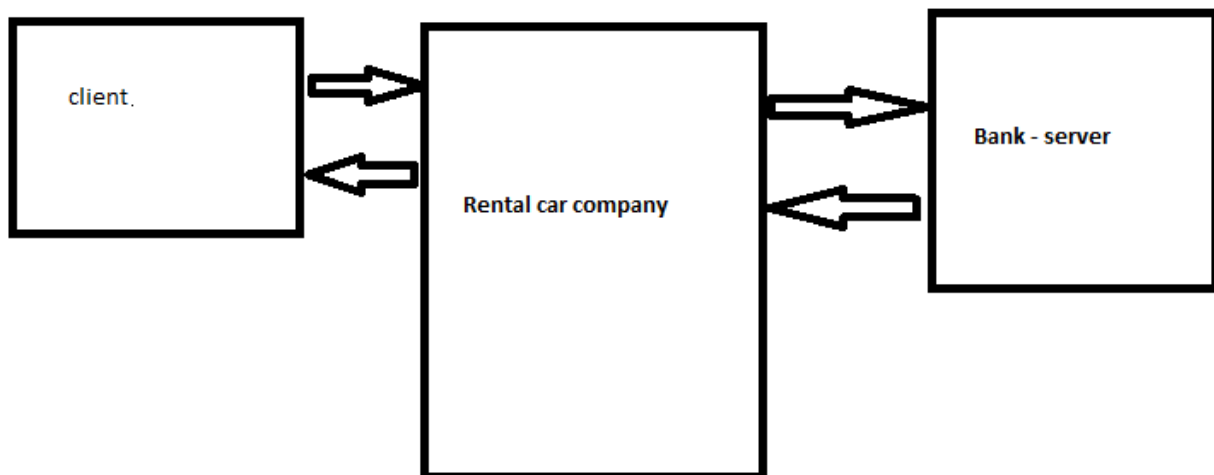


BRYLOPE – RENTAL CAR COMPANY

Design and steps to run the application






Design-

“Brylope Rentals” is a car rental company, in which the users can rent a car for ‘x’ hours and the rental charges are deducted from his linked bank account and finally the user will get the rental summary response from the car company as well his current account balance from his bank-server.



Steps to run the application-

1. Extract the winrar file HW_javaRMI.
2. Open the eclipse IDE, select file->import->General->Existing projects into workspace->click Next->browse the extracted HW_javaRMI folder->finish
3. All the files are imported, Compile and Run the following files-
 - a. src->com.server->RemoteServer.java (Rental car company server)
 - b. src->com.server2->server.java (Bank server)
 - c. **In-case of port-already in user error** : Change the port no's in the following files
 - i. src->com.interf->Const.java->change RMI_PORT to some random number(bounded to integer type).
4. Running the Client application :
 - a. src->com.client->Client.java
5. Run the Junit test cases in the source folder: Junit-Test ->testcases->ClientTester.java

Problems @ Javadoc Declaration Console      <terminated> Client (2) [Java Application] C:\Program Files\Java\jre7\bin\javaw.exe (Oct 1, 2014, 12:55:00 PM)

Welcome to Brylope Car Rentals Company !!!

Please Enter your Rentals Id (try bry123)

bry123

Welcome to Brylope Rentals

Name	Venkat
Age	25
BryId	bry123
Sex	Male
Insurance amount	2000
Bank account	123456
License Number	ILL123

Select your car-Type

- 1 - Cargo Van
2 - SUV
3 - Mini van
4 - Wagon

3

Please select a car for the selected model :Mini van

- 1 - Honda Odyssey
2 - Toyota Sienna
3 - Dodge Grand Caravan
4 - Mazda Mazda5
5 - Nissan Quest

4

How many hours you need our rented car - 'Mazda Mazda5' ?

4

Do you wanna book another car (same-model/time 20% discount)

Reply with Y/N (yes/no) (select 'y' for referential integrity)

y

Rental charges will be deducted automatically from your linked bank account

-----Rental cars

Response-----

Client-1 ID

bry123

Project Explorer JUnit

inished after 0.194 seconds

Runs: 6/6 Errors: 0 Failures: 0

testcases.ClientTester [Runner: JUnit 4] (0.181 s)

- testLogin (0.150 s)
- testDisplayCarModels (0.002 s)
- testDisplayCars (0.003 s)
- testBankDetails (0.010 s)
- testReferentialIntegrity (0.011 s)
- testRentalCost (0.004 s)

Failure Trace

RemoteServer.java Const.java BankInterface.java

```

1 package testcases;
2
3 //Testing all Remote method calls from client to s
4
5 import static org.junit.Assert.*;
6
7 public class ClientTester {
8
9     //Testing Remote method Login
10    @Test
11    public void testLogin() throws RemoteException {
12        Registry patreg = LocateRegistry.getRe
13        RemoteInterface remote = (RemoteInterf
14        ClientInfo cli= new ClientInfo();
15
16        cli.bryId = "bry123";
17        Map<String, String> userInfo = new Has
18        userInfo = remote.displayUserDetails(c
19        Map<String, String> testInfo = new Has
20        testInfo.put("Name", "Venkat");
21        testInfo.put("Age", "25");
22        testInfo.put("BryId", "bry123");
23        testInfo.put("Sex", "Male");
24        testInfo.put("Insurance amount", "2000
25        testInfo.put("Bank account", "123456")
26        testInfo.put("License Number", "ILL123
27
28        Set<String> values1 = new HashSet<Stri
29        Set<String> values2 = new HashSet<Stri
30
31        boolean equal = values1.equals(values2
32        if(equal) {
33            assertTrue(true);
34        }
35    }
36
37
38
39
40
41
42
43
44
45

```