

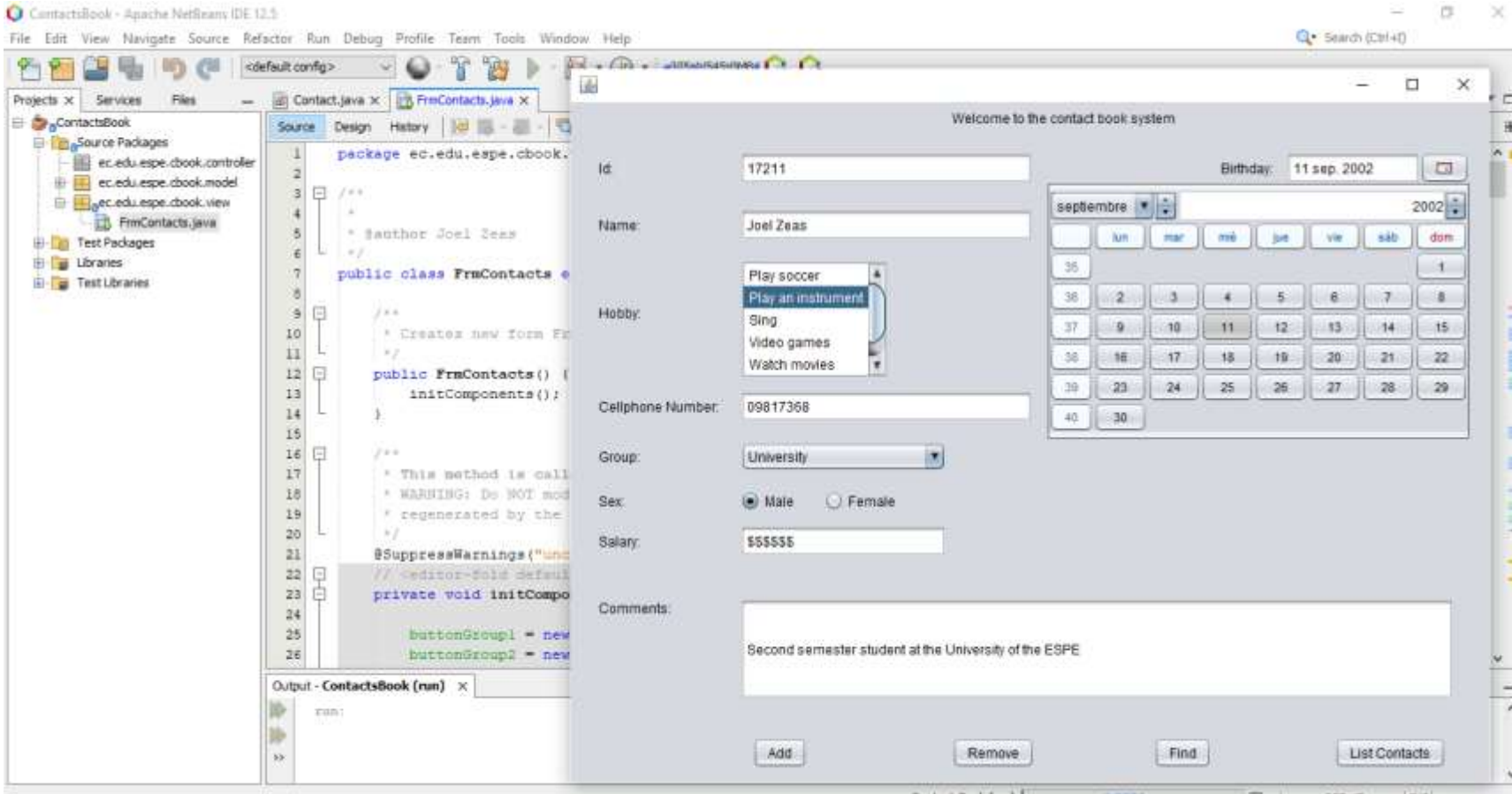
UNIVERSITY OF THE ARMED FORCES – ESPE HW14 – CRUD Operations

Name: Joel Alexander Zeas Clavijo

Date: 21th December 2021

NRC: 7490

Career: Telecommunications



The screenshot displays the Apache NetBeans IDE 12.5. The left pane shows the project structure for 'ContactsBook', including source packages, test packages, and libraries. The center pane shows the source code for 'FrmContacts.java', which is a Java Swing form. The right pane shows a preview of the application's user interface, titled 'Welcome to the contact book system'.

Source Code (FrmContacts.java):

```
package ec.edu.espe.cbook;

/**
 * @author Joel Zeas
 */
public class FrmContacts {

    /**
     * Creates new form FrmContacts
     */
    public FrmContacts() {
        initComponents();
    }

    /**
     * This method is called from within the run method to
     * initialize the form.
     * WARNING: Do NOT modify this code. It is
     * regenerated by the Form Editor.
     */
    @SuppressWarnings("unchecked")
    // <editor-fold defaultstate="collapsed" prefix="private">
    private void initComponents() {

        buttonGroup1 = new javax.swing.ButtonGroup();
        buttonGroup2 = new javax.swing.ButtonGroup();
    }
}
```

User Interface Preview:

The application window displays the following fields and controls:

- Id:** 17211
- Name:** Joel Zeas
- Hobby:** Play an instrument (selected from a list: Play soccer, Play an instrument, Sing, Video games, Watch movies)
- Cellphone Number:** 09817368
- Group:** University (selected from a dropdown)
- Sex:** Male (selected radio button)
- Salary:** \$\$\$\$
- Comments:** Second semester student at the University of the ESPE
- Calendar:** A calendar showing the month of September 2002, with the date 11 selected.
- Buttons:** Add, Remove, Find, List Contacts

Data | Cloud: MongoDB Cloud x +

cloud.mongodb.com/v2/61c32d6d71bf9459608fdb86#metrics/replicaSet/61c330f1ade0a931e9eac53f/explorer/ContactsBook/Contacts%20/find

JOEL ALEXANDER's... Access Manager Billing All Clusters Get Help JOEL ALEXANDER

Project 0 Atlas Realm Charts

DEPLOYMENT

Databases

Data Lake

DATA SERVICES

Triggers

Data API PREVIEW

SECURITY

Database Access

Network Access

Advanced

+ Create Database

NAMESPACES

CateringPlanner

ContactsBook

Contacts

SmartHome

ContactsBook.Contacts

COLLECTION SIZE: 0B TOTAL DOCUMENTS: 0 INDEXES TOTAL SIZE: 4KB

Find Indexes Schema Anti-Patterns Aggregation Search Indexes

INSERT DOCUMENT

FILTER { field: 'value' } OPTIONS Apply Reset

QUERY RESULTS 1-4 OF 4

```
_id: ObjectId("61d54608c86c8aaffe377df9")
{"id": "171211", "N_": ""}
```

```
_id: ObjectId("61d5470ac86c8aaffe377dfb")
{"id": "20857", ""}
```

1aca- ""