

COMP 306 – Fall 2018 – Assignment 04
Due: Monday, 1 Oct, beginning of class

Problem: This assignment is an extension of assignment 3. We still want to create an address book app. In this assignment we'll practice separating model and presentation and in using Flexbox. The app will work the same as in assignment 3, but now we'll separate the Person class from the main app; the Person class must be in a different file from App.js. Store it in a file named Person.js. Also, we want to have the personal information (name, age, email) displayed in a different font and color than the "Legal/Not Legal" field. So we'll create two different presentation files, one for the information (first/last name, email, age) and one for the "Legal/NotLegal" field. You can style the TextInput fields however you like (as long as they're styled). Instead of a text field for the "onPress" event you must use a button. The rest of the app will be the same as in assignment 3.

Here are the instructions from assignment 3:

Instead, we'll just create an app that allows me to enter the items below for a person. Store all the information in the app state and refresh that state in a separate class from the exported class. Note that you will only store the information for one person at a time in your state; we haven't talked about lists yet. When new information is entered, the old person will disappear.

Allow the user to enter the following information:

First Name
Last Name
Email address
Age

You must store the information for each person in the app *state* using a class named *Person*.

The app must have a Text field separate from the TextInput fields used for entering text. In this Text field display all of the person's information with the name (first and last), email and age on separate lines.

The app must have a second Text field that displays the words "Legal" or "Not Legal" based on the age (≥ 21 is legal).

Your app must have a *button* with the text "update". Update the displayed text with the text in the input fields when this text box is touched.

Your app must be styled in an aesthetically pleasing way. This will be graded.

Submission. I'll look at your app in class. Zip your files and submit them through Sakai.