

Lab04

Shayne Lewis

100506658

Fxml file

```
<?import javafx.scene.layout.*?>
<?import javafx.scene.control.Button?>
<?import javafx.scene.control.Label?>
<?import javafx.scene.text.Text?>
<?import javafx.scene.control.TextField?>
<?import javafx.scene.control.PasswordField?>
<?import javafx.scene.control.DatePicker?>

<GridPane alignment="BASELINE_CENTER" hgap="10" vgap="10" xmlns:fx="http://javafx.com/fxml" fx:controller="sample.Controller">
  <Text text="Registration"
    GridPane.columnIndex="0" GridPane.rowIndex="0" GridPane.columnSpan="2"/>

  <Label text="Username:"
    GridPane.columnIndex="0" GridPane.rowIndex="1"/>
  <TextField id="username" fx:id="username"
    GridPane.columnIndex="1" GridPane.rowIndex="1"/>

  <Label text="Password:"
    GridPane.columnIndex="0" GridPane.rowIndex="2"/>
  <PasswordField id="passwordField" fx:id="passwordField"
    GridPane.columnIndex="1" GridPane.rowIndex="2"/>

  <Label text="Full Name:"
    GridPane.columnIndex="0" GridPane.rowIndex="3"/>
  <TextField id="nameField" fx:id="nameField"
    GridPane.columnIndex="1" GridPane.rowIndex="3"/>

  <Label text="E-Mail:"
    GridPane.columnIndex="0" GridPane.rowIndex="4"/>
  <TextField id="emailField" fx:id="emailField"
    GridPane.columnIndex="1" GridPane.rowIndex="4"/>

  <Label text="Phone #:"
    GridPane.columnIndex="0" GridPane.rowIndex="5"/>
  <TextField id="phoneField" fx:id="phoneField"
    GridPane.columnIndex="1" GridPane.rowIndex="5"/>

  <Label text="Date of Birth:"
    GridPane.columnIndex="0" GridPane.rowIndex="6"/>
  <DatePicker id="birthField" fx:id="birthField"
    GridPane.columnIndex="1" GridPane.rowIndex="6"/>

  <HBox spacing="10" alignment="bottom_left"
    GridPane.columnIndex="1" GridPane.rowIndex="7">
    <Button text="Register"
      onAction="#handleSubmitButtonAction"/>
  </HBox>

  <Text fx:id="actiontarget"
    GridPane.columnIndex="1" GridPane.rowIndex="8"/>
</GridPane>
```

Controller.java

```
import javafx.scene.text.Text;

public class Controller {

    @FXML
    private Text actiontarget;
    @FXML
    private TextField username;
    @FXML
    private PasswordField passwordField;
    @FXML
    private TextField nameField;
    @FXML
    private TextField emailField;
    @FXML
    private TextField phoneField;
    @FXML
    private DatePicker birthField;

    public void handleSubmitButtonAction(ActionEvent actionEvent){
        actiontarget.setText("Registration complete.");
        System.out.println("Username: " + username.getText());
        System.out.println("Password: " + passwordField.getText());
        System.out.println("Full Name: " + nameField.getText());
        System.out.println("E-Mail: " + emailField.getText());
        System.out.println("Phone #: " + phoneField.getText());
        System.out.println("Date of Birth: " + birthField.getValue());
    }
}
```

GUI Window with my inputs.

Lab04

Registration


Username:

Password:

Full Name:

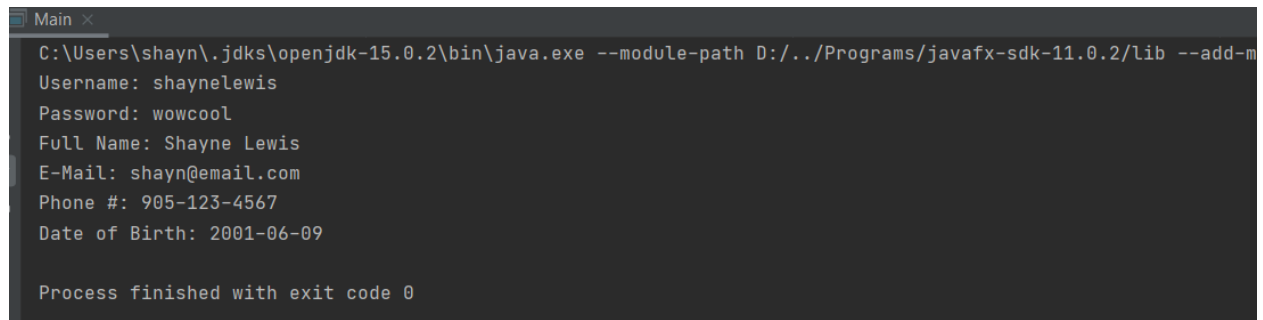
E-Mail:

Phone #:

Date of Birth: 

Registration complete.

Console output from inputs entered in GUI.



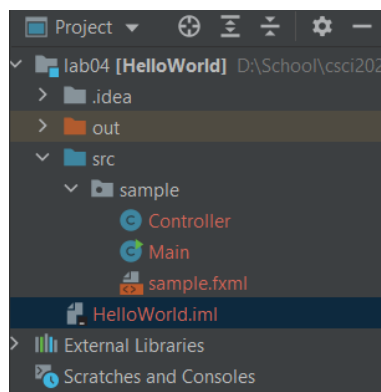
```

Main x
C:\Users\shayn\.jdk\openjdk-15.0.2\bin\java.exe --module-path D:\..\Programs/javafx-sdk-11.0.2\lib --add-m
Username: shaynelewis
Password: wowcool
Full Name: Shayne Lewis
E-Mail: shayn@email.com
Phone #: 905-123-4567
Date of Birth: 2001-06-09

Process finished with exit code 0

```

Local repository



Github repository

https://github.com/shayne-lewis/csci2020u_shaynelewis