



“UNIVERSIDAD DE LAS FUERZAS ARMADAS”

ESPE

SOFTWARE ENGINEERING

OBJECT - ORIENTED PROGRAMMING

TOPIC:

WORKSHOP 35 - Review project data entry

TEACHER:

PHD. EDISON LASCANO

NRC:

4680

DATE:

August 23, 2022

SEDE MATRIZ SANGOLQUÍ

QUITO-ECUADOR

2022

TEAM 01:

Inspector: Team 03

1. Arguello Espinosa Joel Daniel
2. Bedon Guevara Roberto Alexander
3. Burbano Pacheco Luis Ariel
4. Caiza Pullotasig Widinson Danilo

24 Validations Data

Validation: 17/30

Github: /40

CleanCode: 38/50

Estilista		Cliente	
Cedula	2250200512	Cedula	2250200512
Nombre	Carlos Granda	Nombre	Carlos Granda
Número	0997884812	Número	0997884812
Sueldo	450	Falta Pagar	Pagado
Servicio	Arreglo de uñas	Fecha	23 ago. 2022
Dirección	Quito122222222222	Dirección	Quito

Producto		Proveedor	
Nombre	Shampoo	Nombre	carlos
Fecha de Expiración	31 ago. 2022	Número:	0997884812
Precio	22	Pago Pendiente	23aaaaaaaaaa
Stock	2	Dirección	Sangolqui

Agregar	Volver	Agregar	Volver

Servicios

Nombre: <input type="text" value="Carlos"/> Precio: <input type="text" value="23"/> Disponible: <input type="text" value="12si"/> Estilista encargado: <input type="text" value="Melina"/>	Turno Cedula: <input type="text" value="1726070228"/> Fecha del turno: <input type="text" value="23 ago. 2022"/> 
Seleccionar servicio: <input type="text" value="Corte de cabello"/>	
<input type="button" value="Registrar turno"/> <input type="button" value="Volver"/>	
<input type="button" value="Agregar"/> <input type="button" value="Volver"/>	

Estilista

Cedula:	<input type="text" value="12"/>
Nombre:	<input type="text"/>
Número:	<input type="text"/>
Sueldo:	<input type="text"/>
Servicio:	<input type="text" value="Corte de cabello"/>
Dirección:	<input type="text"/>



```

    protected void txtIdKeyTyped(java.awt.event.KeyEvent evt) {
        String value = txtId.getText();
        int length = value.length(); //saca la longitud del string
        if (evt.getKeyChar() >= '0' && evt.getKeyChar() <= '9') {
            txtId.setEditable(true);
            if (length >= 10) {
                JOptionPane.showMessageDialog(this, "Id must have 10 digits", "Warning", JOptionPane.WARNING_MESSAGE);
                txtId.setText("");
            }
        } else {
            JOptionPane.showMessageDialog(this, "Enter only numbers", "Warning", JOptionPane.WARNING_MESSAGE);
            txtId.setText("");
        }
    }

    protected void txtNameKeyTyped(java.awt.event.KeyEvent evt) {
        char validateLetters = evt.getKeyChar();
        if (Character.isDigit(validateLetters)) {
            evt.consume();
            JOptionPane.showMessageDialog(txtName, "Enter only letters", "Warning", JOptionPane.WARNING_MESSAGE);
        }
    }
}

```

FIRST 50 PEOPLE
25% DISCOUNT

VALID FOR

SPA DAY

INCLUDE:

- Relaxing massage
- Facial treatment
- Eyebrow waxing
- aromatherapy

Valid for two days

Design Preview [FrmTableService]

Nombre	Precio	Pago pendiente	Disponible	Stock disponible
		<input type="checkbox"/>	<input type="checkbox"/>	
		<input type="checkbox"/>	<input type="checkbox"/>	
		<input type="checkbox"/>	<input type="checkbox"/>	
		<input type="checkbox"/>	<input type="checkbox"/>	



Design Preview [FrmDeleteStylist]

Eliminar Estilista

Cedula



TEAM 02:DAMAGE

Inspector: Team 05

TOTAL:	58/80
- Data Entry	15 /30
Clean Code:	43/50
In Login (2 data Entry)	

POMPEI Bakery

Usuario:

Contraseña:

- (Login validation) - YES

The screenshot shows the Pompei Bakery login interface. A modal dialog box titled "Attention" displays a red octagonal warning icon with an exclamation mark and the text "Username or password incorrect". Below the dialog, the main login fields show "fer" in the username field and "mario222" in the password field. At the bottom is the "Ingresar" button.

Register User (2 data entry)

Registrar nuevo usuario

Usuario: *Minimum 6 digits please

Password : *

- (Register User Validate) - YES

The screenshot shows the Pompei Bakery user registration interface. It displays two validation messages: "steven24 *Minimum 6 digits please" next to the username field, and "solid22S *Minimum 6 digits please" next to the password field. The "Back" and "Register" buttons are visible at the bottom.

RegisterProduct (4 data entry)

Register product

PRODUCTO

Nombre: *Only characters

ID : Name of the product

Precio \$

Proveedor:

-(RegisterProduct) - YES

Register product

PRODUCTO

Nombre: iose

ID : 12333

Precio 12 \$

Proveedor: elmer *Only characters ;

Register Sale(3 data entry) - ValidateEntry- YES

Registrar venta

Cliente ssss

Cantidad 4

Producto: biscocho

Precio 0.25 \$

Precio total: 1.0 \$

RegisterPays (4 data entry)

Registrar Pagos

Fecha:

Electricidad: 0 \$ *

Aqua: 0 \$ *Only numbers please

Arriendo: 0 \$ *

Gas: 0 \$ *

Regresar Registrar

- RegisterPays - Validate data Entry- YES

Registrar Pagos

Fecha: 04/08/2022

Electricidad: 2 \$ *Only numbers please..

Aqua: 2 \$

Arriendo: 2 \$

Gas: 2.2 \$ *Only numbers please

Regresar Registrar

Misspelling.

3

biscocho



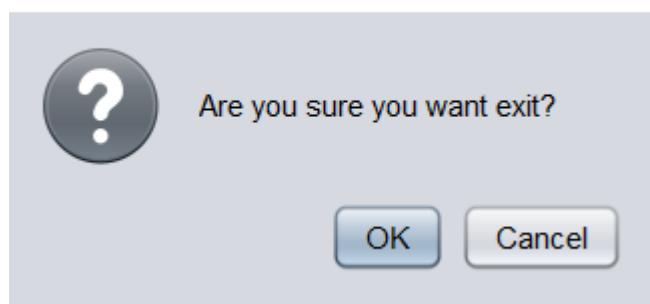
Spanish, Variables in english.

Password : *

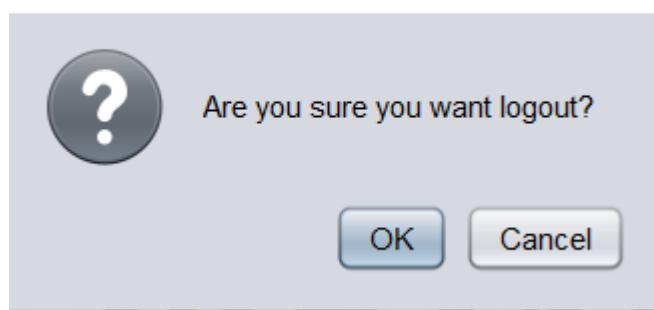
[Back](#) [Register](#)

[Log-out](#)

Warning X



Warning X



Id	Name	Price	Supplier	Customer	Product	Unit price	Quantity	Total price	Date	Electricity	Water	Rent	Gas

English Variables no Problem.

SOLID Principle:

Single principle. 5/5

```

8  * @author Mateo Condor, DOCCO-ESPE, DAMAGE SE Team
9  */
10 public class DatabaseController {
11
12     public static MongoDatabase database = null;
13
14
15
16     public MongoDatabase connectionDb() {
17         MongoClient mongoClient = MongoClient.create("mongodb+srv://admin00:adminp00@bakerydb.q3bylhk.mongodb.net/?retryWrites=true&w=majority");
18         DatabaseController.database = mongoClient.getDatabase("Pointofsaledata");
19         return DatabaseController.database;
20     }
21
22 }
23

```

5. Chavez Escudero Genaro David
6. Chicaiza Ortiz Frank Sebastian
7. Chiriboga Zurita Daniel Isai
8. Condor Sosa Mateo Javier

TEAM 03: Syntax Error

Inspector: Team 07

9. Granda Velasquez Carlos Javier
10. Ibarra Gaona Ronny Joel
11. Imbaquinga Guaña Jose Ricardo

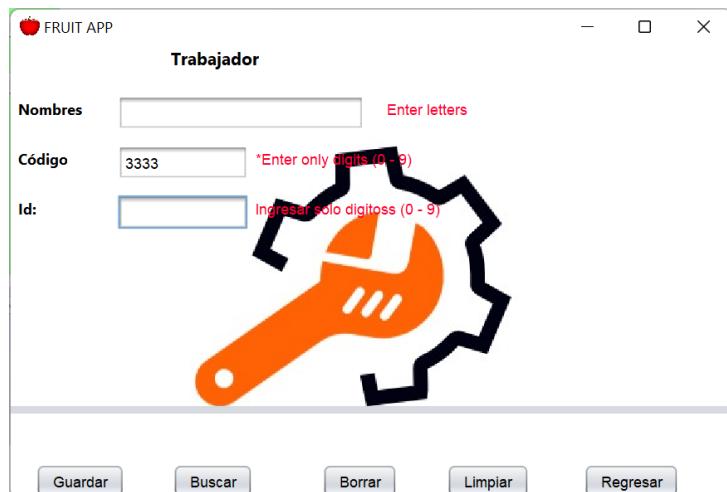
Data validation 16/30

GitHub /40

Clean Code 39/50



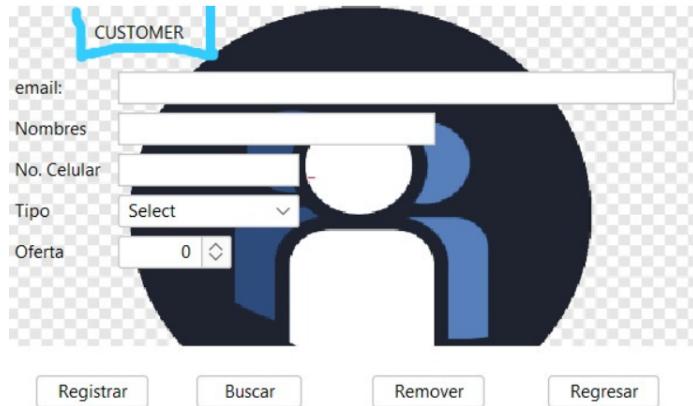
in the weight fields if there is validation but not message and the cost field there is no validation



messages in english



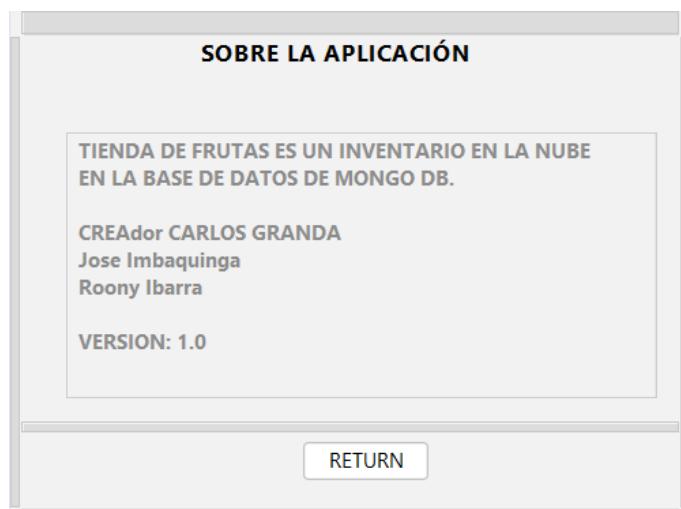
in Costo there's not a validation and in Peso there isn't a message for the error



The title in the frm in english

danielatituan...	979028781	Normal	7
danielatituan... Daniela Titu...	979028781	Normal	7
danielatituan...	979028781	Normal	7

The data is saved twice in the tables



Have an error in the text and return button in english

CODE

```
private void btnSearchActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
}
```

button search (buscar) does nothing

```

private void btnRegisterActionPerformed(java.awt.event.ActionEvent evt) {
    Customer customer;
    String email;
    String fullName;
    int cellphone;
    String type;
    String discount;

    CustomerController customerController;
    customerController = new CustomerController();

    email = txtEmail.getText();
    fullName = txtFullName.getText();
    cellphone = Integer.parseInt(txtCellPhone.getText());
    type = cmbCustomerType.getSelectedItem().toString();
    discount = spnOffer.getValue().toString();

    if ((0 != cmbCustomerType.getSelectedIndex())) {
        customer = new Customer(email, fullName, cellphone, type, discount);
        ConexionMongoDBCustomer conexionMongoDb= new ConexionMongoDBCustomer();
        conexionMongoDb.ConexionCustomer(email, fullName, cellphone, type, discount);
        customerController.register(customer, this);
        txtFullName.setText("");
        txtCellPhone.setText("");
        txtEmail.setText("");
        spnOffer.setValue(0);
        cmbCustomerType.setSelectedIndex(0);
    } else {
        JOptionPane.showMessageDialog(rootPane, "Seleccionar tipo");
    }
    ConexionMongoDBCustomer conexion = new ConexionMongoDBCustomer();
    conexion.ConexionCustomer(email, fullName, cellphone, type, discount);
    JOptionPane.showMessageDialog(null, "Se creo con éxito");
}

```

Connection mongo should be in controller

```

private void txtCellPhoneKeyPressed(java.awt.event.KeyEvent evt) {
    String value = txtCellPhone.getText();
    int length = value.length();
    if(evt.getKeyChar() >= '0' && evt.getKeyChar()<='9') {
        txtCellPhone.setEditable(true);
        lblCellError.setText("");
        if(length>=10){
            txtCellPhone.setEditable(false);
            lblCellError.setText("Máximo 10 digitos");
        }
    }else{
        txtCellPhone.setEditable(false);
        lblCellError.setText("*Ingresar solo digitos (0 - 9)");
    }
}

private void txtNameKeyTyped(java.awt.event.KeyEvent evt) {
    int key = evt.getKeyChar();

    boolean mayusculas = key >= 65 && key <=90;
    boolean minusculas = key >= 97 && key <=122;
    boolean espacio = key == 32;

    if(!(minusculas || mayusculas || espacio)){
        evt.consume();
    }
}

```

Validation should be in controller

TEAM 04: GADC.MSI

Inspector: Team 01

Validation: 20/30

Github:

CleanCode: 40/50

12. Loor Mercado Cesar Ignacio
13. Mendoza Arteaga Aldric Mateo
14. Molina Cuanco Gustavo Stiven

15. Montufar Saltos David Ariel

The image shows a screenshot of a Windows application window titled "CoopLatina". The window has a dark red header bar with the title and a white content area. In the content area, there is a "Inicio" button at the top, followed by two input fields: "Usuario:" and "Contraseña:", each with a corresponding text input box. Below these are two buttons: "Ingresar" and "Salir".

Below this window, another window titled "CoopLatina" is open. This window has a green sidebar on the left with buttons for "Menu" and "Tabla". The main content area is titled "Registro de pasajeros". It contains three input fields: "Nombre:" with value "Danielsanchez", "Identificación" with value "098976542", and "Email" with value "daniel@gmail.com". At the bottom are two buttons: "Limpiar" and "Guardar".

At the very bottom of the image, there is a table titled "Lista de Rutas" with the following data:

Name Route	Id Route	Distance (KM)	Price of Route	Available Route
0	0	0.0	false	
0	0	0.0	false	
0	0	0.0	false	

Screenshot of the MongoDB Compass interface showing the 'Bus' collection. The collection has 0 documents, 0B average document size, 1 index, and 4.10 kB total index size.

Buses

Tabla de los Buses

Id	Matricule	NameOfDriver	Route
90892	PDC-9855	Marco Peralta	1
93782	CDF-955	Karim Cadena	2
98719	EDF-4658	Mateo Gallardo	3
9812	PFE-201	Gerardo Chicaiza	4
90892	FDSC-9846	Alison Chancusi	5
93782	JHGF-955	Jonny Zapata	6
98719	LKJ-4658	Josue Montufar	7
9812	TTR-201	Luis Chicaiza	8
90892	PDC-9855	Sebastian Perez	9
93782	CDF-955	Maria Mercedes	10
98719	EDF-4658	Mateo Gavidia	11
9812	PFE-201	Yolanda Saltos	12

[Regresar](#)

File structure:

```

src
└── rrm
    ├── Contact.java
    ├── FrmCooplatina.java
    ├── Login.java
    ├── FrmPassenger.java
    ├── FrmPassengerRegister.java
    ├── FrmRoute.java
    ├── FrmRouteRegister.java
    └── FrmTableTicket.java
    └── FrmTicketRegister.java
    └── Frmabout.java
    └── InputNumbersValidation.java
        ├── pictures
        └── util
    └── Test Packages
    └── Libraries
    └── Test Libraries
    └── Test Resources

```

Navigator:

- FrmTableTicket : JFrame:Printable
- WindowMouseDragged(MouseEvent evt)
- WindowMousePressed(MouseEvent evt)
- btnBackActionPerformed(ActionEvent evt)
- btnLoadActionPerformed(ActionEvent evt)
- btnPrintActionPerformed(ActionEvent evt)
- getIconImage() : Image 1 Frame
- initComponents()
- loadTicketTable()
- main(String[] args)

Code (FrmTableTicket.java):

```

@Override
public Image getIconImage() {
    Image retValue = Toolkit.getDefaultToolkit().getImage(ClassLoader.getSystemResource("pictures/logo.jpeg"));
    return retValue;
}

public void loadTicketTable() {
    //borrar estas dos lineas despues de juntar todas las pantallas
    Connection connection = new Connection();
    connection.connectionDataBase();
    //-----
    CodecRegistry codecRegistry = fromRegistries(MongoClient.getDefaultCodecRegistry(),
        fromProviders(PojoCodecProvider.builder().automatic(true).build()));
    MongoDatabase db = Connection.mongodb().withCodecRegistry(codecRegistry);
    MongoCollection<Ticket> collectionTickets = db.getCollection("tickets", Ticket.class);
    List<Ticket> tickets = collectionTickets.find(new Document(), Ticket.class).into(new ArrayList<Ticket>());

    Object[][] objects = new Object[tickets.size()][4];
    for (int i = 0; i < tickets.size(); i++) {
        objects[i][0] = tickets.get(i).getRoute();
        objects[i][1] = tickets.get(i).getBus();
        objects[i][2] = tickets.get(i).getAddress();
        objects[i][3] = tickets.get(i).getPrice();
    }

    tableTicket.setModel(new javax.swing.table.DefaultTableModel(
        objects,
        new String[]{
            "Route", "Bus", "Address", "Price"
        }
    ));
}

```

Data input 22/30

```

48 Connection connection = new Connection();
49 connection.connectionDataBase();
50
51 CodecRegistry codecRegistry = fromRegistries(MongoClient.getDefaultCodecRegistry(),
52         fromProviders(BojoCodecProvider.builder().automatic(true).build()));
53 MongoDatabase db = Connection.mongodb.withCodecRegistry(codecRegistry);
54 MongoCollection<Passenger> collectionPassengers = db.getCollection("Passengers", Passenger.class);
55 List<Passenger> passengers = collectionPassengers.find(new Document(), Passenger.class).into(new ArrayList<Passenger>());
56
57 Object[][] objects = new Object[passengers.size()][3];
58
59 for (int i = 0; i < passengers.size(); i++) {
60     objects[i][0] = passengers.get(i).getIdentificationCard();
61     objects[i][1] = passengers.get(i).getName();
62     objects[i][2] = passengers.get(i).getFmsid();
63 }

```

TEAM 05 DEES DEV'S

Inspector: Team 04

- 16. Moreira Vinuezá Erick Patricio
- 17. Pabon Gonzalez Elkin Andres
- 18. Ponce Arguello Diego Armando
- 19. Pozo Analuisa Steven Jefferson

Data Input. 30/30

Data validation 30

CleanCode: 42/50

Misspelling -1

Total:

 Flor de piel

Ayuda



Flor de Piel Spa

USUARIO:

ella

CONTRASEÑA:

.....|

INGRESAR

REGISTRAR CLIENTE

NOMBRES: <input type="text" value="Cesar"/>	TIPO DE SERVICIO: <input type="text" value="Tratamiento Facial"/>
APELLIDOS: <input type="text" value="Loor"/>	COSTO: <input type="text" value="15"/> \$
# IDENTIFICACIÓN: <input type="text" value="0850599440"/>	# DE SESIONES <div style="border: 1px solid #ccc; padding: 2px; width: 40px; text-align: center;">2</div>
TELÉFONO: <input type="text" value="0988478554"/>	FECHA: <input type="text" value="30 ago. 2022"/>
E-MAIL: <input type="text" value="cesarloor68@gmail.com"/>	HORA DE ATENCIÓN: <input type="text" value="13:40"/>
DURACION: <input type="text" value="1 semana"/>	
TOTAL A PAGAR: <input type="text" value="30.00"/> \$ CALCULAR	
REGISTRAR CANCELAR FACTURA 	

CLIENTES AGENDADOS										
Nombres	Apellidos	Identificación	Teléfono	E-mail	Servicio	Costo	Duración	Fecha ▾	Horario	
Erika Estefania	Suárez Moreira	178996543	0981616123	erika12@gmail...	Deep Hydration	24.99	2 week	01-08-22	12:00	
Noelle Stefany	Villareal Pérez	1987634522	0987654321	noelle@espe.ed...	Platelet Rich Pl...	40.00	1 week	08-08-22	10:00	
Ronny Joel	Ibarra Gaona	1753339173	0992970432	ronnyibarra4@...	Depilación Láser	20	10min	09-08-22	09:30	
Goku Kakaroto	Mendez de la C...	0400922345	0999877762	gokusan@gmail...	Stain Blurring	100.00	4 week	15-08-22	14:00	
Juanito	Alcocha	4543543243	0981234563	Alcachofa@gn...	Facial Treatment	90.00	2 days of 2 hour	17-08-22	12:45	
Maria Fernanda	Astudillo Rivera	0400911897	0998877665	mary@gmail.com	Blurring of Stre...	79.00	2 hour	18-08-22	12:00	
German	Pozo	1711234567	0982347265	german1973@h...	Depilación Láser	120.2	3 week	23-08-22	20:00	
Maria	Pedraza	0987623222	0987123455	mari@hotmail.c...	Peeling Químico	12.98	2 semanas	23-08-22	12:00	
Luis	Burbano	1720985876	0987612345	luis@gmail.com	Plasma rico en ...	120.98	2 semanas	23-08-22	12:00	
Mateo	Zambrano	0987898772	0987654445	mateo@gamil.c...	Depilación Láser	12	2 semanas	23-08-22	12:00	
Alfonso	Villa	1234562345	0987898766	alfo@yahoo.com	Hidratación Pro...	24.90	2 dias	24-08-22	12:00	
Sabrina	Condor	4565434564	0988978675	sabrina@gamil...	Depilación Láser	12.99 \$	3 dias	25-08-22	13:00	
Steven	Lopez	1753368978	0981514131	steven@yahoo....	Tratamiento Fa...	24,60 \$	2 semanas	25-08-22	12:00	
Cesar	Loor	0850599440	0988478554	cilor2@espe.e...	Hidratación pro...	15,25 \$	2 veces a la sem...	25-08-22	12:20	

ACTUALIZAR DATOS DE CLIENTE

NÚMERO DE IDENTIFICACIÓN DEL CLIENTE:

NOMBRES:

Cesar

APELLIDOS:

Loor

DE IDENTIFICACIÓN:

0850599440

TELÉFONO:

0988478554

E- MAIL:

ciloor2@espe.edu.ec

TIPO DE SERVICIO:

Hidratación profunda

COSTO:

15,25 \$

DURACIÓN:

2 veces a la semana

FECHA:

25-08-22

HORA DE ATENCIÓN:

12:20

ELIMINAR CITA

NÚMERO DE IDENTIFICACIÓN DEL CLIENTE:

NOMBRES:

Cesar

APELLIDOS:

Loor

IDENTIFICACIÓN:

0850599440

TELÉFONO:

0988478554

E- MAIL:

ciloor2@espe.edu.ec

TIPO DE SERVICIO:

Hidratación profunda

COSTO:

15,25 \$

DURACIÓN:

2 veces a la semana

FECHA:

25-08-22

HORA DE ATENCIÓN:

12:20



Dirección

Av.Oswaldo Guayasamin 1/2, Quito 170903

Fecha:

Ingrese la fecha

Ciu...

Quito-Valle de Tumbaco

Contactos:

0988774933

CLIENTE		TIPO DE SERVICIO	TOTAL:
NOMBRES	APELLIDOS		
Ingrese nombres	Ingrese Apellidos	Ingrese el tipo de servicio	Costo \$

DESCRIPCIÓN

Enter description

CANCEL

PRINT

Botones en inglés

 Leather Flower

- □ ×

English icon

CODE

code death

```

]     private void txt(firstNameActionPerformed(java.awt.event.ActionEvent evt) {
]         // ...
]     }
]
]     private void txt(firstNameKeyTyped(java.awt.event.KeyEvent evt) {
]         ...
]     }
]
]     private void txt(lastNamesKeyTyped(java.awt.event.KeyEvent evt) {
]         ...
]     }
]
]     private void txt_IdKeyPressed(java.awt.event.KeyEvent evt) {
]         ...
]     }
]
]     private void txt_CellphoneKeyPressed(java.awt.event.KeyEvent evt) {
]         ...
]     }
]
```

TEAM 06 CODEX ++

Inspector: Team 02

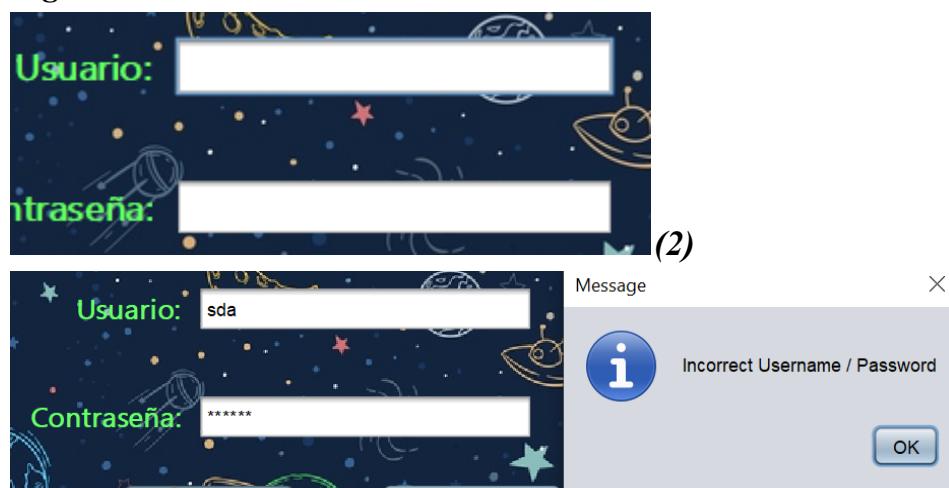
- 20. Quilumbaquin Lanchimba Jauro Smith
- 21. Quimbiulco Juan Diego
- 22. Rivera Espin Carlos Sebastian
- 23. Silva Velasquez Raul Andres

Data input 23/30

minus validation -3, 20/30

English-Spanish 40/50

Login





BuscarLibro (Rentar Libro) (1)

Buscar Película (Rentar Película)(1)

Donar

Nombre:

Cantidad:

Calcular el Total

Total + Impuestos:

Donar

Form Donar(3)

Donar

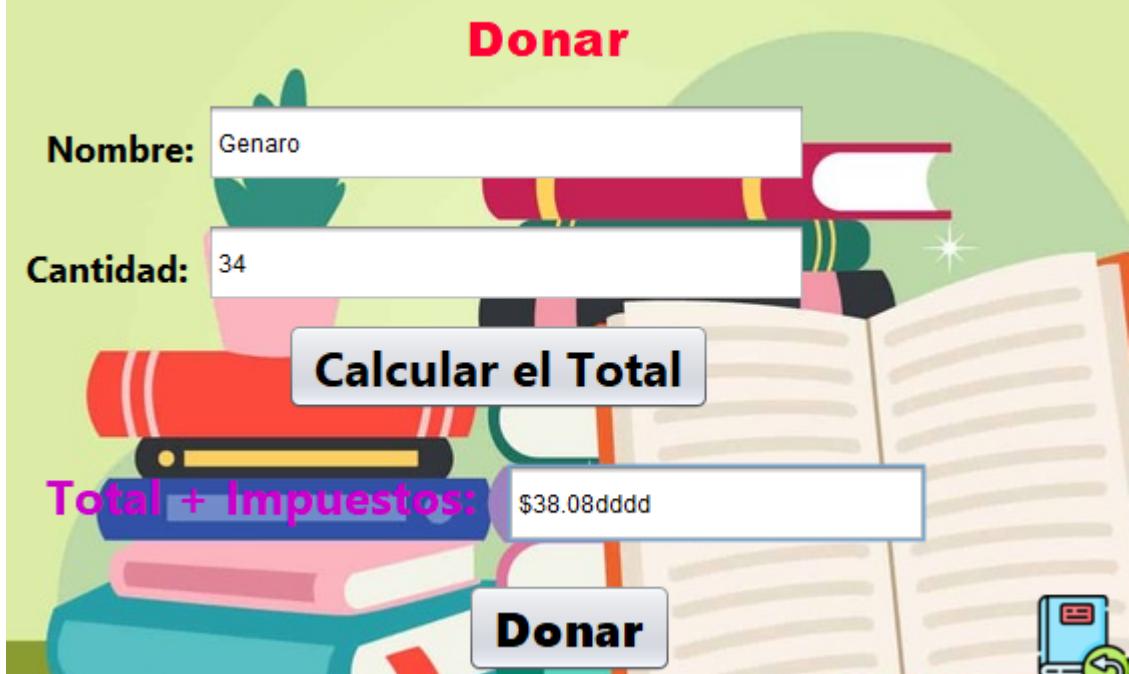
Nombre: Genaro

Cantidad: 34

Calcular el Total

Total + Impuestos: \$38.08dddd

Donar

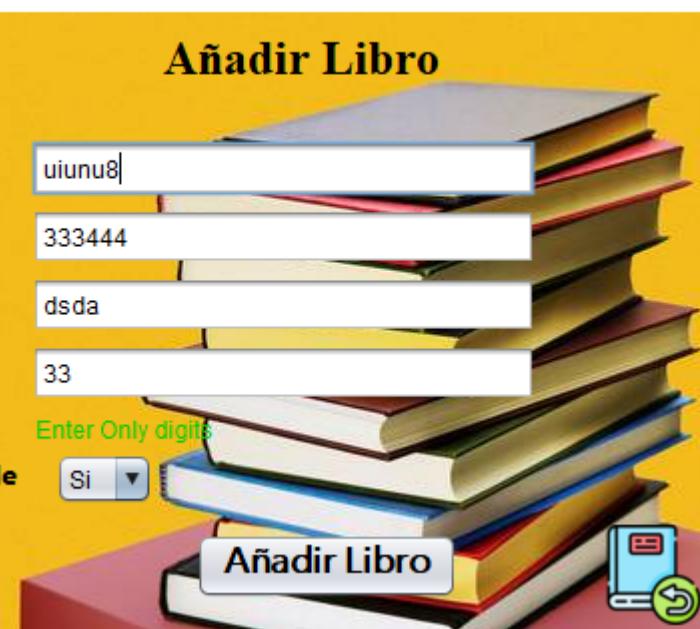


(Validation)

Añadir Libro

Titulo	uiunu8
Autor	333444
Editorial	dsda
ISBN:	33
Enter Only digits	
Disponible	Si ▾

Añadir Libro



Añadir Película

Título:

Genero:

Idioma:

Disponible:

Añadir Película

Message

i Ingresar solo letras
Enter only letters

Ingrese el idioma de la película.

Añadir **Eliminar**

Añadir Película

Título:

Genero:

Idioma: Ingrese el genero de la pelicula.

Disponible:

NEW USER Bookify

Nombre: Error

Id: Enter Only digits

Correo: @gmail.com

Teléfono: Enter Only digits

Dirección:

Edad: Enter Only digits

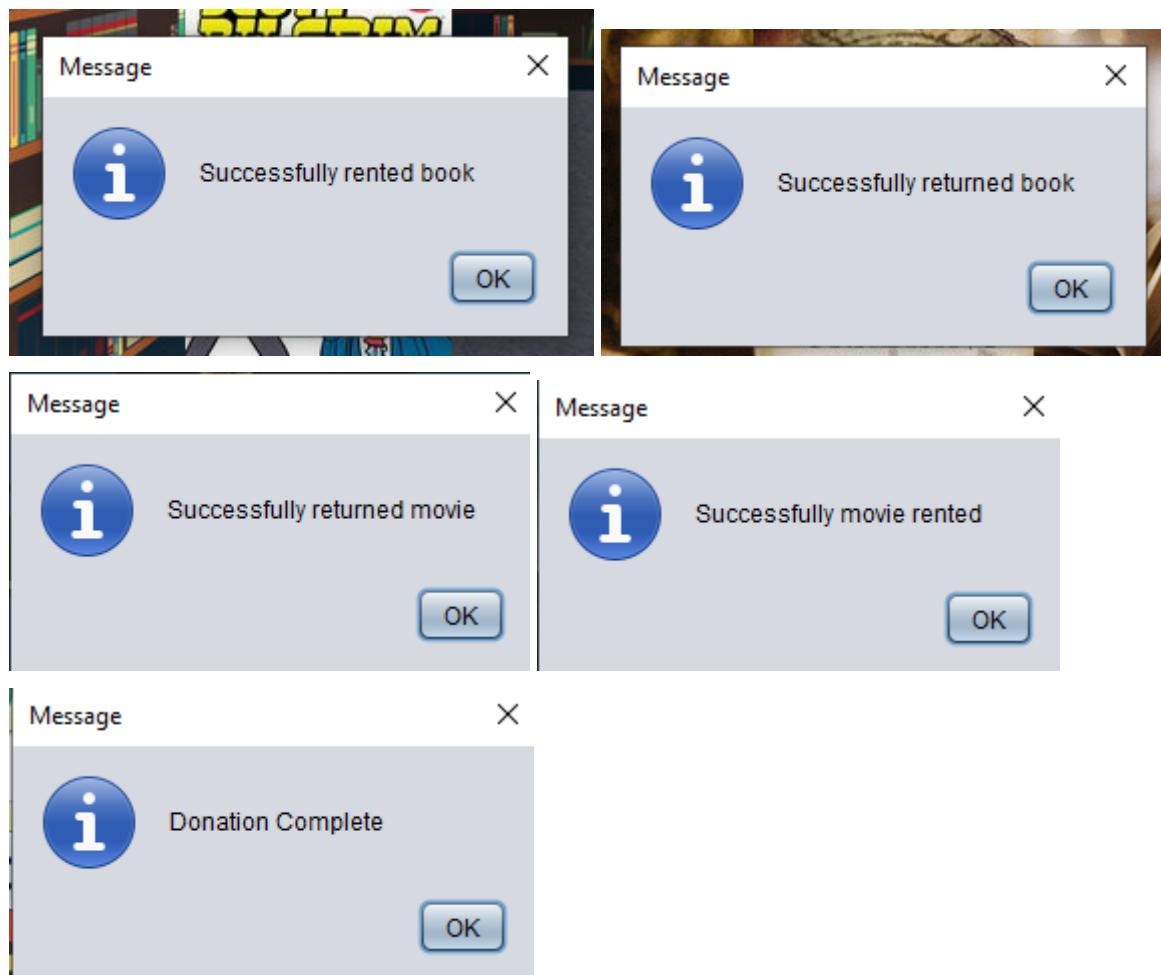
Contraseña: Enter Only digits

Agregar Usuario **Actualizar** **Lista de Usuarios** **Borrar Usuario**

Data input 23/30

minus validation -3

English-Spanish 40/50



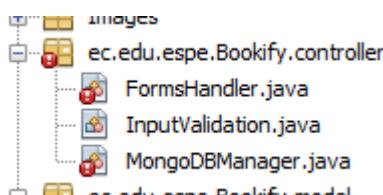
PayBills			
Name	Id	Book	Bill
jairo	1714564	Algebra de baldor	5
Luis	1231231	Fundamentos de Ci...	5
Carlos	1231231	Principios de electr...	5
Ricardo	1231231	La divina comedia	5

Pay Fines

button does nothing

Pay Fines

Code



Each class have a controller

```

private void txtPublisherActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
}
    
```

It doesn't anything

```

private void txtMovieIdiomKeyTyped(java.awt.event.KeyEvent evt) {
    // TODO add your handling code here:
    char validar = evt.getKeyChar();
    if(Character.isDigit(validar)){
        Toolkit.getDefaultToolkit().beep();

        evt.consume();
        JOptionPane.showMessageDialog(rootPane, "Ingresar solo letras \n Enter only letters");
    }
    
```

Duplicate code

```
private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
}
```

Button

Pay Bills

```
if (!TFtoFindId.getText().isBlank()) {
    findUser();
} else {
    JOptionPane.showMessageDialog(this, "The Field Id is Empty,please fill it with a valid Id");
}
```

Duplicate code

TEAM 07 :

Inspectors: TEAM 06

Data Input. 34/30

Data validation 20

Misspelling -1

Total: 40/50

24. Sosa Romero Diana Carolina

25. Tituaña Moreno Daniela Lissette

26. Toapanta Velasquez Martin Honorio

27. Villavicencio Campoverde Bolivar Josue

Messages in english

 **CLIENTE**

CI Enter Only digits

Nombre Error

Direccion

Telefono Enter Only digits

Email

ELIMINAR CAJERO

Cl a eliminar Enter Only digits



CAJERO

ID: Enter Only digits

Nombre: Error

Direccion:

Telefono: Enter Only digits

E-mail: @gmail.com ▾

AÑADIR



CAJERO

ID: Enter Only digits

Nombre: Pedro

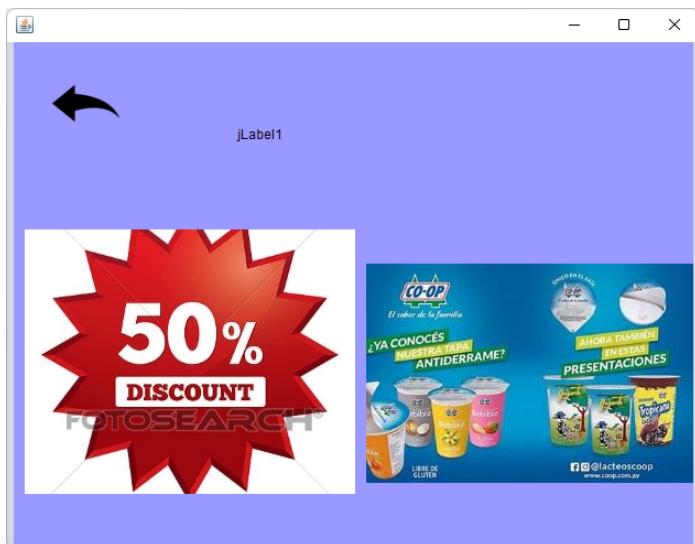
Direccion: San Francisco

Telefono: Enter Only digits

E-mail: @gmail.com ▾

AÑADIR





Code

Misspelling

```

package ec.edu.espe.codeproject.model;

import java.util.ArrayList;
import org.bson.Document;

/*
 * @author Josue Villavicencio, DCCO - ESPE, MyWayCode
 */

public class Product extends Abstract {
    private int code;
    private float price;
    private int lote;
    private String name;
    private String description;
    private ArrayList<Customer> costumers;
    private ArrayList<Cashier> cashiers;

    /**
     * This method is used to insert a new product into the database.
     * @param product The product object to be inserted.
     */
    public void insertProduct(Document product) {
        DBManager.insertDocument("products", product);
    }

    /**
     * This method is used to update an existing product in the database.
     * @param product The product object to be updated.
     */
    public void updateProduct(Document product) {
        DBManager.updateDocument("products", product);
    }

    /**
     * This method is used to delete a product from the database.
     * @param id The ID of the product to be deleted.
     */
    public void deleteProduct(int id) {
        DBManager.deleteDocument("products", id);
    }

    /**
     * This method is used to find all products in the database.
     * @return A list of all products.
     */
    public ArrayList<Product> getAllProducts() {
        return DBManager.getAllDocuments("products");
    }

    /**
     * This method is used to find a product by its ID.
     * @param id The ID of the product to be found.
     * @return The product object found, or null if not found.
     */
    public Product getProductById(int id) {
        return DBManager.getDocument("products", id);
    }

    /**
     * This method is used to find a product by its name.
     * @param name The name of the product to be found.
     * @return A list of products found, or an empty list if none found.
     */
    public ArrayList<Product> searchProductsByName(String name) {
        return DBManager.getDocuments("products", "name", name);
    }
}

```

This should be in the controller, they are doing an update in the frame

```
private void btnUpdateActionPerformed(java.awt.event.ActionEvent evt) {
    try
    {
        MongoCollection<Document> col = DBManager.getDatabase().getCollection("Cashier");

        BasicDBObject query = new BasicDBObject("_id",new BasicDBObject("$eq",Integer.parseInt(txtID.getText())));

        BasicDBObject newDocument = new BasicDBObject();

        newDocument.put("name", txtName.getText());
        newDocument.put("address", txtAddress.getText());
        newDocument.put("cellphone",txtCellPhone.getText());
        newDocument.put("email",txtEmail.getText());

        BasicDBObject updateObject = new BasicDBObject();
        updateObject.put("$set",newDocument);
        col.updateOne(query, updateObject);

        JOptionPane.showMessageDialog(rootPane, "Cashier Update SucessFully...!");
    }
    catch(Exception e)
    {
        JOptionPane.showMessageDialog(rootPane, "Please Select User");
    }
}

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
    try
    {
        MongoDB userDB = DBManager.getDatabase();
        MongoCollection<Document> col = userDB.getCollection("Cashier");

        Document doc = col.find(eq("_id",Integer.parseInt(txtIdFind.getText()))).first();

        Gson gson = new Gson();
        Cashier cashier = gson.fromJson(doc.toJson(), Cashier.class);

        txtID.setText(String.valueOf(cashier.getId()));
        txtName.setText(cashier.getName());
        txtAddress.setText(cashier.getAddress());
        txtCellPhone.setText(String.valueOf(cashier.getCellPhone()));
        txtEmail.setText(cashier.getEmail());
    }
    catch(Exception e)
    {
        JOptionPane.showMessageDialog(rootPane, "Please Select Cashier");
    }
}
```

This does nothing

```
product.java x ViveresPedro.java x
Source History | I F D M S C L G H P A B C D E F G H I J K L M N O P Q R S T U V W X Y Z | 
package ec.edu.espe.codeproject.model;

public class ViveresPedro {

}
```

