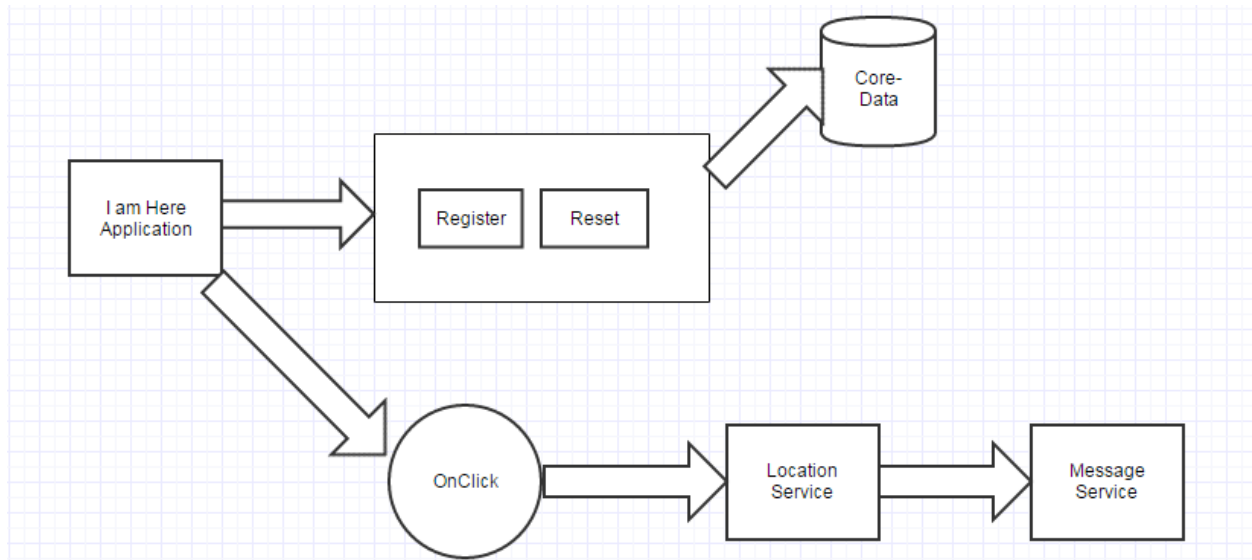


I am Here

Goal of the App:

"I am Here" application is a handy tool for informing a person about the current location on a button click.

High-level architecture:



IOS techniques:

The application has,

Tabbed View Controller: Main View and Setting View

Core-Data: To save the information stored by the user and retrieve it when required.

Example Scenario:

The Settings screen has an input criterion where the user can enter the name and phone number of the person to whom they want their location details frequently updated. It has a register and reset option available.

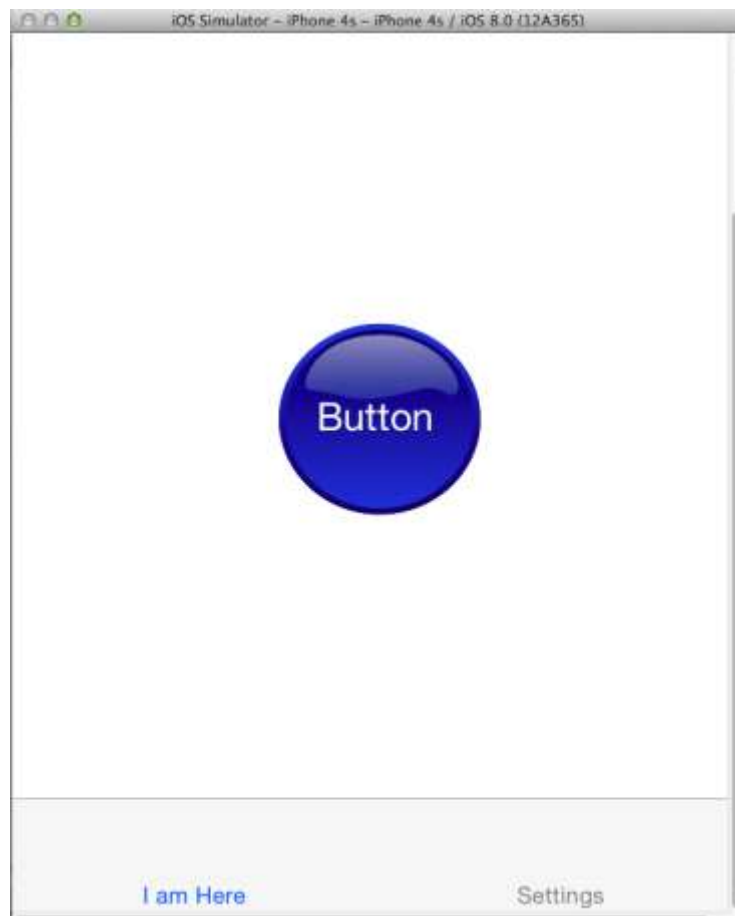
The main Screen contains a simple button, which when pressed invokes the location services and sends the registered user a message about the current location.

Concepts used while implementation:

1. **Core-Data** is used as the data saving mechanism. Here the name and the phone of the desired person is saved in memory
2. **Messaging system:** Sends the message instantaneously to the registered user based on the location service output whenever the button is clicked.
3. **Location Services:** Gathers the current location of the person and geo-codes them to the address of the location.

Testing Snapshots:

Tested on Simulator: (Iphone not registered with Professor's account)



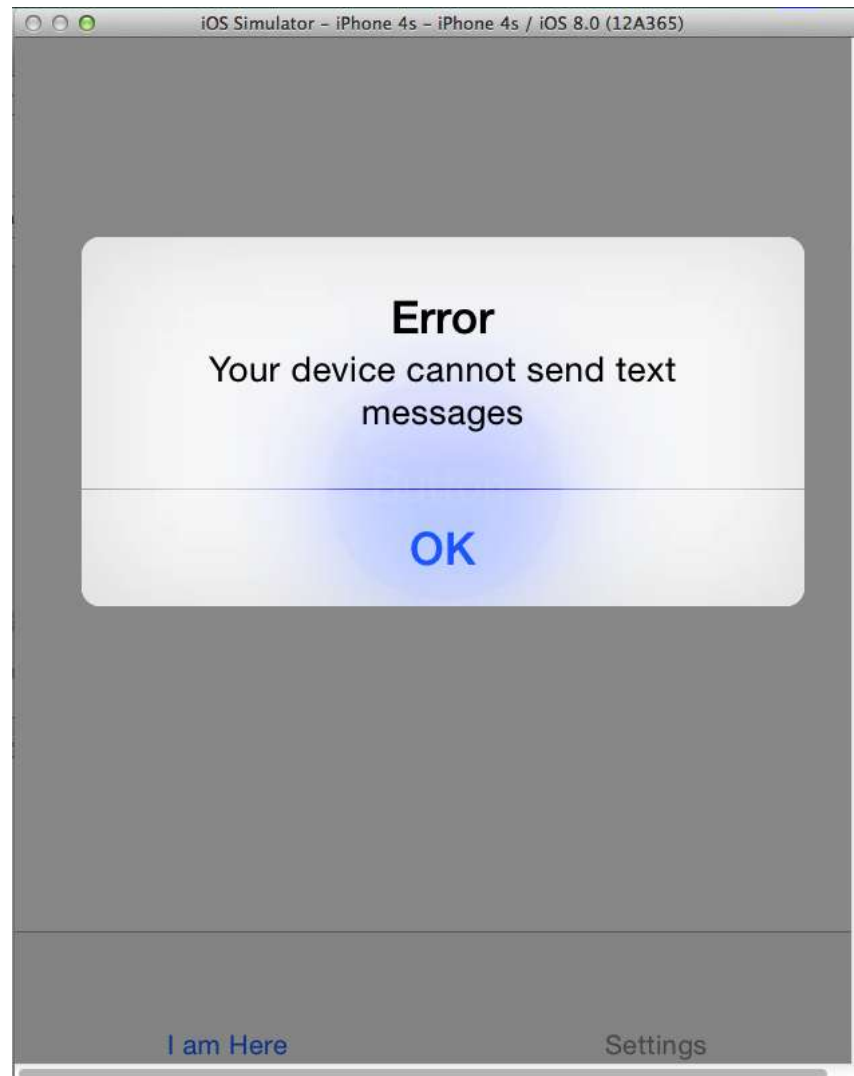
iOS Simulator - iPhone 4s - iPhone 4s / iOS 8.0 (12A365)

Name

Phone No

[Register](#) [Reset](#)

[I am Here](#) [Settings](#)

**Future Enhancements:**

- Pulling up contacts from the phone
- Multiple contacts being informed on one click
- Displaying a live map / sharing the current location map