

Homework #5– Supporting Different Device Orientations

CIS380 –Summer 2015

Due Date: 8pm, July 16, 2015

Learning Objectives

- Understanding autorotation / device orientation.
- Developing familiarity with Auto Layout in iOS.

Part 1 - Supporting Landscape/Portrait in the Distance Calculator App

Make the distance calculator support ALL FOUR different positions (e.g. portrait, upside down, landscape left and landscape right.) Use Auto Layout as demonstrated in class to make sure the app looks reasonably good in every orientation as shown in Figure 1 below.

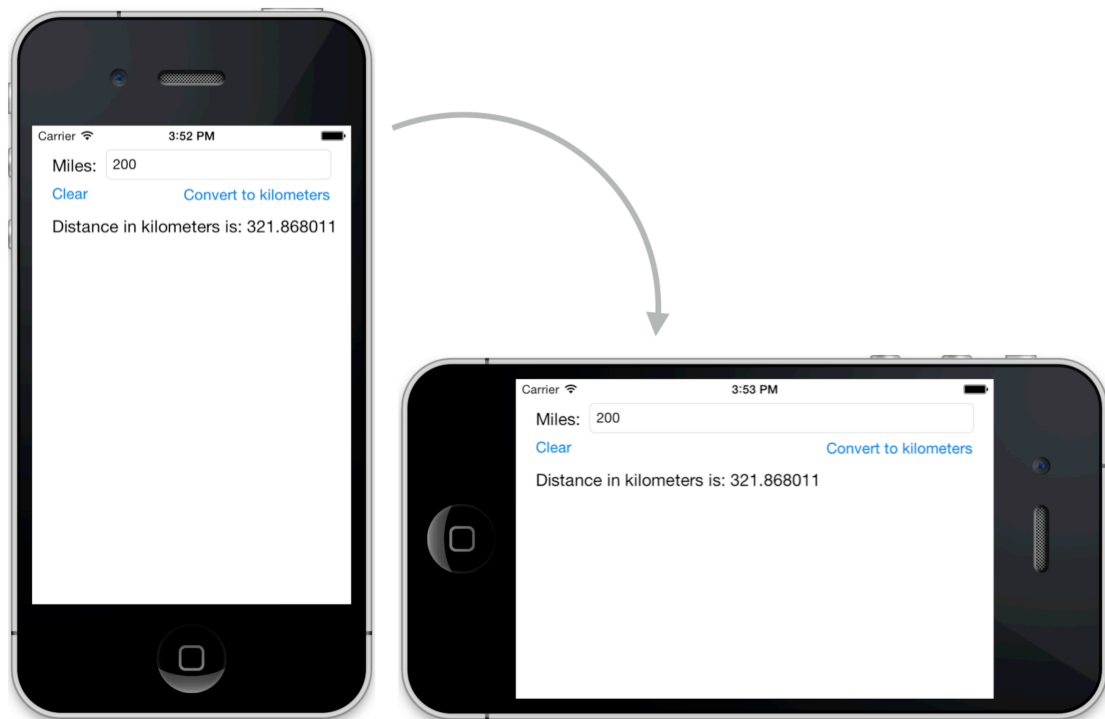


Figure 1. The Distance Calculator in various orientations.

Part 2 - Supporting Landscape/Portrait in the Simple Contacts App

Make the simple contacts app support portrait, landscape left and landscape right.) Use Auto Layout as demonstrated in class to make sure the app looks reasonably good in every orientation as shown in Figure 2 below. In addition, assume that some day our app will have a profile picture for each contact. On the detail screen make sure you add a filler image (of your choice) on this screen.

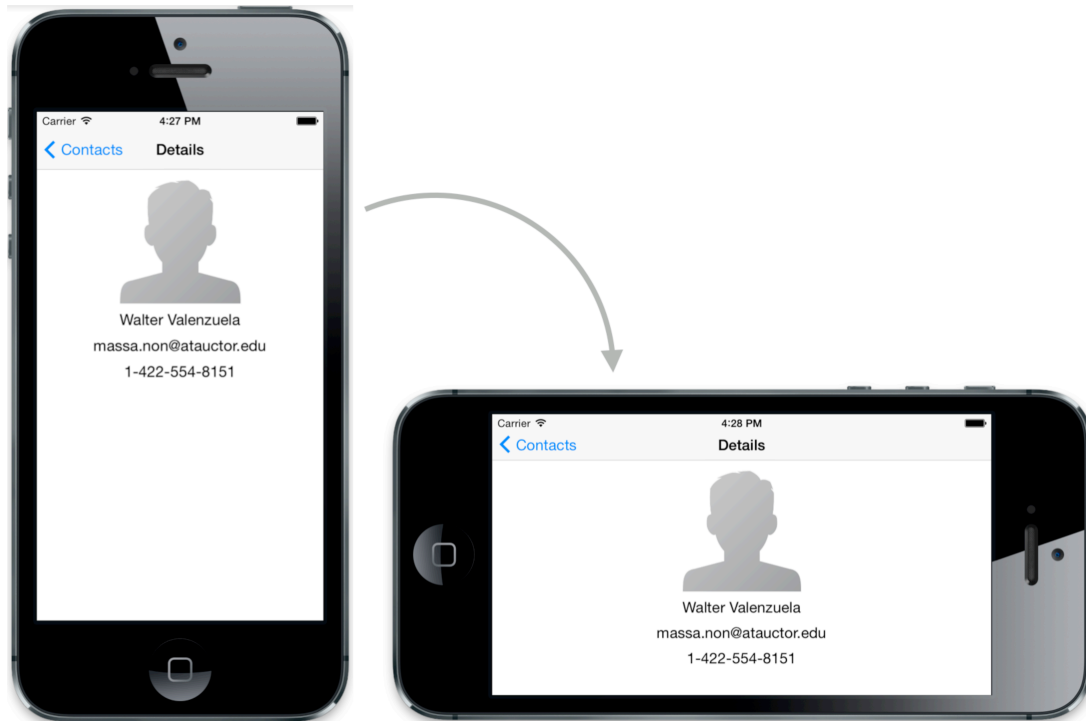


Figure 2. Detail screen with filler profile image in the Simple Contacts app.

Deliverables

To receive credit for your homework, you must:

- Provide demos of your apps running to the instructor in the classroom on the due date.
- Create a zip archive of your entire project folder and name it Lab05-TeamDD.zip where DD is replaced with your team number. Upload your zip archive to DropBox or equivalent and email a public link to the instructor (jonathan.engelsma@gvsu.edu) with the email subject set to Lab05-TeamDD. Failure to follow naming instructions correctly means your homework will not get graded and you will get a zero!