UNIVERSITY OF THE ARMED FORCES – ESPE
WS37 - REVIEW PROJECT

Name: Joel Alexander Zeas Clavijo
Date: 24th February 2022
NRC: 7490
Career: Telecommunications

Inspector: T3: (TeamWorkBots) Leader: Andy Calderon
Team: T9 (No Leader Team) Leader: Zeas
Project: Catering Planner

41 TERAN FLORES MELANIE ELIZABETH
42 VILLEGAS ESTRELLA SALMA ABIGAIL
43 ZEAS CLAVIJO JOEL ALEXANDER

Modularity	9/10	(no controller package)
Clean code	9/10	(commented code)
MVC		8/10
One design pattern		0/10
Diagrams consistency		10/10
Unit tests		10/10
GUI navigability		10/10
GUI fields validation		9/10
Functionality		10/10
MongoDB		10/10
TOTAL		85 /100

Modularity

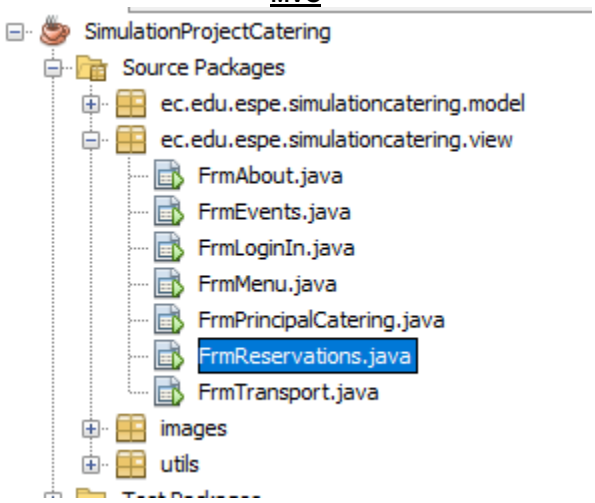
It is well distributed but missing controller package

Clean code

```
private void btnUpdateRActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    MongoCursor<Document> query = Reservation.find().iterator();

    int total = table.getRowCount();
    for (int i = 0; i < total; i++) {
        table.removeRow(0);
    }
    while (query.hasNext()) {
        ArrayList<Object> doc = new ArrayList<Object>(query.next().values());
        table.addRow(doc.toArray());
    }
}

private void txtPhoneKeyTyped(java.awt.event.KeyEvent evt) {
    if (evt.getKeyChar() >= '0' && evt.getKeyChar() <= '9') {

    } else {

        JOptionPane.showMessageDialog(this, "This field must be only filled with numbers, enter again");
        String space = "";
        char blankSpace = space.charAt(0);
        evt.setKeyChar(blankSpace);
    }
}
```

it has code on the buttons

MVC

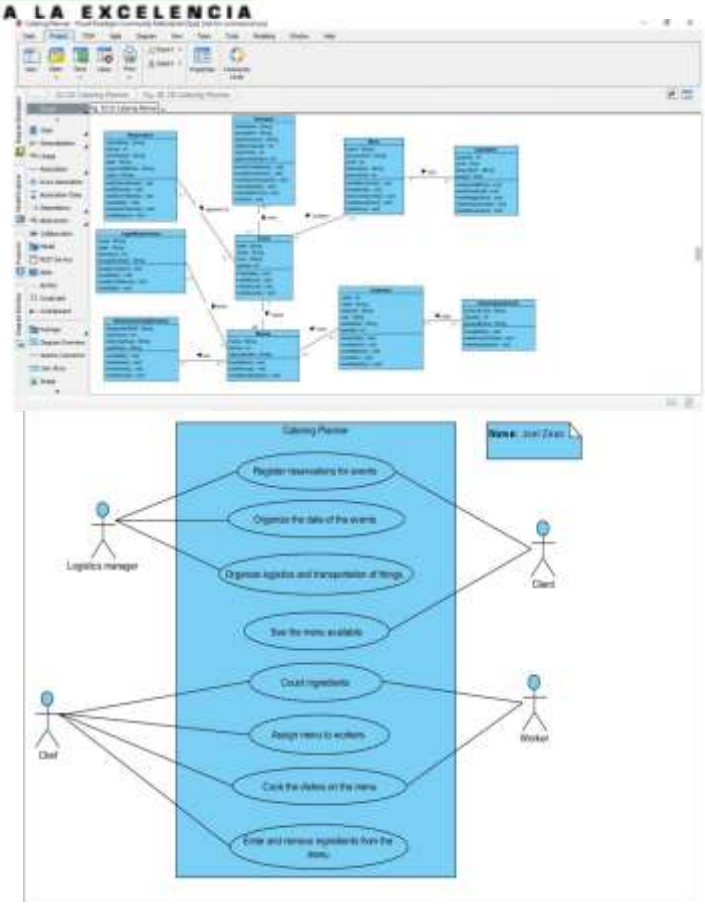


No controller package

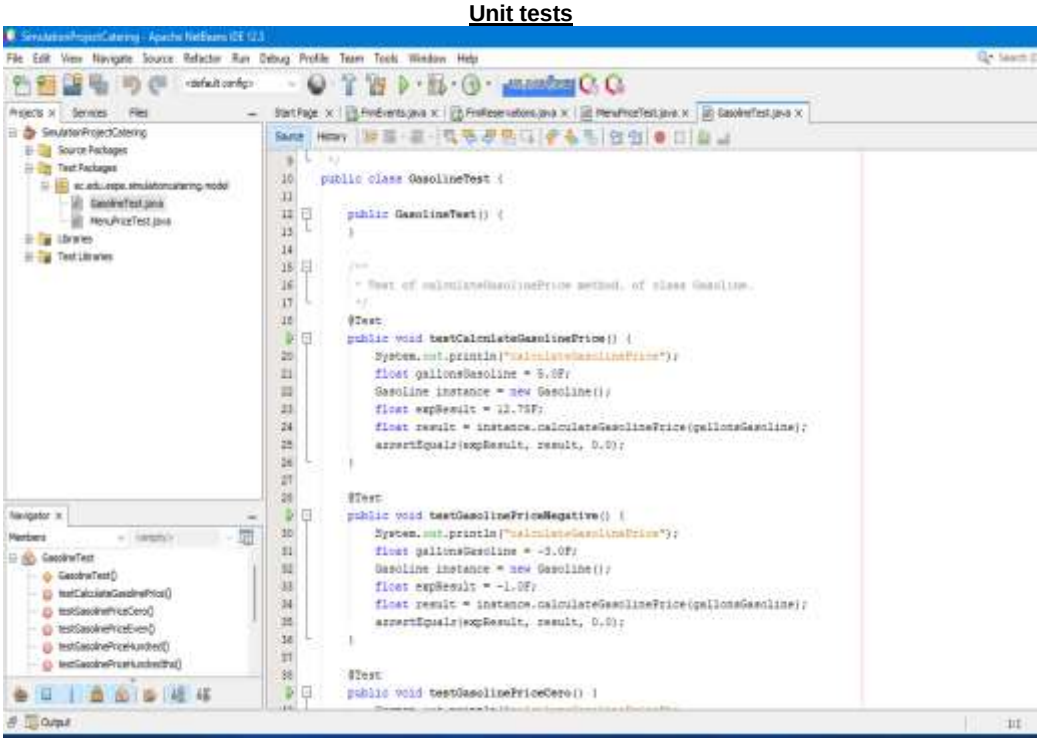
One design pattern

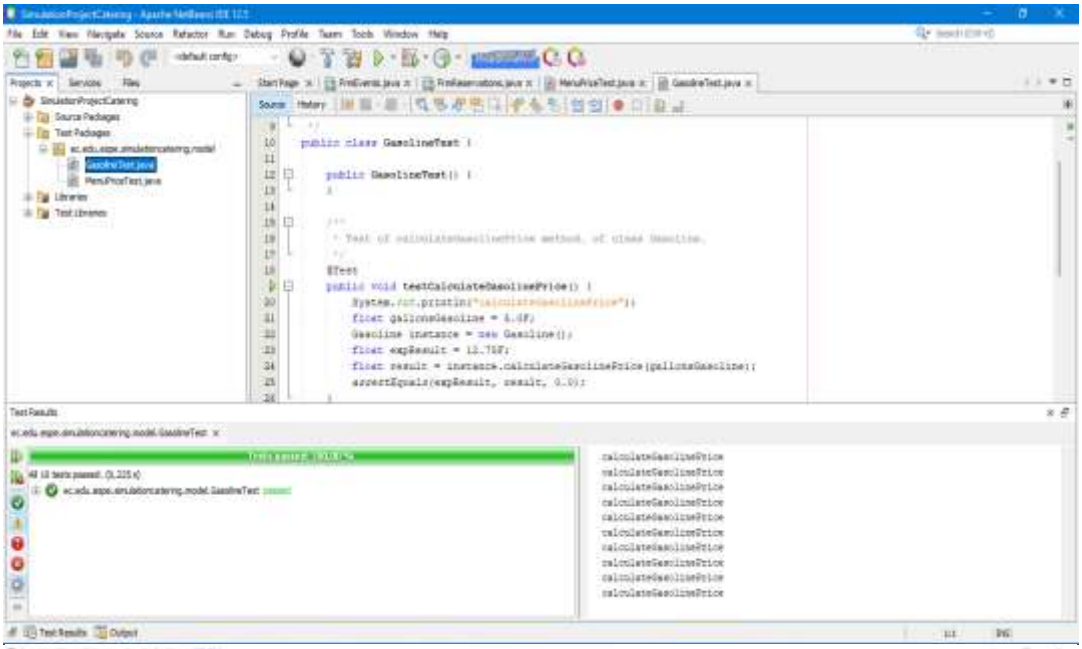
No exist

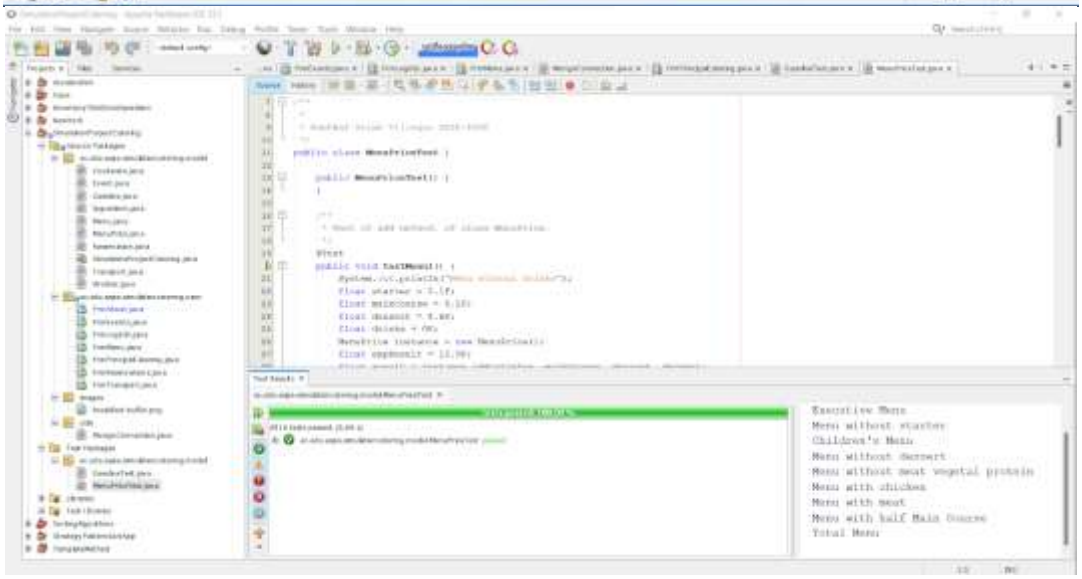
Diagrams consistency


Catering Planner
Logistics manager
Client
Chef
Worker
Register reservations for events
Organize the date of the events
Organize logistics and transportation of things
See the menu available
Count ingredients
Assign menu to workers
Cook the dishes on the menu
Enter and remove ingredients from the menu

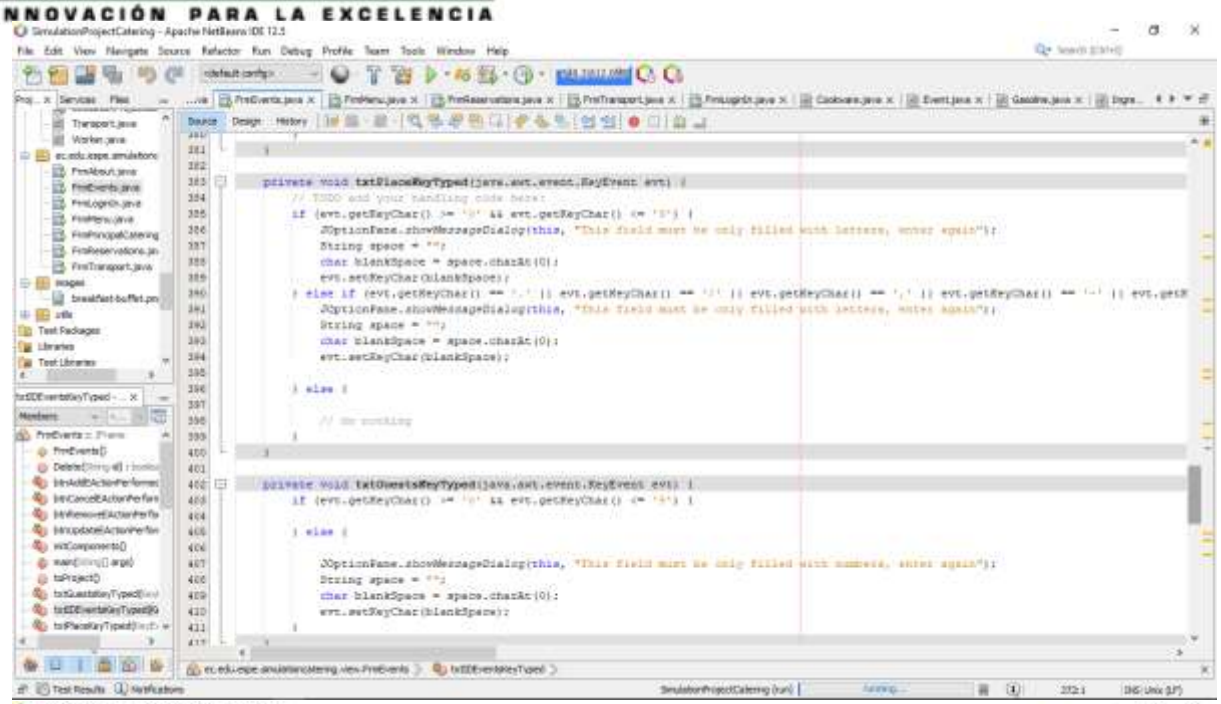
Unit tests

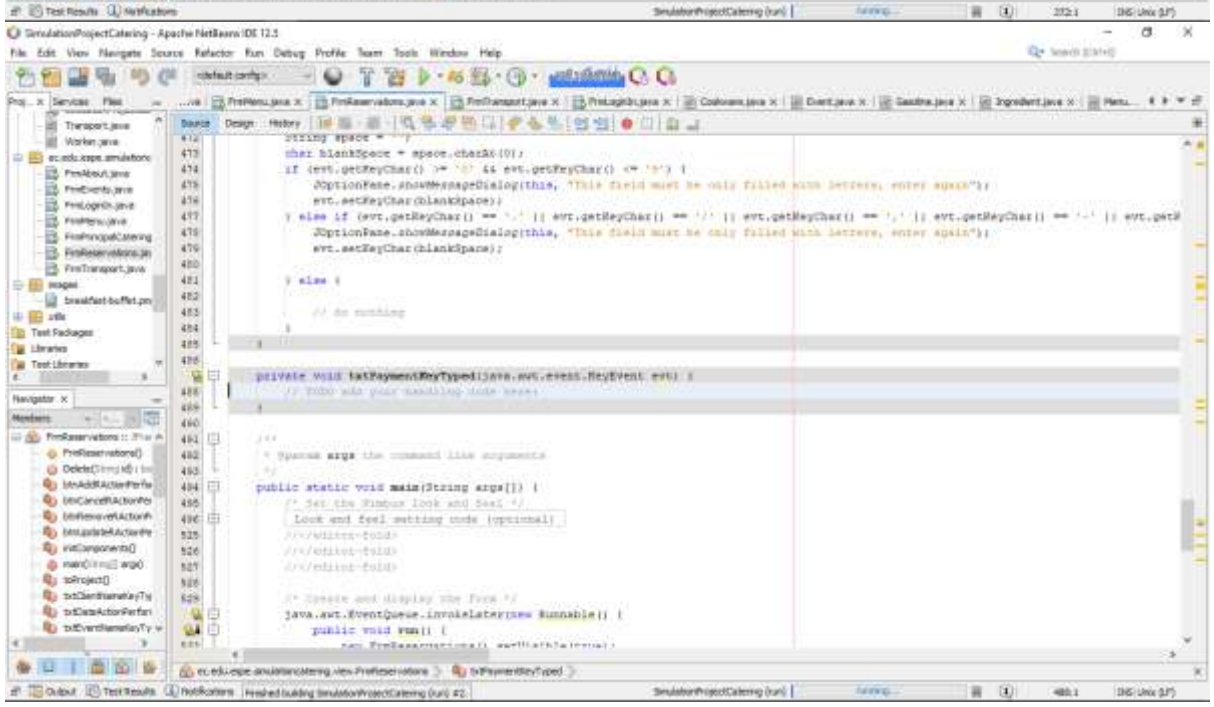

SimulationProjectCatering - Apache NetBeans IDE 12.3
File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help
Projects
Services
Files
SimulationProjectCatering
Source Packages
Test Packages
GasolineTest.java
MenuPriceTest.java
Libraries
Test Libraries
Start Page
FindEvents.java
FindReservations.java
MenuPriceTest.java
GasolineTest.java
Source
History
public class GasolineTest {
public GasolineTest() {
@Test
public void testCalculateGasolinePrice() {
System.out.println("calculateGasolinePrice");
float gallonsGasoline = 5.0F;
Gasoline instance = new Gasoline();
float expResult = 12.75F;
float result = instance.calculateGasolinePrice(gallonsGasoline);
assertEquals(expResult, result, 0.0);
@Test
public void testGasolinePriceNegative() {
System.out.println("calculateGasolinePrice");
float gallonsGasoline = -3.0F;
Gasoline instance = new Gasoline();
float expResult = -1.0F;
float result = instance.calculateGasolinePrice(gallonsGasoline);
assertEquals(expResult, result, 0.0);
@Test
public void testGasolinePriceCero() {
Navigator
Members
GasolineTest
GasolineTest()
testCalculateGasolinePrice()
testGasolinePriceCero()
testGasolinePriceEven()
testGasolinePriceHundred()
testGasolinePriceHundredTen()
Output

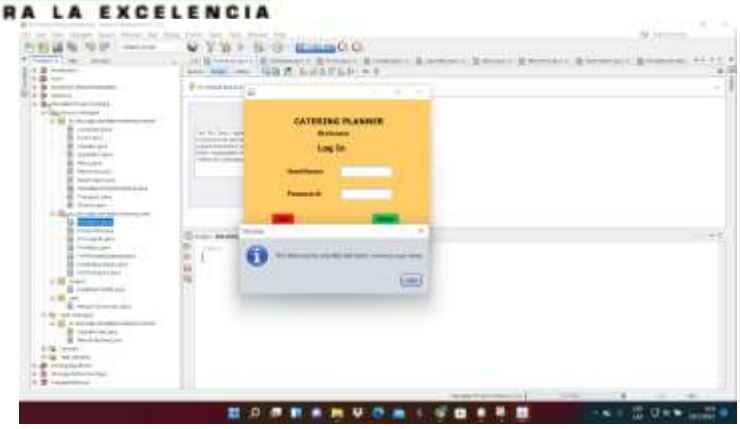




GUI fields validation


SimulationProjectCatering - Apache NetBeans IDE 12.5
File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help
FrmEvents.java
FrmMenu.java
FrmReservations.java
FrmTransport.java
FrmLogin.java
Cookware.java
Event.java
Gasoline.java
Ingredient.java
Source Design History
txtPlaceKeyTyped(java.awt.event.KeyEvent evt)
txtGuestsKeyTyped(java.awt.event.KeyEvent evt)
txtIDEventsKeyTyped(java.awt.event.KeyEvent evt)
txtPlaceKeyTyped(java.awt.event.KeyEvent evt)
Projects
Services
Files
Members
Navigator
Test Results
Notifications
Output


SimulationProjectCatering - Apache NetBeans IDE 12.5
File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help
FrmReservations.java
FrmMenu.java
FrmTransport.java
FrmLogin.java
Cookware.java
Event.java
Gasoline.java
Ingredient.java
Source Design History
txtPaymentKeyTyped(java.awt.event.KeyEvent evt)
public static void main(String args[])
java.awt.EventQueue.invokeLater(new Runnable()
public void run()
Projects
Services
Files
Navigator
Members
Output
Test Results
Notifications

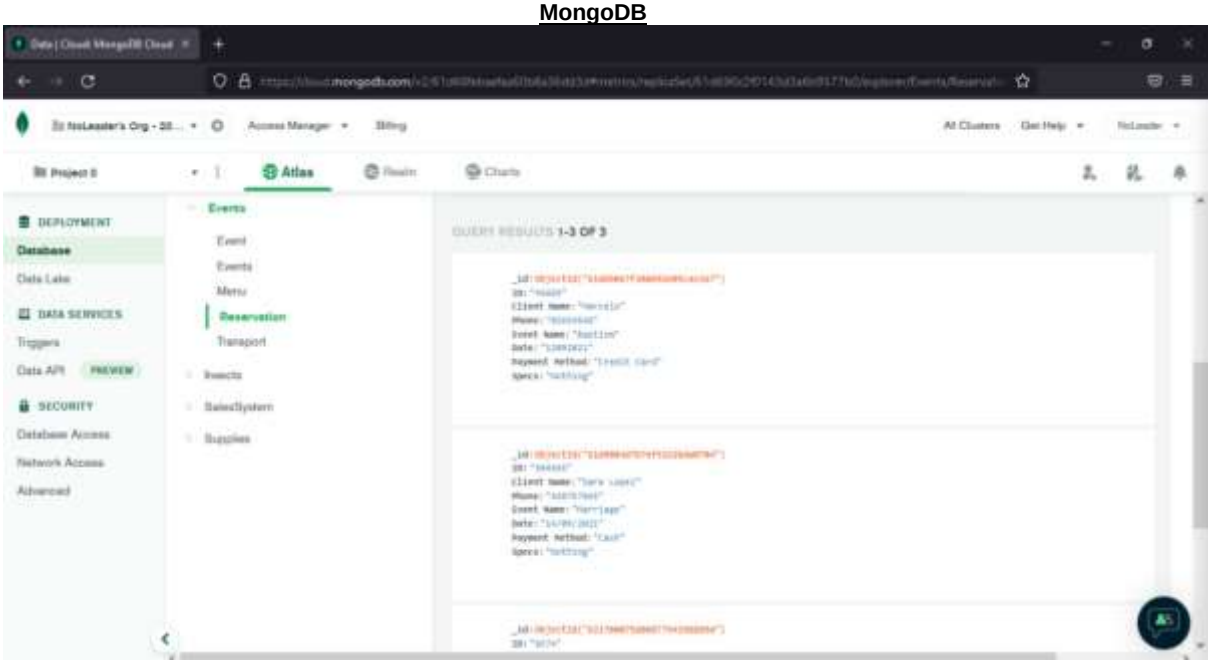


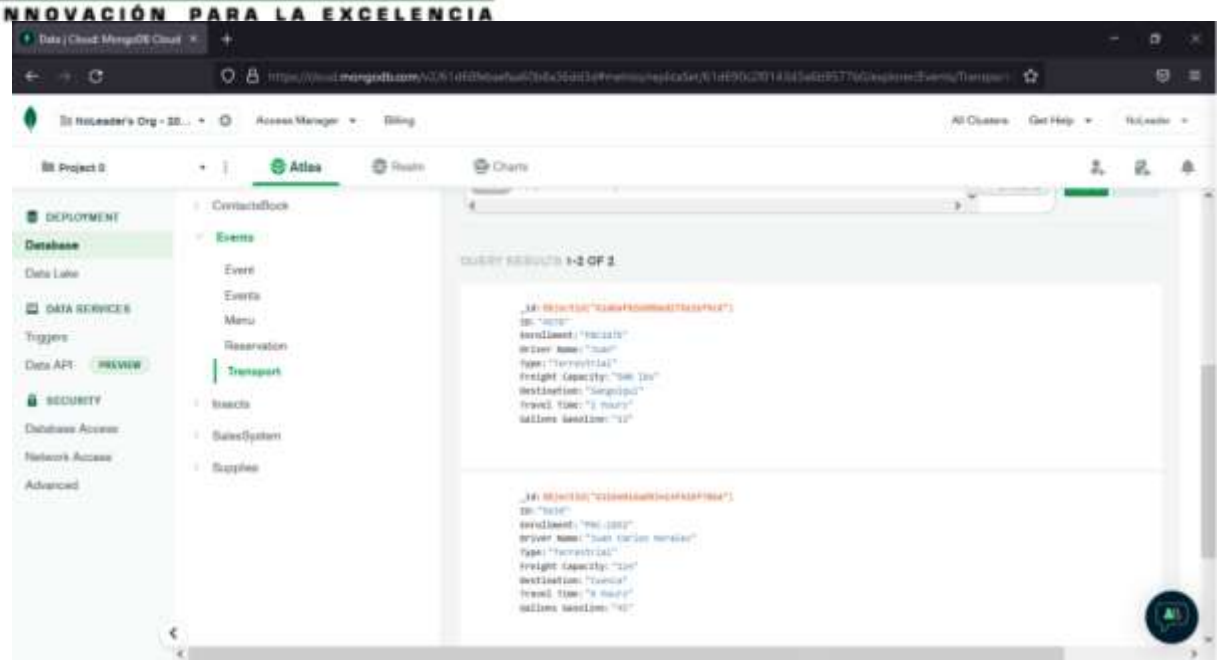
there is not validation in payment

Functionality

MENU
Name:
Components:
Price:
Description:
Code:
Add
Update
Remove
Cancel
ID
Name
Componen...
Price
Description
Code
61df809e0...
Menu1
abc
100
no desc
123
61df80b80...
Menu1
abc
555
no desc
123
61e0222f3...
Andy
011
500
Nothing
011
61e022633...
Andy
011
500
Nothing
011

MongoDB


Atlas
Realm
Charts
DEPLOYMENT
Database
Data Lake
DATA SERVICES
Triggers
Data API
PREVIEW
SECURITY
Database Access
Network Access
Advanced
Events
Event
Events
Menu
Reservation
Transport
Invoice
SalesSystem
Supplies
QUERY RESULTS 1-3 OF 3



Execution Video Program Group 9

https://drive.google.com/file/d/1XXOTqJqxpuwCNNH2JG3EELblizxaufY_/view?usp=sharing