elemen	as a ∞ sclipse IDE o	Coverage 91.0 % 88.4 % 88.4 % 66.7 % 88.7 %	Covered Instructio 2,843 1,753 1,753 220 228	Missed Instructions 282 229 229 110 29	Total Instructions 3,125 1,982 1,982 330 257	۹ :
- SoftwareProject/src/test/java/najah/edu/accepdit Source Refactor Navigate Search Programme of the programm	tance/AcceptanceTest.java - troject Run Window Hell Coverage Cove	iclipse IDE	Coverage 91.0 % 88.4 % 66.7 % 88.7 % 0.0 %	Covered Instructio 2,843 1,753 1,753 220 228 0	Missed Instructions 282 229 229 110 29 21	Total Instructions 3,125 1,982 1,982 330 257 21	۹ :
- SoftwareProject/src/test/java/najah/edu/accepdidt Source Refactor Navigate Search Programmer Search	tance/AcceptanceTest.java - troject Run Window Hel, The War Street Coverage AcceptanceTest (Aug 8, 2023 Element Elemen	iclipse IDE	Coverage 91.0 % 88.4 % 88.4 % 66.7 % 88.7 %	Covered Instructio 2,843 1,753 1,753 220 228 0 277	Missed Instructions 282 229 229 110 29	Total Instructions 3,125 1,982 1,982 330 257	۹ :
- SoftwareProject/src/test/java/najah/edu/accepdit Source Refactor Navigate Search Programme of the programm	tance/AcceptanceTest.java - Eroject Run Window Hell Coverage AcceptanceTest (Aug 8, 2023 Element AcceptanceTest (Aug 8,	iclipse IDE	Coverage 91.0 % 88.4 % 66.7 % 0.0 % 94.2 % 187.7 % 182.2 % 182.2 %	Covered Instructio 2,843 1,753 1,753 220 228 0 277 107 60	Missed Instructions 282 229 229 110 29 21 177 15 13	Total Instructions 3,125 1,982 330 257 21 294 122 73	۹ :
- SoftwareProject/src/test/java/najah/edu/accepdit Source Refactor Navigate Search Programme of the programm	tance/AcceptanceTest.java - Eroject Run Window Hell Coverage AcceptanceTest (Aug 8, 2023 Element Seft src/main/java I LoginSteps J Units.java J User.java J Reservation J HousingAd J HousingAd J OwnerClass	iclipse IDE	Coverage 91.0 % 88.4 % 66.7 % 88.7 % 0.0 % 94.2 % 87.7 % 1 82.2 % 1 78.0 %	Covered Instructio 2,843 1,753 1,753 220 228 0 277 107 60 39	Missed Instructions 282 229 110 29 21 17 15 13 11	Total Instructions 3,125 1,982 1,982 330 257 21 294 122 73 50	۹ :
- SoftwareProject/src/test/java/najah/edu/accepdit Source Refactor Navigate Search Programme of the programm	tance/AcceptanceTest.java - Eroject Run Window Hell Coverage AcceptanceTest (Aug 8, 2023 Element AcceptanceTest (Aug 8,	iclipse IDE	Coverage 91.0 % 88.4 % 66.7 % 0.0 % 94.2 % 187.7 % 182.2 % 182.2 %	Covered Instructio 2,843 1,753 220 228 0 277 107 60 399 0	Missed Instructions 282 229 229 110 29 21 177 15 13	Total Instructions 3,125 1,982 330 257 21 294 122 73	۹ :
- SoftwareProject/src/test/java/najah/edu/accepdit Source Refactor Navigate Search Programme of the programm	tance/AcceptanceTest.java - Eroject Run Window Hell Coverage AcceptanceTest (Aug 8, 2023 Element Set SoftwareProject Set SoftwarePro	iclipse IDE	Coverage = 91.0 % = 88.4 % = 66.7 % = 88.7 % = 0.0 % = 94.2 % = 78.0 % = 0.0 % = 99.9 %	Covered Instructio 2,843 1,753 1,753 220 228 0 277 107 60 39 0 0 104 718	Missed Instructions 282 229 210 29 21 17 15 13 11 8 4 1 1	Total Instructions 3,125 1,982 1,982 330 257 21 294 122 73 50 8 108 719	۹ :
- SoftwareProject/src/test/java/najah/edu/accepdidt Source Refactor Navigate Search Programmer Search	tance/AcceptanceTest.java - Eroject Run Window Hell Coverage AcceptanceTest (Aug 8, 2023 Element SoftwareProject Majah.edu.acc J LogijnSteps J Units.java J User.java Reservation J FurnitureCl J Main.java J Main.java J Adminfolas	cclipse IDE 2 2:54:59 PM) eptance java i.java ss.java s.java s.java	Coverage 91.0 % 98.4 % 88.4 % 66.7 % 0.0 % 94.2 % 87.7 % 1 82.2 % 1 78.0 % 0.0 % 99.9 % 99.9 %	Covered Instructio 2,843 1,753 1,753 220 228 0 277 107 60 39 0 104 718 1,090	Missed Instructions 282 229 210 29 21 17 15 13 11 8 4 1 53	Total Instructions 3,125 1,982 1,982 330 257 21 294 122 73 50 8 108 719 1,143	۹ :
- SoftwareProject/src/test/java/najah/edu/accepdidt Source Refactor Navigate Search Programmer Search	tance/AcceptanceTest.java - Eroject Run Window Hell Coverage AcceptanceTest (Aug 8, 2023 Element SoftwareProject Majah.edu.acc J LoginSteps J Untri.java J Reservation J FurnitureCl J HousingAd Majaya J AdminClas Majaya	cclipse IDE 2 2:54:59 PM) eptance java i.java ss.java s.java s.java	Coverage = 91.0 % = 88.4 % = 66.7 % = 88.7 % = 0.0 % = 94.2 % = 78.0 % = 0.0 % = 99.9 %	Covered Instructio 2,843 1,753 220 228 0 0 277 107 60 399 0 104 718 1,090 1,090 1,090	Missed Instructions 282 229 210 29 21 17 15 13 11 8 4 1 1	Total Instructions 3,125 1,982 1,982 330 257 21 294 122 73 50 8 108 719	۹ :
- SoftwareProject/src/test/java/najah/edu/accepdidt Source Refactor Navigate Search Programmer Search	tance/AcceptanceTest.java - Eroject Run Window Hell Coverage AcceptanceTest (Aug 8, 2023 Element SoftwareProject Missing SoftwareProject Missi	cclipse IDE	Coverage	Covered Instructio 2,843 1,753 1,753 220 228 0 277 107 660 39 0 1044 718 1,090 1,090 666 78	Missed Instructions 282 229 210 29 21 17 15 13 11 8 4 1 53 53 54	Total Instructions 3,125 1,982 1,982 330 257 21 294 122 73 50 8 108 719 1,143 1,143 71	۹ :
- SoftwareProject/src/test/java/najah/edu/acceptdit Source Refactor Navigate Search Project Explorer gru JUnit X	tance/AcceptanceTest.java - Eroject Run Window Hell Coverage AcceptanceTest (Aug 8, 2023 Element SoftwareProject Majah.edu.acc J LoginSteps J Ustri,java J User.java Main,java HousingAd MomerClas Main,java Main,java Main,java Main,java Login,java Login,java AdminAdd	ciclipse IDE	Coverage 91.0 % 88.4 % 88.4 % 66.7 % 0.0 % 94.2 % 1 78.0 % 1 96.3 % 99.9 % 95.4 % 95.4 % 95.1 %	Covered Instructio 2,843 1,753 1,753 220 228 0 0 277 107 60 399 0 104 718 1,090 1,090 66 78 78 78	Missed Instructions 282 229 229 110 29 21 17 15 13 11 8 4 1 53 53 5 4 4 4 4	Total Instructions 3,125 1,982 1,982 330 257 21 294 122 73 50 8 108 719 1,143 1,143 71 82 82	۹ :
- SoftwareProject/src/test/java/najah/edu/acceptdit Source Refactor Navigate Search Project Explorer gru JUnit X	tance/AcceptanceTest.java - Eroject Run Window Hell Coverage AcceptanceTest (Aug 8, 2023 Element Coverage AcceptanceToject Coverage Coverage AcceptanceToject Coverage AcceptanceToject Coverage Co	ciclipse IDE	Coverage 91.0 % 88.4 % 88.4 % 66.7 % 88.7 % 0.0 % 94.2 % 78.0 % 99.9 % 99.5 4 % 95.1 % 95.1 % 95.1 % 93.2 % 93.2 %	Covered Instructio 2,843 1,753 1,753 220 228 0 0 277 107 60 39 9 0 104 718 1,090 1,090 666 78 78 55	Missed Instructions 282 229 229 110 29 21 177 15 13 11 8 4 4 1 1 53 55 55 4 4 4 4 4 4	Total Instructions 3,125 1,982 1,982 330 257 21 294 122 73 50 8 108 719 1,143 71 82 82 82	۹ :
- SoftwareProject/src/test/java/najah/edu/acceptdit Source Refactor Navigate Search Project Explorer gru JUnit X	tance/AcceptanceTest.java - Eroject Run Window Help Coverage AcceptanceTest (Aug 8, 2023 Element Coverage AcceptanceTest (Aug 8, 2023 Element Coverage Alement Class Alement Class Adminctals Acceptance Acceptan	cclipse IDE	Coverage 91.0 % 88.4 % 88.4 % 66.7 % 0.0 % 94.2 % 1 78.0 % 0.0 % 95.3 % 99.9 % 95.4 % 95.4 % 95.1 % 95.1 % 95.1 % 95.5 %	Covered Instructio 2,843 1,753 1,753 220 228 0 277 107 60 39 0 104 718 1,090 1,090 66 78 78 55 0 63	Missed Instructions 282 229 229 110 29 21 17 15 13 111 8 4 4 153 53 54 4 4 4 3 3 3 3	Total Instructions 3,125 1,982 1,982 330 257 21 122 73 50 8 108 719 1,143 1,143 71 82 82 99 3 3 66	۹ :
- SoftwareProject/src/test/java/najah/edu/acceptedit Source Refactor Navigate Search Project Explorer _Tu JUnit X	tance/AcceptanceTest.java - Eroject Run Window Hell Coverage AcceptanceTest (Aug 8, 2023 Element SoftwareProject SoftwareP	ciclipse IDE co co co co co co co co co c	Coverage 91.0 % 88.4 % 88.4 % 66.7 % 10.0 % 17.1 % 12.2 % 17.1 % 19.2 % 19.3 % 19.5 %	Covered Instructio 2,843 1,753 1,753 220 228 0 0 277 107 60 39 9 0 1,090 1,090 66 78 78 55 0 63 63 63 63 63 1,753 1,755	Missed Instructions 282 229 229 110 29 21 17 15 13 11 8 4 4 1 15 53 53 5 4 4 4 4 3 3 3 3 3 3 3 3	Total Instructions 3,125 1,982 1,982 330 257 21 294 1122 73 50 8 108 719 1,143 711 82 82 59 3 66 66 66	۹ :
- SoftwareProject/src/test/java/najah/edu/acceptedit Source Refactor Navigate Search Project Explorer _Tu JUnit X	tance/AcceptanceTest.java - Eroject Run Window Hell Coverage AcceptanceTest (Aug 8, 2023 Element Set SoftwareProject Set SoftwarePro	cclipse IDE color of the color	Coverage 91.0 % 88.4 % 88.4 % 88.7 % 0.0 % 94.2 % 177.0 % 94.2 % 95.3 % 95.4 % 93.0 % 95.5 % 95.5 % 95.5 % 96.8 %	Covered Instructio 2,843 1,753 1,753 220 228 0 277 107 60 39 0 1104 718 1,090 1,090 666 78 78 78 78 555 0 63 63	Missed Instructions 282 229 229 1100 29 21 177 15 13 11 8 4 1 1 53 53 55 4 4 4 4 3 3 3 3 3 3 3 3 3 3 3	Total Instructions 3,125 1,982 1,982 330 257 21 294 1122 73 50 8 108 719 1,143 1,143 7,1 82 82 82 82 82 86 66 66 66	۹ :
- SoftwareProject/src/test/java/najah/edu/accep Edit Source Refactor Navigate Search Project Explorer	tance/AcceptanceTest.java - Eroject Run Window Hell Coverage AcceptanceTest (Aug 8, 2023 Element SoftwareProject SoftwareP	cclipse IDE	Coverage 91.0 % 88.4 % 88.4 % 66.7 % 188.7 % 0.0 % 94.2 % 187.7 % 0.0 % 95.3 % 99.9 % 95.4 % 95.4 % 95.1 % 95.5 % 95.5 % 96.8 % 96.6 %	Covered Instructio 2,843 1,753 1,753 220 228 0 277 107 60 0 39 0 1044 718 1,090 1,090 666 78 78 55 0 63 63 63 92 2 85	Missed Instructions 282 229 229 110 29 21 177 15 13 11 8 4 4 15 3 53 53 5 4 4 4 4 3 3 3 3 3 3 3 3 3 3	Total Instructions 3,125 1,982 1,982 330 257 21 294 1122 73 50 8 108 719 1,143 711 82 82 59 3 66 66 66	۹ :
- SoftwareProject/src/test/java/najah/edu/accep Edit Source Refactor Navigate Search Project Explorer	tance/AcceptanceTest.java - Eroject Run Window Hell Coverage AcceptanceTest (Aug 8, 2023 Element Coverage AcceptanceToject Coverage Acceptance Acceptance Acceptance Admin.java Acceptance Admin.java	ciclipse IDE compared to the	Coverage 91.0 % 88.4 % 88.4 % 86.7 % 0.0 % 94.2 % 17.7 % 18.7.7 % 19.3 % 95.3 % 99.9 % 95.4 % 95.1 % 95.1 % 95.1 % 95.5 % 96.8 % 96.6 % 96.3 % 99.9 %	Covered Instructio 2,843 1,753 1,753 220 228 0 0 277 107 60 39 9 0 1,090 1,090 66 78 78 55 0 63 63 63 63 62 85 79 67	Missed Instructions 282 229 229 1100 29 21 177 15 13 11 8 4 4 1 1 53 53 55 4 4 4 4 3 3 3 3 3 3 3 3 3 3 3	Total Instructions 3,125 1,982 1,982 330 257 21 294 122 73 50 8 108 719 1,143 7,1 82 82 82 99 3 66 66 95 88 82 70	۹ :
- SoftwareProject/src/test/java/najah/edu/accep Edit Source Refactor Navigate Search Project Explorer	tance/AcceptanceTest.java - Eroject Run Window Hell Coverage AcceptanceTest (Aug 8, 2023 Element SoftwareProject SoftwareP	cclipse IDE color of the color	Coverage 91.0 % 88.4 % 88.4 % 88.7 % 0.0 % 94.2 % 1 78.0 % 0.0 % 95.3 % 99.9 % 95.4 % 93.0 % 95.1 % 95.1 % 95.5 % 95.5 % 95.5 % 96.8 % 96.8 % 96.8 % 96.6 %	Covered Instructio 2,843 1,753 1,753 220 228 0 277 107 60 39 0 1044 718 1,090 1,090 666 78 78 78 55 0 63 63 63 63 63 92 85 79 76 76	Missed Instructions 282 229 229 110 29 21 17 15 13 11 8 4 1 53 53 53 4 4 4 3 3 3 3 3 3 3 3 3 3 3	Total Instructions 3,125 1,982 1,982 330 257 21 294 1122 73 50 8 108 719 1,143 1,143 1,143 71 82 82 82 95 3 66 66 66 66 66 95 88 88 82 70	۹ :
- SoftwareProject/src/test/java/najah/edu/acceptedit Source Refactor Navigate Search Project Explorer _Tu JUnit X	tance/AcceptanceTest.java - Eroject Run Window Help Coverage AcceptanceTest (Aug 8, 2023 Element SoftwareProject Missing Missing Missing SoftwareProject Missing Missing Missing Missing SoftwareProject Missing Missi	ciclipse IDE	Coverage 91.0 % 88.4 % 88.4 % 66.7 % 0.0 % 94.2 % 178.0 % 198.3 % 95.4 % 95.4 % 95.4 % 95.5 % 95.5 % 95.5 % 96.8 % 96.8 % 96.8 % 96.8 % 96.8 % 96.8 % 96.8 % 96.8 % 96.8 %	Covered Instructio 2,843 1,753 1,753 220 228 0 277 107 60 39 0 104 718 1,090 1,090 66 78 78 55 0 63 63 92 85 79 67 75 70 70	Missed Instructions 282 229 229 1100 29 21 177 15 13 11 8 4 4 1 1 53 53 55 4 4 4 4 3 3 3 3 3 3 3 3 3 3 3	Total Instructions 3,125 1,982 1,982 330 257 21 294 122 73 50 8 108 719 1,143 7,1 82 82 82 99 3 66 66 95 88 82 70	۹ :
- SoftwareProject/src/test/java/najah/edu/accep Edit Source Refactor Navigate Search Project Explorer	tance/AcceptanceTest.java - Eroject Run Window Hell Coverage AcceptanceTest (Aug 8, 2023 Element SoftwareProject SoftwareP	ciclipse IDE co ciclipse IDE ciclipse	Coverage 91.0 % 88.4 % 88.4 % 66.7 % 0.0 % 94.2 % 178.0 % 198.3 % 95.4 % 95.4 % 95.4 % 95.5 % 95.5 % 95.5 % 96.8 % 96.8 % 96.8 % 96.8 % 96.8 % 96.8 % 96.8 % 96.8 % 96.8 %	Covered Instructio 2,843 1,753 1,753 220 228 0 277 107 60 39 0 104 718 1,090 1,090 66 78 78 78 55 0 63 63 63 63 63 92 85 79 92 85 79 67 75	Missed Instructions 282 229 229 110 29 21 17 15 13 11 8 4 4 23 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	Total Instructions 3,125 1,982 1,982 330 257 21 294 122 73 50 8 108 719 1,143 1,143 71 82 82 92 99 3 66 66 95 88 82 70 78	۹ :

When we build project in Jenkins:

Finished: SUCCESS

