ITP 342 Lab 4

Goal
- You will improve your **Quotes** app from Lab3.
- It will have a tab bar for two views – one to display a quote and one for the table of quotes.
- The tab bar item (Library) that displays a table of quotes will allow the user to add and delete quotes.
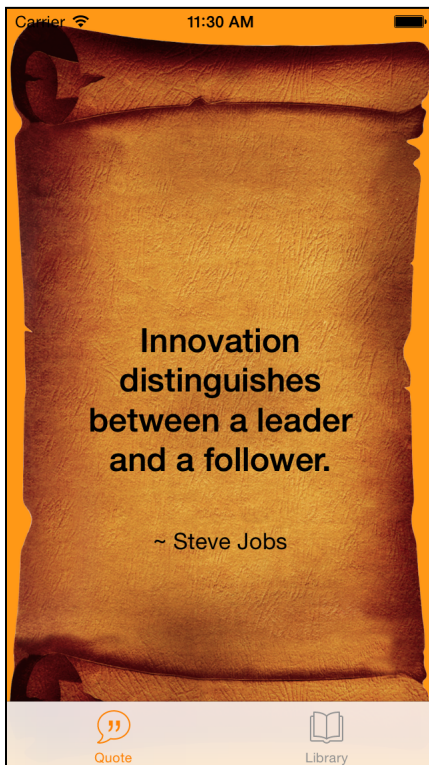
Assignment
- Duplicate the high-level Quotes (or Lab3) folder and rename to Lab4.
- Update the QuoteViewController:
  - Embed the view controller that displays a single quote and author in a tab bar controller.
- Create the TableViewController (or LibraryViewController) (Table View project):
  - Use a UITableView to display the quotes from the model.
  - Add a nav bar on top (or embed in a Navigation Controller). Enable the Edit nav bar item and add a bar button item for Add.
- Create the InputViewController (or AddQuoteViewController) (Input View project):
  - Add a nav bar on top and add bar button items for Cancel and Save.
  - Create a text field to input a quote.
  - Create a text field to input an author.
  - Implement the UITextfieldDelegate methods to enable/disable the Save button. It should be enabled when there is text in both text fields.
- Update the TableViewController:
  - Create a manual segue from the Add button to the InputViewController.
  - Implement the prepareForSeque: method.
- Update the Quotes project:
  - Update the tab bar to add an item for TableViewController.
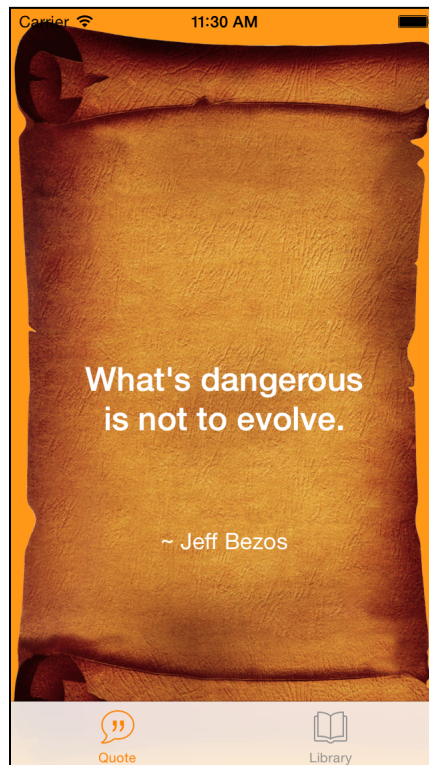 - Update the model to use a singleton and update the view controllers.

Grading (50 pts)

- Tab bar with icons: 5 pts
- Table of quotes: 15 pts
  - 5 for table shows quote and author
  - 5 for add
  - 5 for delete
- Text input for new quote & updates model: 15 pts
  - 5 for enable/disable Save button (text in both textfields)
  - 5 for completion handler
  - 5 for updating new quote and author
- Singleton for data model: 5 pts
- Autolayout: 5 pts
- App icon image: 5 pts
- Points will be deducted for not having your name at the top of every Objective-C file.
- Do not share your code with other students. Do not accept code from other students. If you need help, ask the lab assistants and instructor.
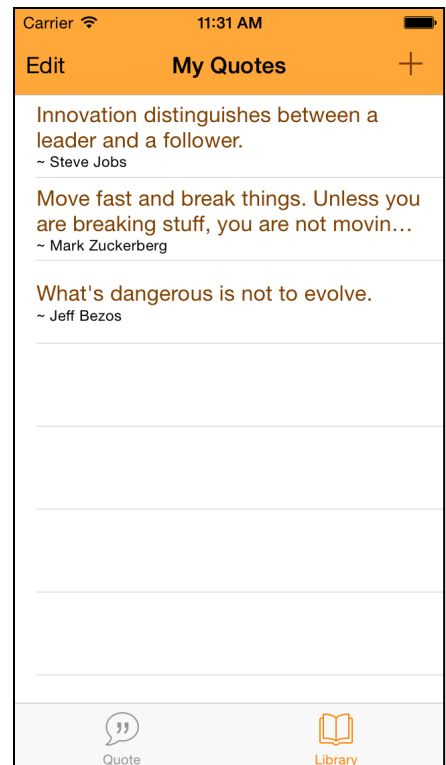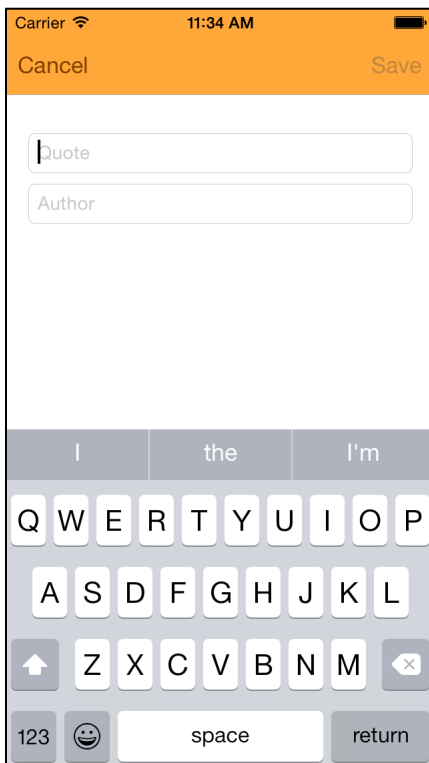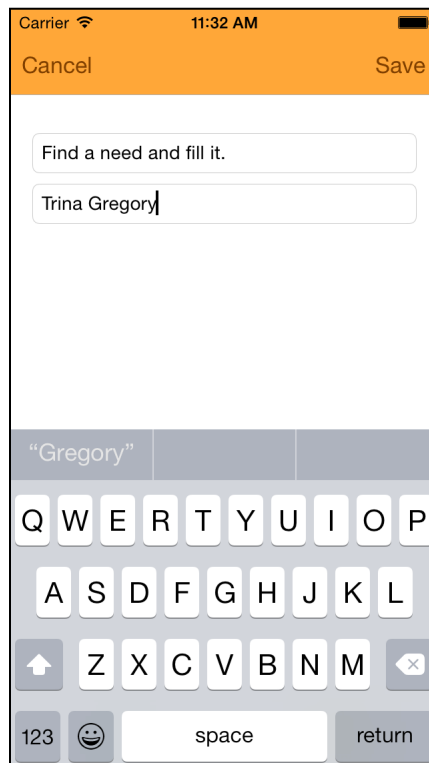
Single Tap – Quote 1

Carrier 📶 11:30 AM 🔋

Innovation
distinguishes
between a leader
and a follower.

~ Steve Jobs

Quote   Library

Single Tap – Quote 2

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What's dangerous
is not to evolve.

~ Jeff Bezos

Quote   Library

Library of Quotes

Carrier 📶 11:31 AM 🔋

Edit   **My Quotes**   +

Innovation distinguishes between a
leader and a follower.
~ Steve Jobs

Move fast and break things. Unless you
are breaking stuff, you are not movin…
~ Mark Zuckerberg

What's dangerous is not to evolve.
~ Jeff Bezos

Quote   Library

Add

Carrier 📶 11:34 AM 🔋

Cancel   Save

Quote

Author

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Q W E R T Y U I O P
A S D F G H J K L
⇧ Z X C V B N M ⌫
123 ☺ space return

Add Quote

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Cancel   Save

Find a need and fill it.

Trina Gregory

"Gregory"

Q W E R T Y U I O P
A S D F G H J K L
⇧ Z X C V B N M ⌫
123 ☺ space return

Edit

Carrier 📶 11:33 AM 🔋

Done   **My Quotes**   +

⊖ Innovation distinguishes between
a leader and a follower.
~ Steve Jobs

⊖ Move fast and break things.
Unless you are breaking stuff, y…
~ Mark Zuckerberg

⊖ What's dangerous is not to
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d a need and fill it.   **Delete**
a Gregory

Quote   Library

Tab Bar Controller

Tab Bar Controller

Quote   Library

Quote

Quote

Library

Navigation Controller

Library

My Quotes

My Quotes   +

Prototype Cells

Title
Subtitle

Table View
Prototype Content

Add Quote View Controller

Cancel   Save