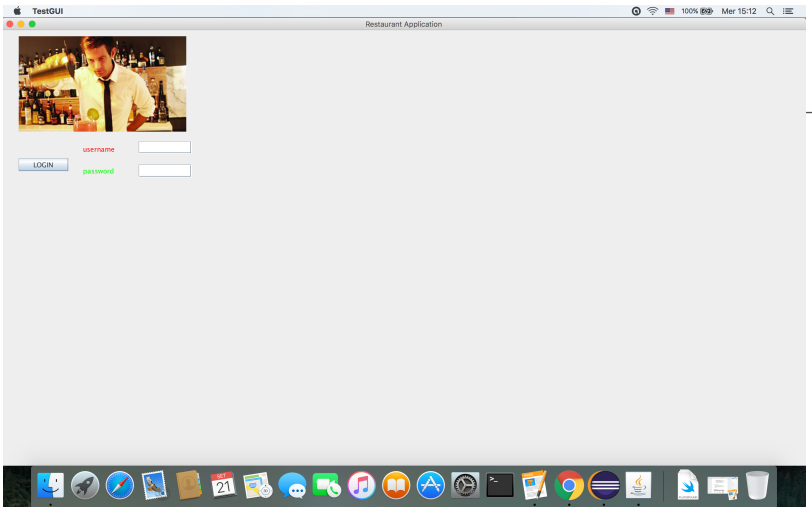


Login

The Login page before the Main view's page

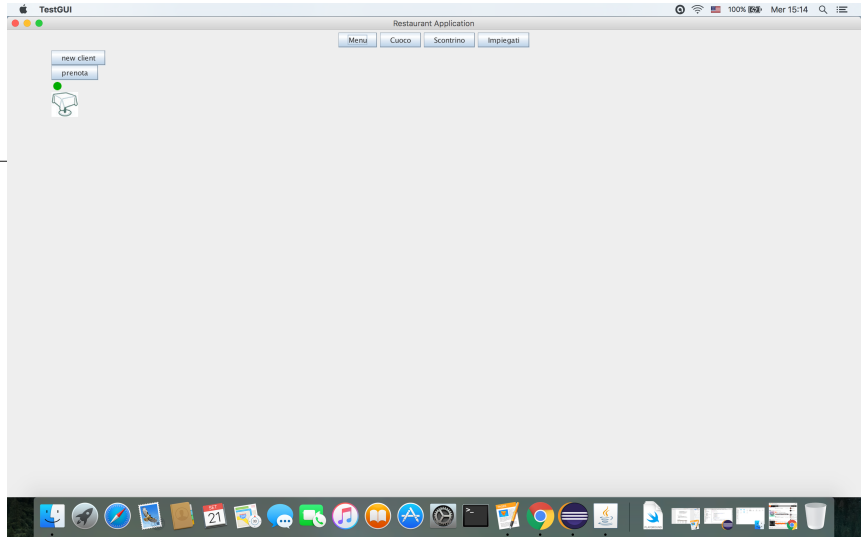
-Controls on access on the user like username 'test' and password 'test'.

-After the success of the login, we pass on the Main view with the card layouts.

Main view Window

The Main window is the home page of the application

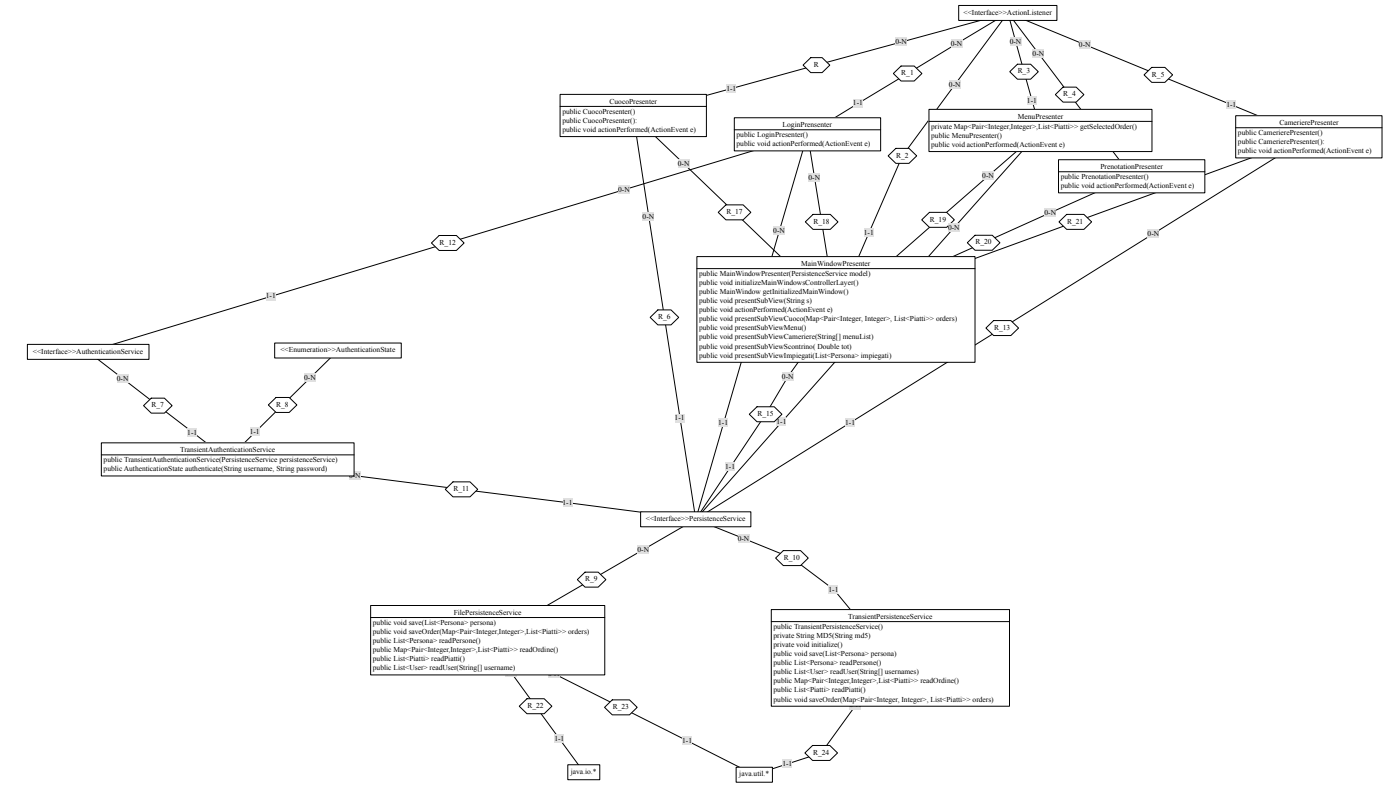
- The main window have the card layouts :

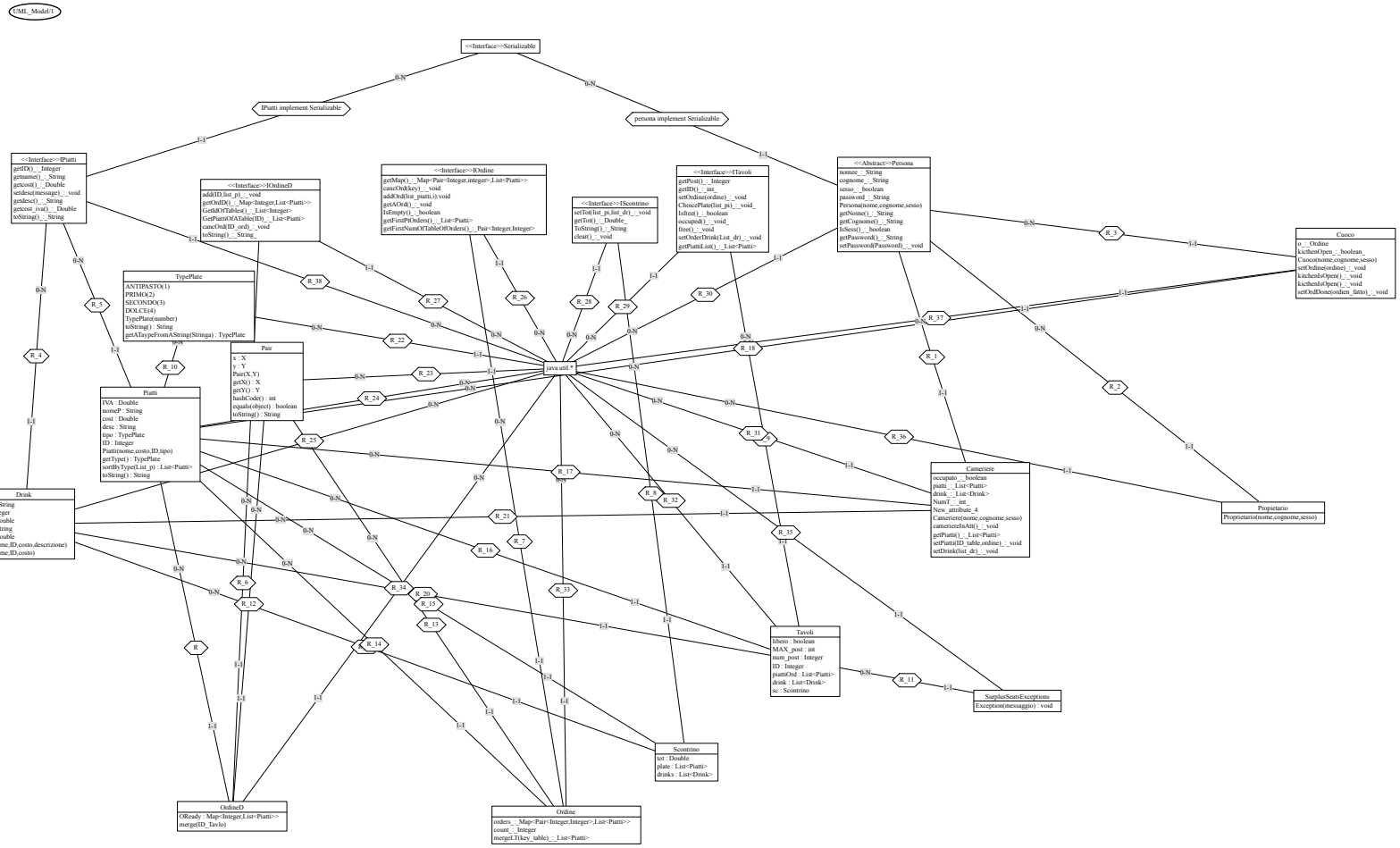


1. Menu
2. Cuoco
3. Cameriere
4. Impiegati
5. Scontrino
6. Prenotazione(on the left part of the Main view)

- When we choose one of the card layouts we pass on the correspondent view.
- If we click on the 'new table' button we create a new free table (so with a green label).
- When we click on the 'prenota' button the label of the table becomes red.

UML_controller /1




UML_Model1
<<Interface>>Serializable
IPiatti implement Serializable
persona implement Serializable
<<Interface>>IPiatti
getID() : _Integer
getname() : _String
getcost() : _Double
setdesc(message) : _void
getdesc() : _String
getcost_iva() : _Double
toString() : _String
<<Interface>>IOrdineD
addID(ID_list_p) : _void
getOrdD() : _Map<Integer,List<Piatti>>
GetIdOfTables() : _List<Integer>
GetPiattiOfATable(ID) : _List<Piatti>
caneOrd(ID_ord) : _void
toString() : _String
<<Interface>>IOrdine
getMap() : _Map<Pair<Integer,integer>,List<Piatti>>
caneOrd(key) : _void
addOrd(list_piatti,i):void
getAOrd() : _void
IsEmpty() : _boolean
getFirstPiOrders() : _List<Piatti>
getFirstNumOfTableOfOrders() : _Pair<Integer,Integer>
<<Interface>>ISconto
setTot(list_pi,list_dr) : _void
getTot() : _Double_
ToString() : _String
clean() : _void
<<Interface>>ITavoli
getPos() : _Integer
getID() : _int_
setOrdine(ordine) : _void
ChoicePiatti(list_pi) : _void_
IsFree() : _boolean
occupied() : _void_
free() : _void
setOrderDrink(List_dr) : _void
getPiattiList() : _List<Piatti>
<<Abstract>>Persona
nomee : _String
cognome : _String
sesso : _boolean
password : _String
Persona(nome,cognome,sesso)
getNome() : _String
getCognome() : _String
IsSesso() : _boolean
getPassword() : _String
setPassword(Password) : _void
Cuoco
o : Ordine
kitchenOpen : _boolean_
Cuoco(nome,cognome,sesso)
setOrdine(ordine) : _void
kitchenIsOpen() : _void
kicthenIsOpen() : _void
setOrdDone(ordien_fatto) : _void
TypePlate
ANTIPASTO(1)
PRIMO(2)
SECONDO(3)
DOLCE(4)
TypePlate(number)
toString() : String
getATaypeFromAString(Stringa) : TypePlate
Pair
x : X
y : Y
Pair(X,Y)
getX() : X
getY() : Y
hashCode() : int
equals(object) : boolean
toString() : String
Piatti
IVA : Double
nomeP : String
cost : Double
desc : String
tipo : TypePlate
ID : Integer
Piatti(nome,costo,ID,tipo)
getType() : TypePlate
sortByTypeList_pi) : List<Piatti>
toString() : String
java.util.*
Drink
name : _String
ID : _Integer
cost : _Double
desc : _String
IVA : _Double
Drink(nome,ID,costo,descrizione)
Drink(nome,ID,costo)
Cameriere
occupato : _boolean
piatti : _List<Piatti>
drink : _List<Drink>
NumT : _int_
New_attribute_4
Cameriere(nome,cognome,sesso)
cameriereInAtt() : _void
getPiatti() : _List<Piatti>
setPiatti(ID_table,ordine) : _void
setDrink(list_dr) : _void
Proprietario
Proprietario(nome,cognome,sesso)
Tavoli
libero : boolean
MAX_post : int
num_post : Integer
ID : Integer
piattiOrd : List<Piatti>
drink : List<Drink>
sc : Scontrino
SurpliusSeatsExceptions
Exception(messaggio) : void
Scontrino
tot : Double
plate : List<Piatti>
drinks : List<Drink>
OrdineD
ORready : Map<Integer,List<Piatti>>
merge(ID_Tavlo)
Ordine
orders_ : Map<Pair<Integer,Integer>,List<Piatti>>
count : _Integer
mergeLT(key_table) : _List<Piatti>
R_1
R_2
R_3
R_4
R_5
R_6
R_7
R_8
R_9
R_10
R_11
R_12
R_13
R_14
R_15
R_16
R_17
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R_36
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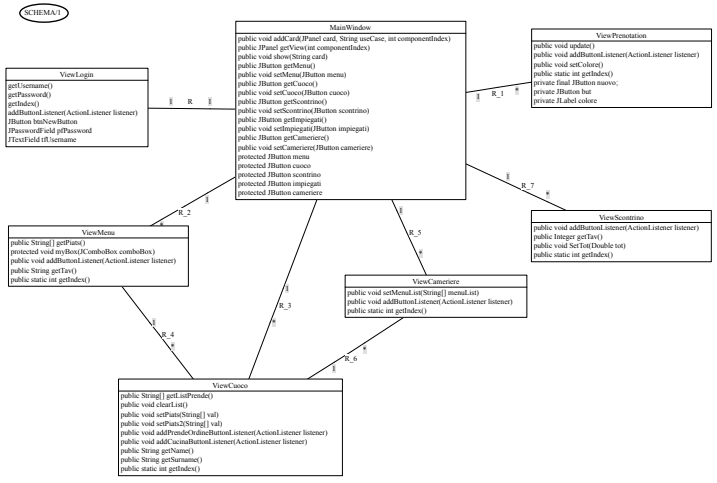
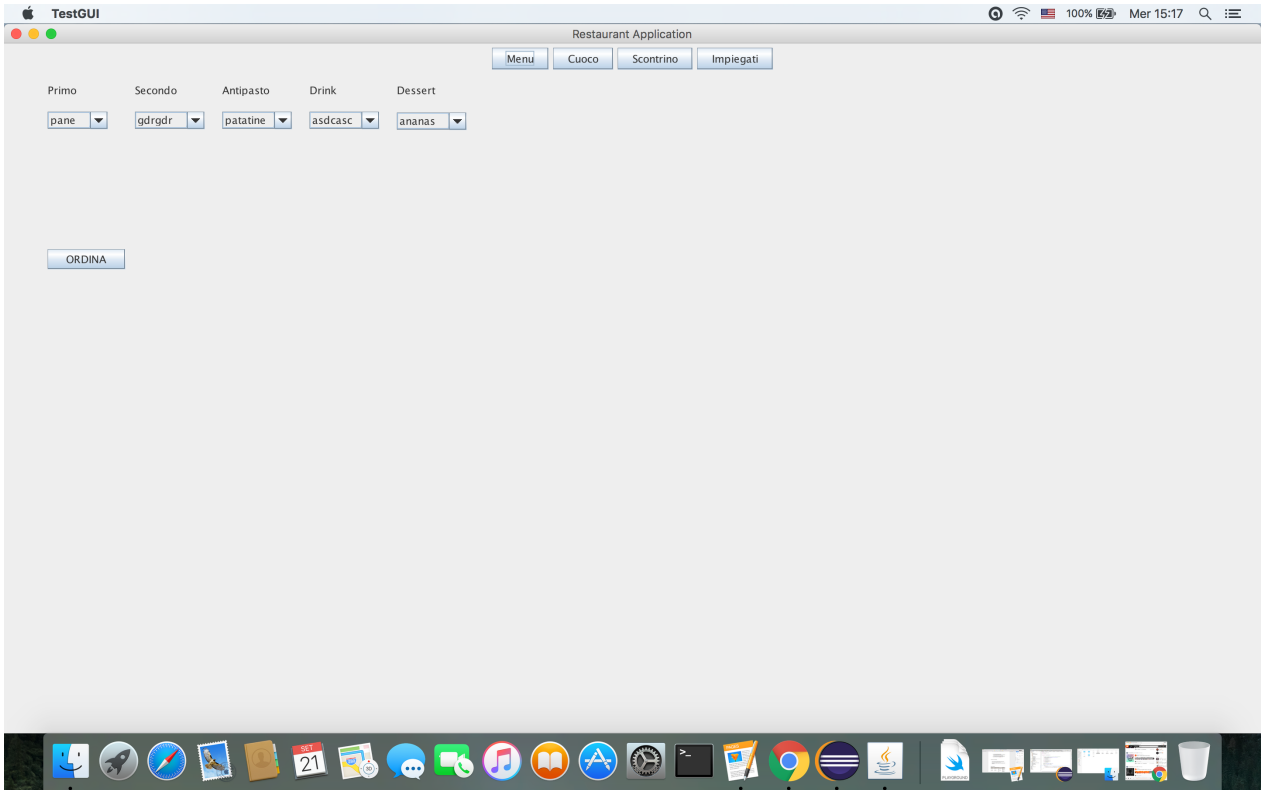
R_38
R
0-N
1-1


SCHEMA/1
MainWindow
public void addCard(JPanel card, String useCase, int componentIndex)
public JPanel getView(int componentIndex)
public void show(String card)
public JButton getMenu()
public void setMenu(JButton menu)
public JButton getCuoco()
public void setCuoco(JButton cuoco)
public JButton getScontrino()
public void setScontrino(JButton scontrino)
public JButton getImpiegati()
public void setImpiegati(JButton impiegati)
public JButton getCameriere()
public void setCameriere(JButton cameriere)
protected JButton menu
protected JButton cuoco
protected JButton scontrino
protected JButton impiegati
protected JButton cameriere
ViewLogin
getUsername()
getPassword()
getIndex()
addButtonListener(ActionListener listener)
JButton btnNewButton
JPasswordField pfPassword
JTextField tfUsername
R
ViewPrenotation
public void update()
public void addButtonListener(ActionListener listener)
public void setColore()
public static int getIndex()
private final JButton nuovo;
private JButton bar
private JLabel colore
R_1
ViewScontrino
public void addButtonListener(ActionListener listener)
public Integer getTav()
public void SetTot(Double tot)
public static int getIndex()
R_7
ViewMenu
public String[ ] getPiatti()
protected void myBox(JComboBox comboBox)
public void addButtonListener(ActionListener listener)
public String getTav()
public static int getIndex()
R_2
ViewCameriere
public void setMenuList(String[ ] menuList)
public void addButtonListener(ActionListener listener)
public static int getIndex()
R_5
R_3
R_4
R_6
ViewCuoco
public String[ ] getListPrende()
public void clearList()
public void setPiatti(String[ ] val)
public void setPiatti2(String[ ] val)
public void addPrendeOrdineButtonListener(ActionListener listener)
public void addCucinaButtonListener(ActionListener listener)
public String getName()
public String getSurname()
public static int getIndex()

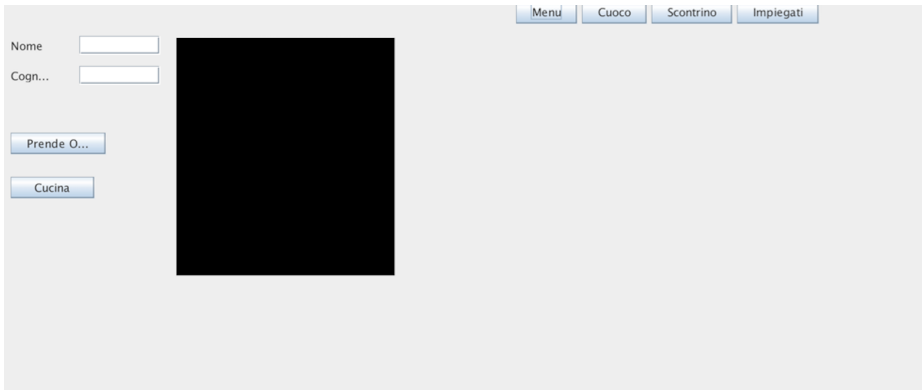
Menu

The menu window is the view where you can choose your plate

- So in this view we can find a lot of combobox for each type of plate they are loaded from the Piatti.txt where are all the plates of the restaurant.



-The client choose what they want to eat. And then when they click on the 'ordina' button the list of the things choose by them goes in to the list of the 'Cuoco', and we have to save the order in the file orders.txt, so to have a final copy of the orders, and to have a possibility to tracking them.



21/09/16

Cuoco

The Cuoco window is the view where the chef choose witch plate to do

- So when the chef choose the plate and click on the button ‘prende ordine’ thats plate goes to another list where are all the witch are ready to go to the Cameriere list. And when the chef choose the plate of the list and click on the button ‘Pronto’ thats plate goes to the Cameriere list.

Cameriere

The Cameriere view is the view where the hosts receive the plates from the chef and brings it to the tables

- The stile of view is the same of Cuoco view there are only two changes :
    1. The first one is that the button ‘Prende Ordine’ change name in ‘Libero’ that means that the host are free.
    2. The second one is that the button ‘Cucina’ change name in ‘Occupato’ that means that the host isn’t free.
- And the list indicate the plate witch the host have to bring to the table.

Impiegati

The Impiegati view present a list with the workers present

- It’s only an list with all workers present, we can load it from the persone.txt.

Scontrino

This view present the possibility to print a bill.

-In this view we can find a Id of bill , the date and hour of the bill.

-The button ‘stampare’ witch print the bill and ‘indietro’ witch permit to go back into the main view.

-The labels witch indicate how much the client need to pay.