

UNIVERSIDAD DE GUAYAQUIL

FACULTAD DE INGENIERIA INDUSTRIAL

MATERIA:

PROGRAMACION EN AMBIENTES GRAFICOS CON ACCESO A DATOS

DOCENTE:

CESAR ALCIVAR

CURSO:

SIM-MA-3-1

NOMBRE DEL ESTUDIANTE:

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DISEÑA EL SIGUIENTE FORMULARIO EN JAVAFX

```
package application;

import javafx.application.Application;
import javafx.geometry.Pos;
import javafx.stage.Stage;
import javafx.scene.Scene;
import javafx.scene.control.Button;
import javafx.scene.control.CheckBox;
import javafx.scene.control.Hyperlink;
import javafx.scene.control.Label;
import javafx.scene.control.PasswordField;
import javafx.scene.control.ProgressBar;
import javafx.scene.control.ProgressIndicator;
import javafx.scene.control.RadioButton;
import javafx.scene.control.Slider;
import javafx.scene.control.TextArea;
import javafx.scene.control.TextField;
import javafx.scene.control.ToggleButton;
import javafx.scene.control.ToggleGroup;
import javafx.scene.layout.GridPane;

public class Main extends Application {
    @Override
    public void start(Stage primaryStage) {
        try {
            Label boton = new Label("Button: ");
            Button button = new Button("Button");
            Label check = new Label("CheckBox:");
            CheckBox checkBox = new CheckBox("CheckBox");
            Label hyper = new Label("Hyperlink:");
            Hyperlink hyperlink = new Hyperlink("Hiperlink");
            Label Toggle = new Label("ToggleButton:");
            ToggleButton toggleButton = new ToggleButton("ToggleButton");
            Label Radio = new Label("RadioButton:");
            RadioButton radioButton = new RadioButton("RadioButton");
            Label label = new Label("Label");
            Label label1 = new Label("Label :");
            Label Text = new Label("TextField:");
            TextField textField = new TextField("Some text...");
            Label Password = new Label("PasswordField:");
            PasswordField passwordField = new PasswordField();
            Label text = new Label("TextArea:");
            TextArea textArea = new TextArea("This is very long text that
will wrap to\nseveral lines.");
        }
    }
}
```

```

        Label progress = new Label("ProgressIndicator:");
        ProgressIndicator ProgressIndicator = new
ProgressIndicator(0.49);
        Label Progress = new Label("ProgressBar:");
        ProgressBar progressBar = new ProgressBar(0.67);
        Label Slider = new Label("ProgressBar:");
        Slider slider = new Slider(0, 100, 50);

// Agrupar RadioButtons
ToggleGroup radioButtonGroup = new ToggleGroup();
radioButton.setToggleGroup(radioButtonGroup);

// VBox para organizar los elementos
GridPane gridPane = new GridPane();
gridPane.setHgap(10);
gridPane.setVgap(10);
gridPane.setAlignment(Pos.TOP_LEFT);

// Add Controls to GridPane
gridPane.add(button, 0, 0);
gridPane.add(button, 1, 0);
gridPane.add(check, 0, 1);
gridPane.add(checkBox, 1, 1);
gridPane.add(hyper, 0, 2);
gridPane.add(hyperlink, 1, 2);
gridPane.add(Toggle, 0, 3);
gridPane.add(toggleButton, 1, 3);
gridPane.add(Radio, 0, 4);
gridPane.add(radioButton, 1, 4);
gridPane.add(label1, 0, 5);
gridPane.add(label, 1, 5);
gridPane.add(Text, 0, 6);
gridPane.add(textField, 1, 6);
gridPane.add>Password, 0, 7);
gridPane.add(passwordField, 1, 7);
gridPane.add(text, 0, 8);
gridPane.add(textArea, 1, 8);
gridPane.add(progress, 0, 9);
gridPane.add(ProgressIndicator, 1, 9);
gridPane.add(Progress, 0, 10);
gridPane.add(progressBar, 1, 10);
gridPane.add(Slider, 0, 11);
gridPane.add(slider, 1, 11);

Scene scene = new Scene(gridPane,600,600);

scene.getStylesheets().add(getClass().getResource("application.css").toExternalForm());
primaryStage.setScene(scene);
primaryStage.show();
} catch (Exception e) {
    e.printStackTrace();
}

}

public static void main(String[] args) {

```

```
        launch(args);
    }
}
```

• ANEXOS





