

## Assignment 2 — The “Acquaintance” App

**Due: Dec. 2, 2016**

In this assignment, you are going to complete the “acquaintance” app we created in the class with persistence and extra fields for acquaintance.

Here are the requirements of this app:

1. Complete the functions described in Acquaintance.pdf and Persistence.pdf
2. Add three extra fields to the Person class:
  1. email
  2. phone number
  3. the category of the person, e.g., colleague, class-mates, clients, teachers, dentist, etc. Please make up five categories. You should add a category row with an accessory view in the Detail page. When the user taps this row, the category page will be shown to let the user pick a category. By default, no category is chosen.

The user should be able to send emails and make phone calls in this app

3. You should submit two versions for this app:
  1. Persistence with archiving for
  2. Persistence with Core Data

Bonus:

1. Keep track of how many times a user has made contacts (i.e. emails and phone calls) with every acquaintance. Based on that number, divide all acquaintance into three sections: very familiar, have knowledge, barely know. Display the acquaintance list in those sections.