

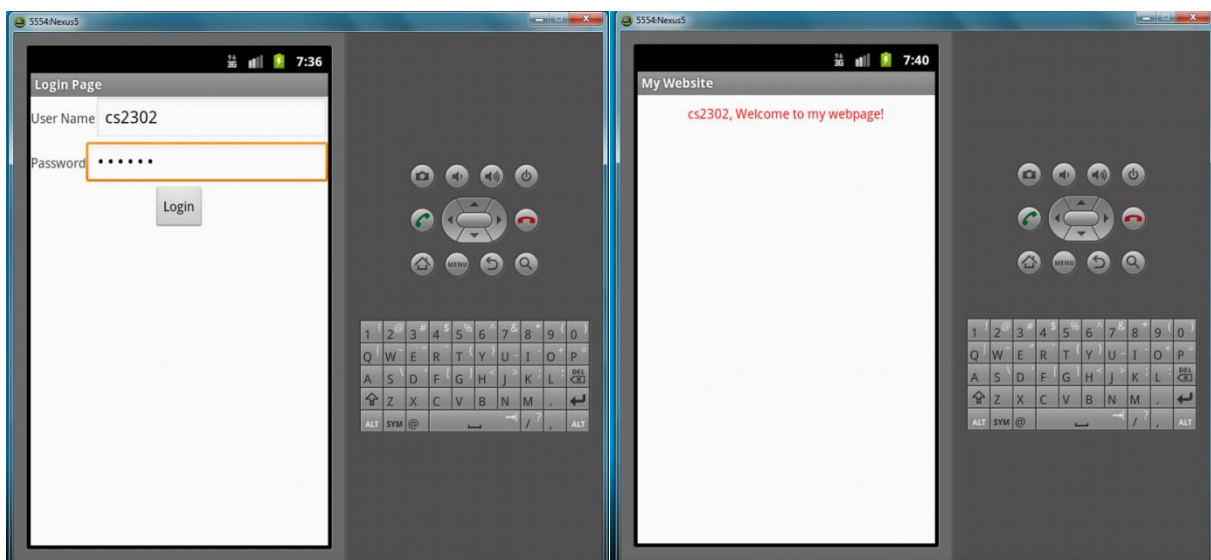
# CS4322 Lab 4

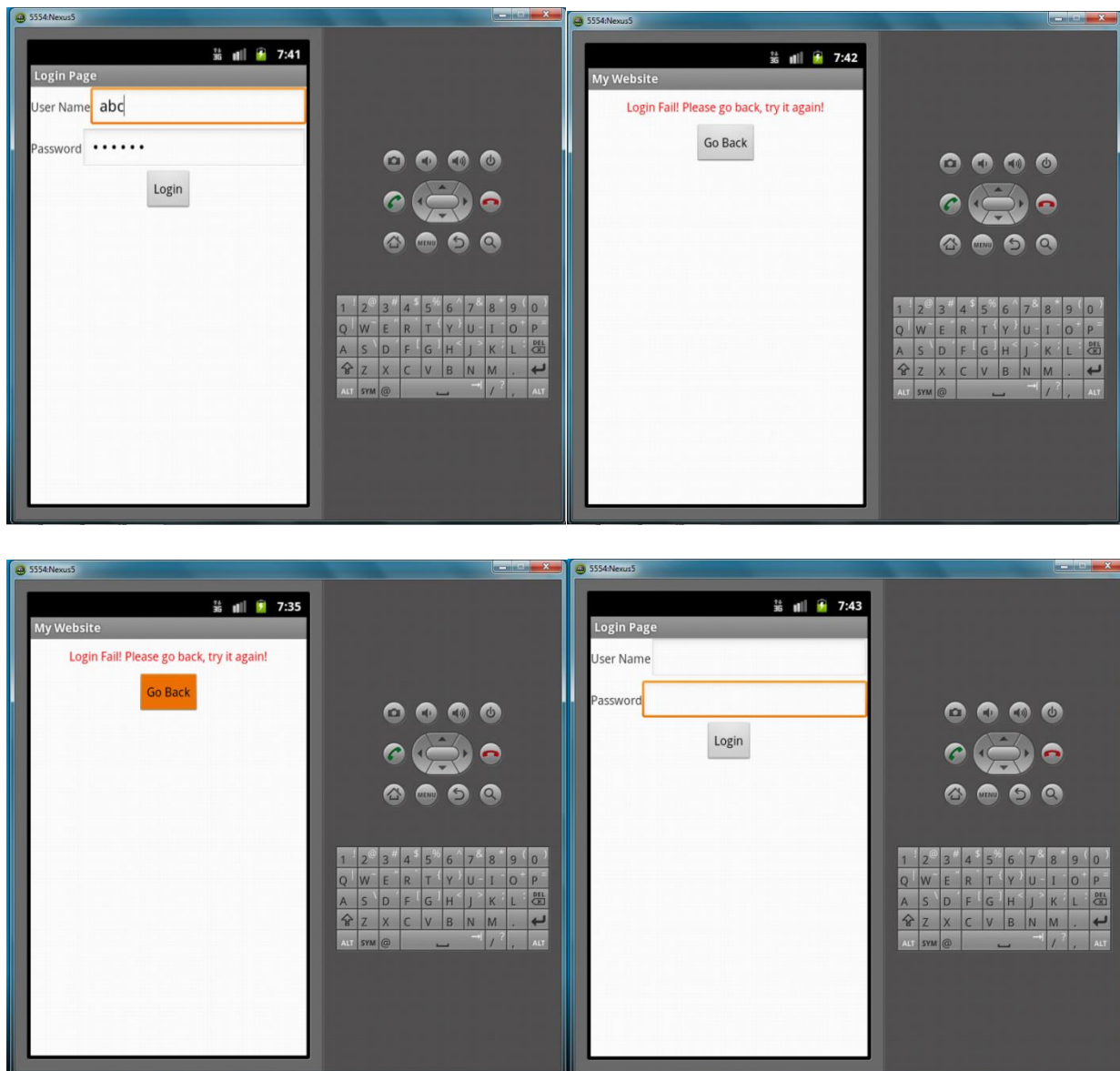
## Requirements

The application will let the user enter user name and password in one activity, and then display some prompt information on another activity. Here are the important characteristics:

- There should be two components for the user to enter the user name and password in the first activity. Each of these should have a descriptive label to the left. The two input components should appear above each other.
- There should be a button to cause the addition to happen in the first activity.
- Use a vertical linear layout with horizontal layouts to get the screen to look as much like the sample as you can. Make sure the action button is centered.
- Use string resources for the various labels on the application.
- If the inputted user name and password are matched, then display some congratulation messages on another activity.
  - For simplicity, set the valid user name to “cs4322”, and set the password to “123456”.
- Otherwise, display login failed messages on another activity.
  - In the second activity: There should be a component to display login failed information. Moreover, there should be a button placed under the display component. When the user clicks on the button, the application goes back to the previous login activity.

Here are the screenshots of the lab application:





There are several important points that are general requirements for labs in this course:

- Use a separate Android Studio project for each lab, unless otherwise instructed.
- Include a comment at the beginning of each source file (.java file) you submit that includes your name and the lab date.
- Names for variables and other program components should be chosen to help convey the meaning of the variable.
- Turn in an archive of the entire Android Studio project for each lab. Do not attempt to turn in individual files, some course management systems mangle such files.

Submit your work using the appropriate link in Desire2Learn.