

school of computing, informatics, & decision systems engineering

CSE 335- Fall 2021

In-Class: Lab 5

15 Points (Due: Sunday Oct 10th 11:59 pm)

Objectives: Further enhance the knowledge about using storyboard to develop multi-view iPhone apps using table views and incorporating core data to store data permanently on the device.

Review: Read Core data lecture notes and program examples that demonstrate core data, configuration video, and storing images in core data posted Week 7 module. The tableViewCoreData example posted under module 7 demonstrate how to use photo library to images to table view entries.

Lab: During this lab, you will develop a simple table view application that represents a list of smart device.

Each device should have the following information:

- a) Device Name
- b) Picture of the device
- c) A Small description of the device.

Table row should have (a) and (b) above.

Once user selects a device, app should go to the detail view. The detail view should show the name of the device selected, a picture of the device, and a small description (one sentence is sufficient).

Your application should have the options to take a picture from the camera or use the photo library. If you do not have an apple device to test the camera, test your application with photo library.

You should be able to add and delete devices in your App. Your table can be empty during the first invocation of the app. Then, use the add functionality to add records.

Requirements:

a) You need to follow the design/implementation structure similar to the fruit table (no sections and needed) that we have discussed in the class. **Use Core data** to store data permanently on the device

b) Your design and implementation should follow the MVC architecture.

Submission Instructions

Submit online to the canvas using the link given under Lab5