ec.edu.espe.hotelaps.controler

DeleteController
-db : DBManager
+void DeleteProduct(nameProduct String)

MenuControler
+static String()[ ][ ]

RetriveDataControler
-db : DBManager
-customerLoggin : FrmClientLoggin
+void validationCustomer(id String)

RegisterController
-db : DBManager
-frmCustomer FrmRegisterCustomer
-frmProduct : FrmRegisterProduct
-frmRoom : FrmRegisterRoom
+void registerCustomer(customer Customer)
+void registerProduct(product Product)
+void registerRoom(room Room)
+void registerRoomCustomer(numberRoom String)

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the different packages interact with each other

ec.edu.espe.hotelaps.files

In this package we save
all images can be used
in an interfaces

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ec.edu.espe.hotelaps.utils

<<Interface>>
Persistance
+boolean save(data Document)

is

<<Interface>>
NOSQLDBManager

Implements

DBManager
-dataBase : MongoDataBase
-document : BasicDBObject
-collection : MongoCollection<Document>
-mongo : MongoClient
-nameCollection : String
-gson : Gson
+void connection(nameCollection String)
+boolean save(data Document)
+boolean retrived(data String, key String)
+boolean delete(name String, key String)
+void update(numberRoom String)

ec.edu.espe.hotelaps.model

<> Person
- -name : String
- -id : String
- -documentNumber : String
- -telephone : String
- -email : String

is ⟍ ⟋ is

Worker
- -login : String
- -password : String
- -acces : boolean

Customer

1..1

Room
- -numberRoom : String
- -price : String
- -status : String
- -capacityPerson : String
- -description : String

1..1
1..1

1..1

Conection
- -dataBase : MongoDatabase
- -document : BasicDBObject
- -collection : MongoCollection<Document>
- -mongo : MongoClient
- -nameCollection : String
- -gson : Gson
- +Customer retrieveCustomer(userName String, password String)
- +Product retrieveNameProduct(userName String)

1..1
1..1

Product
- -idProduct : String
- -stock : String
- -nameProduct : String
- -isAvailable : boolean

ec.edu.espe.hotelaps.view

<<Frm>> Conection

<<Frm>> PrincipalMenu

<<Frm>> RegisterCustomer

<<Frm>> CustomerService

<<Frm>> ClientLoggin

<<Frm>> WorkerLoggin

<<Frm>> AdminMenu

<<Frm>> ReserveRoom

<<Frm>> RegisterProduct

<<Frm>> BuyProduct

<<Frm>> ShowProduct

<<Frm>> ConsumptionDetail

<<Frm>> RegisterRoom

<<Frm>> ShowRooms

<<Frm>> Bill