



## iOS Application Development

# CollegeProfileBuilder1 App

**MVP:** As a user, I want to see three colleges listed in a table view.

As a user, when I select a college from the list, I want to see the name, location, number of students and an image of the college in a new view controller.

*HINT:* The college's: name, location, numberOfStudents, and image should be in a custom swift class called College

**Stretch #1:** As a user, I want to see the college name as the title and location listed as the subtitle in the table view.

**Stretch #2:** As a user, I want to click a button and have an alert controller allow me to create a new college by giving the name, location and number of students.



**MOBILE MAKERS ACADEMY**

223 W Erie, Suite 4NW, Chicago, IL 60654

[www.mobilemakers.co](http://www.mobilemakers.co)

© 2016 Mobile Makers Academy, LLC

**Stretch #3:** As a user, I want to delete a college from the list.

**Stretch #4:** As a user, I want to change the order of the colleges in the list.

**Stretch #5:** As a user, I want to change the details of the college from the details view controller.

### **Skills Used for College Profile Builder 1**

1. Create a custom class
2. Instantiate Object of custom class
3. Implementing a UITableView
4. Using Delegate and Datasource
5. Creating Segue
6. Passing Data through segue
7. Creating UIAlertController with textfields
8. Edit a table view



**MOBILE MAKERS ACADEMY**

223 W Erie, Suite 4NW, Chicago, IL 60654

[www.mobilemakers.co](http://www.mobilemakers.co)

© 2016 Mobile Makers Academy, LLC