

## **Homework Assignment 1**

**INFO 5100/Fall 2020**

The objective of this assignment is as follows:

- 1) Learn how to read and write to java objects (components)
- 2) How to move data from the user to the backend and vis-versa
- 3) How to pass more than one parameter from the JFrame to the JPanel

You are to write a Java/Swing application to prepare and print a report of personal information involving the following aspects of a person

- 1) Demographic info such first name, last name, phone number, date of birth, age, height, weight, social security number
- 2) Address information: street address, city, state, and zip code
- 3) Saving account information: Bank name, bank routing number, bank account number, account balance, account type (saving)
- 4) Checking account information: Same as above except the type value will be checking.
- 5) Driver's license information: License number, date it was issued, date of expiration, blood type, and a picture.
- 6) Medical Record: Medical record number, Allergy1, Allergy2, Allergy3

Your job is to define create/view JPanels for each of the 6 components above. In addition, prepare a report JPanel to display all the data gathered in 1 through 6 on one single panel. The layout of the report must look professional using the right font sizes and colors. Good alignment is a must. You will be graded on proper use of colors as well. Ask someone to give feedback on the look and feel of your report screen.

### **Hints:**

Study lab 1 for a good example of what you need to do. It is not quite the same but helpful.

Make sure you know how to use the report JPanel constructor to pass all components at once for report printing. How to insert a picture is a challenge that you need to figure on. You should worry about this last.

### **Due date**

Sun the 19<sup>th</sup> of Jan at 11:59 PM on Github