

## Quick Start Guide

1. Start Sakai
  - a. If using demo, run start-sakai.sh (Unix) or start-sakai.bash (Windows)
  - b. Otherwise, compile and run source. For Help:  
<http://confluence.sakaiproject.org/display/DOC/Sakai+2.7>
2. Verify LAMP is running
  - a. Necessary for PHP in mobile site
3. Verify Sakai is running
  - a. Navigate to <http://some.url.com:8080/portal>
  - b. You should see a Sakai Login page
4. Navigate to mobile page
  - a. Default: http://some.url.com:8888/Framework
5. Log in
  - a. Sample
    - i. Username: admin
    - ii. Password: admin
  - b. Or
    - i. Username: test
    - ii. Password: pass
6. Use the system!
  - a. Navigate to announcements, class, or assignment's by date from the homepage
  - b. Email professor, navigate to roster, class assignments, or class assignments by date from class page
  - c. Email user from roster page
  - d. Back buttons always on top left corner
  - e. Log out always at top right corner
  - f. For more info, see User Instructions (Pg 4)

## **System Requirements**

Sakai:

- Java 1.6
  - JAVA\_HOME environment variable set
- Apache Maven 2.0.1+ (Included in demo)
- Apache Tomcat 5.5.3 (Included in demo)
- MySQL 5.1+ (Included in demo)

Mobile:

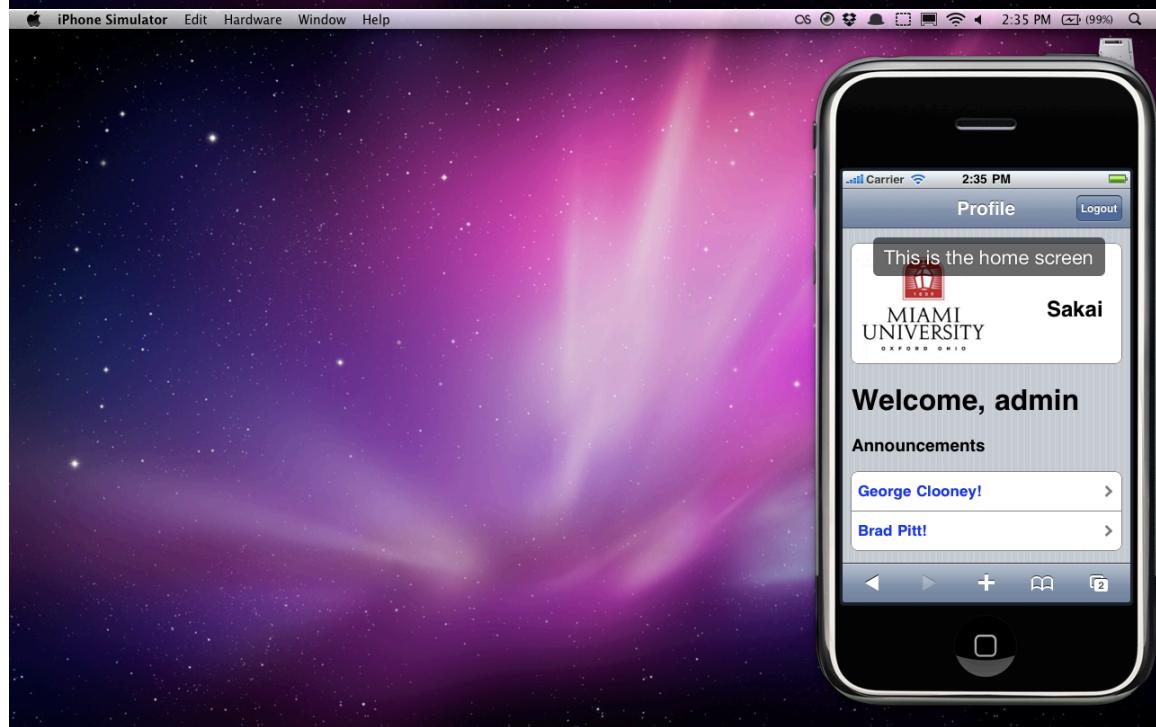
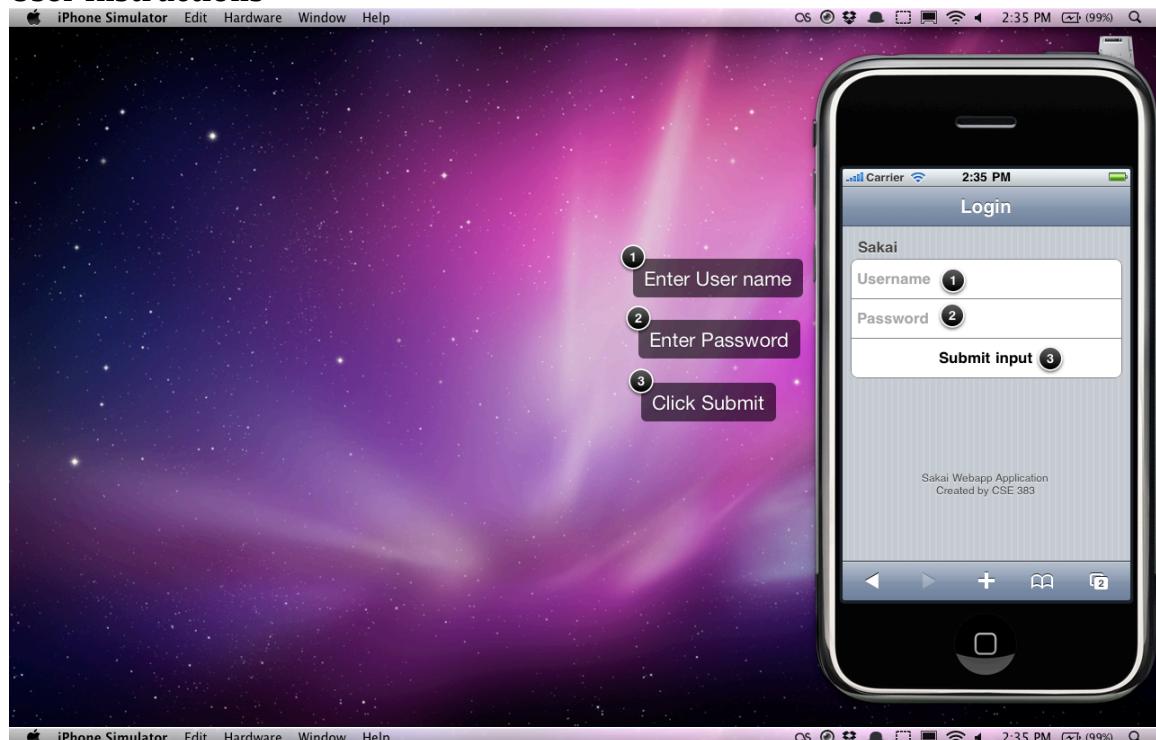
- Apache HTTP Server (or equivalent)
- PHP

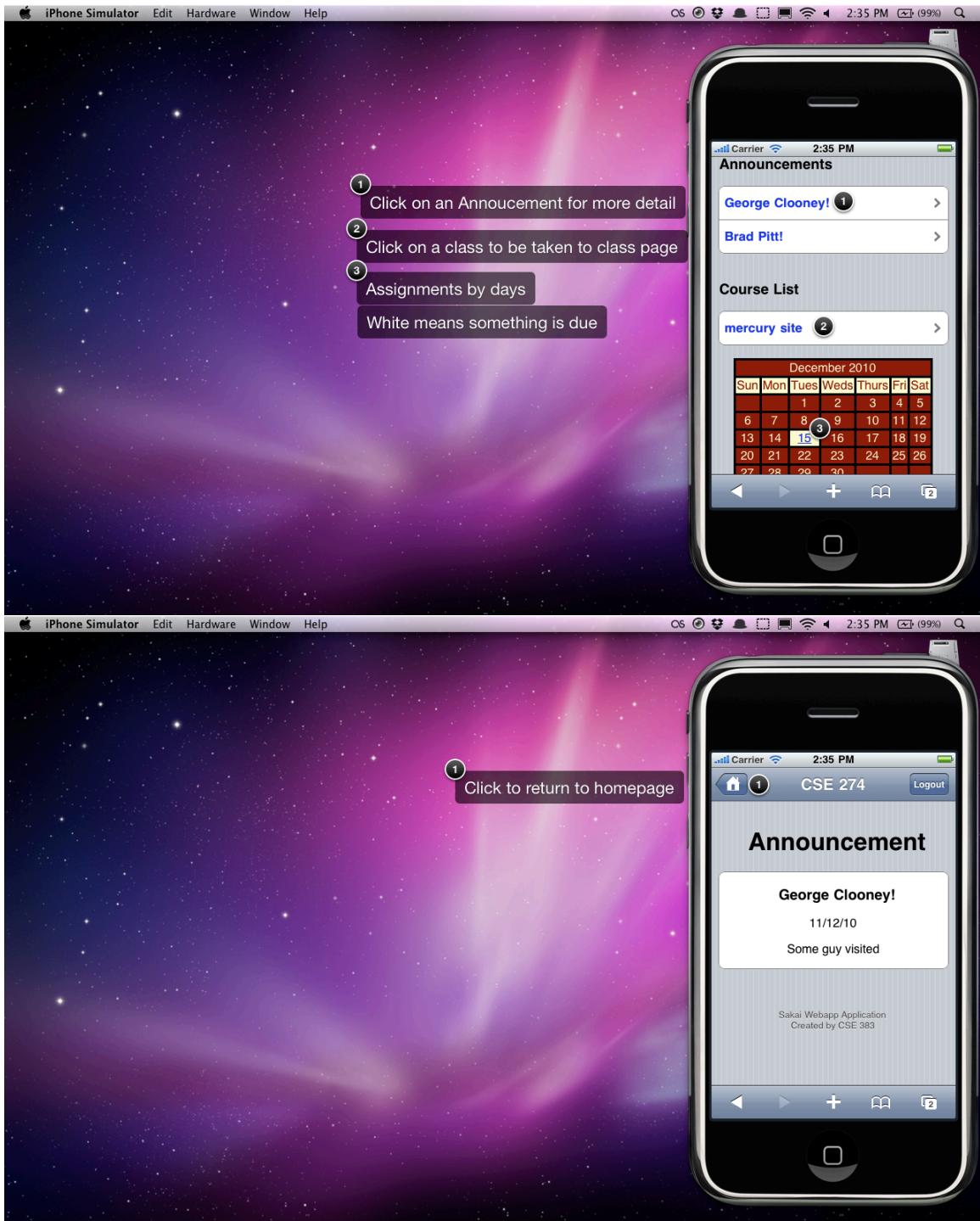
## **Installation Instructions**

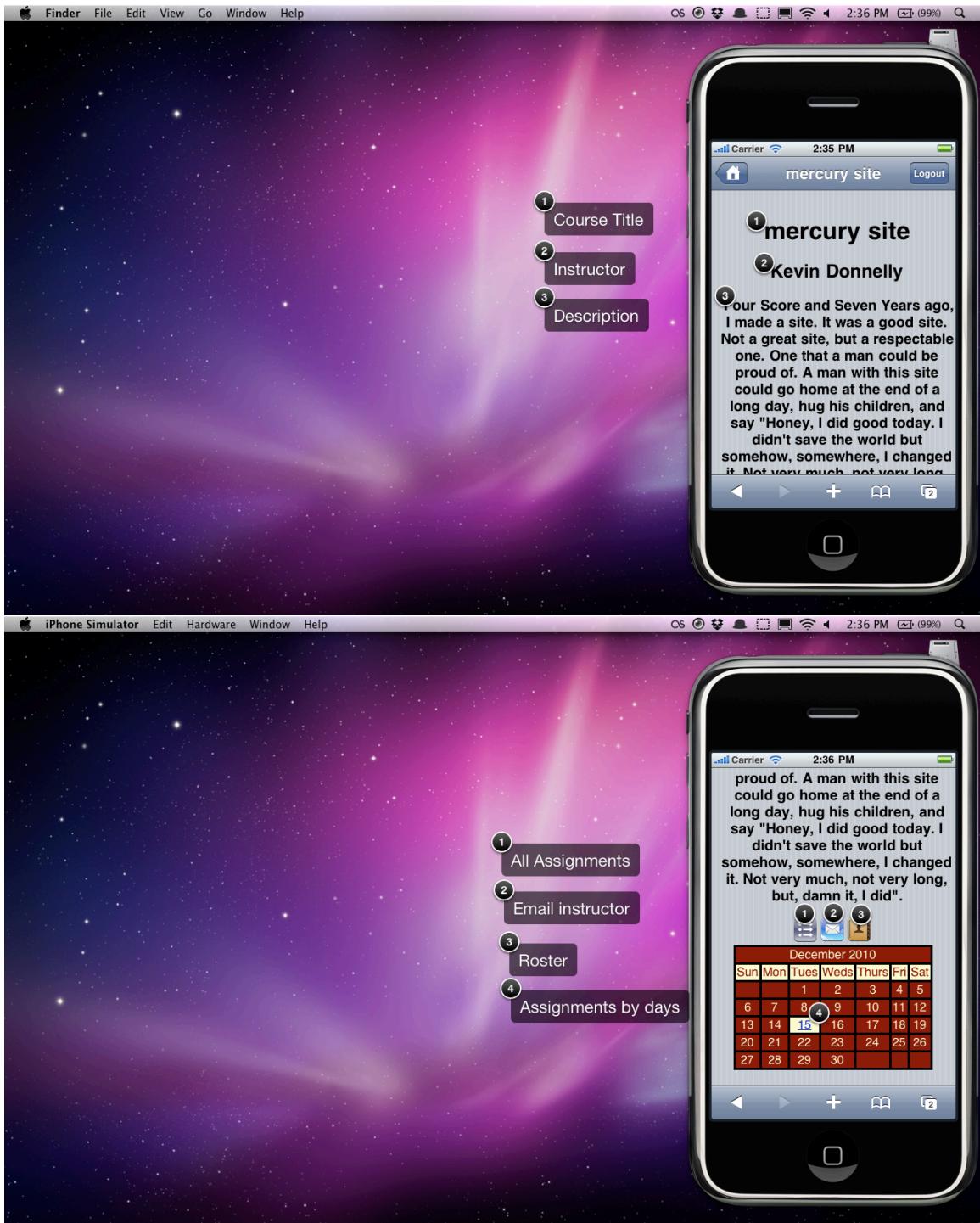
Assuming demo of Sakai downloaded. If compiling from course, follow instructions from found [here](#) until you get it running then follow these instructions)

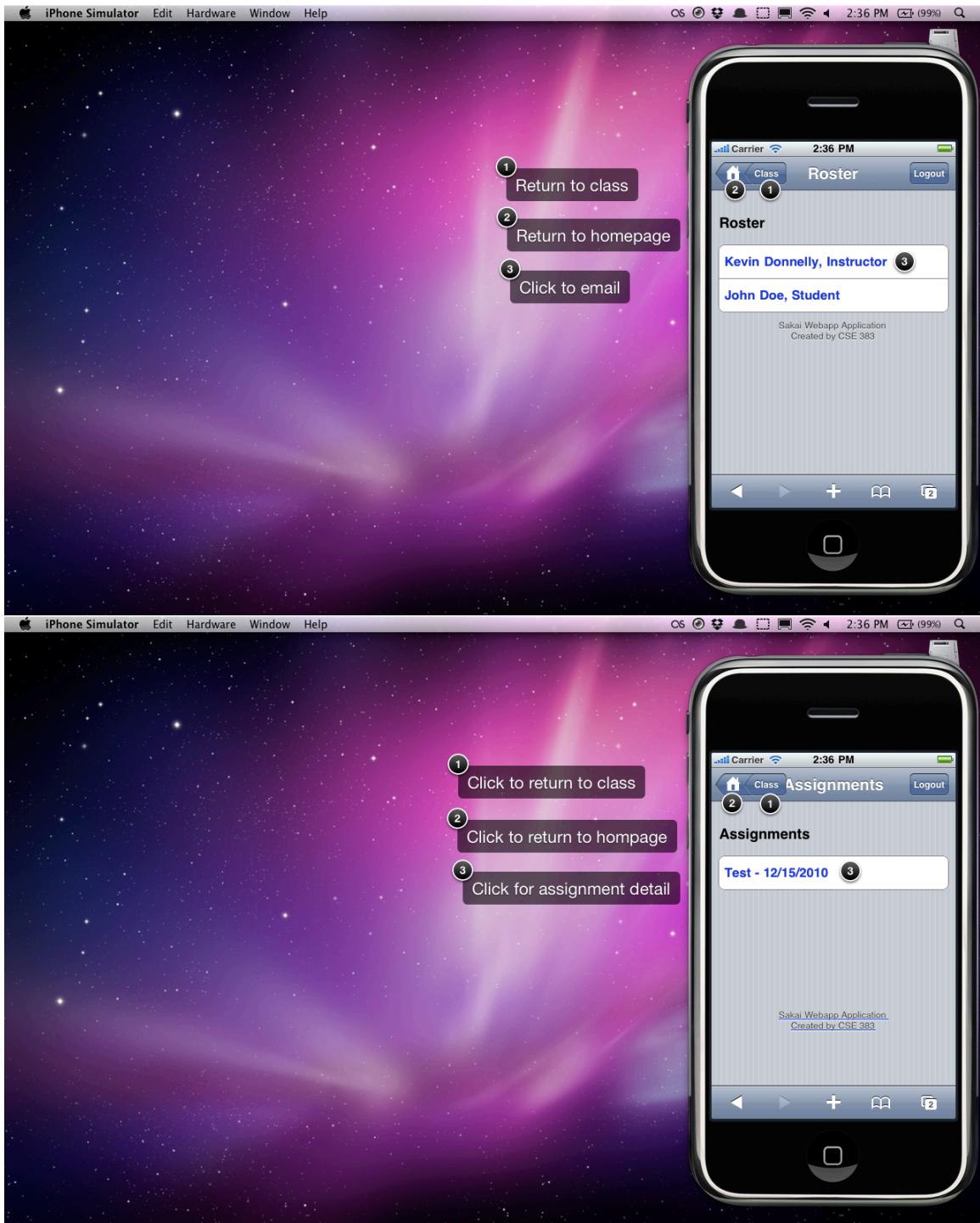
1. Install our custom Web API's (SakaiMobileScriptC.jws)
  - a. Copy file into ./webapps/sakai-axis
    - i. Similar files will be in this folder (ex. SakaiLogin.jws, SakaiScript.jws)
2. Install Mobile files
  - a. Copy to public\_html of your server
3. Start Sakai
  - a. Run start-sakai.sh (Unix) or start-sakai.bash (Windows)
4. Adding content
  - a. Log in: admin, admin
  - b. Add users:
    - i. Left hand toolbar, click Users
    - ii. Click New User & input account details
  - c. Adding site:
    - i. Left hand toolbar, click Sites
    - ii. Click New Site & input any data
      1. If you want the site to show up in Mobile type must equal (without the quotes, all lower case) "course"
  - d. Adding pages to site
    - i. Left hand toolbar, click Sites
    - ii. Click on the site to edit
    - iii. Scroll down and click Pages under Add/Edit Pages
    - iv. Click New Page
    - v. Add title
    - vi. Add tool (Ex Assignments, Site Info)
    - vii. Save
  - e. Adding assignments
    - i. Navigate to site (Upper navigation bar)
    - ii. Click Assignments
    - iii. Click New Assignment
    - iv. Add necessary information
    - v. Save
  - f. Adding user to Site
    - i. Navigate to site
    - ii. Click Site Info (Left hand toolbar)
    - iii. Click Add Participant (Upper toolbar)
    - iv. Add the username
    - v. Click Continue
5. Using Mobile site
  - a. Navigate to <http://some.url.com:8080/Framework> (default) and use mobile site

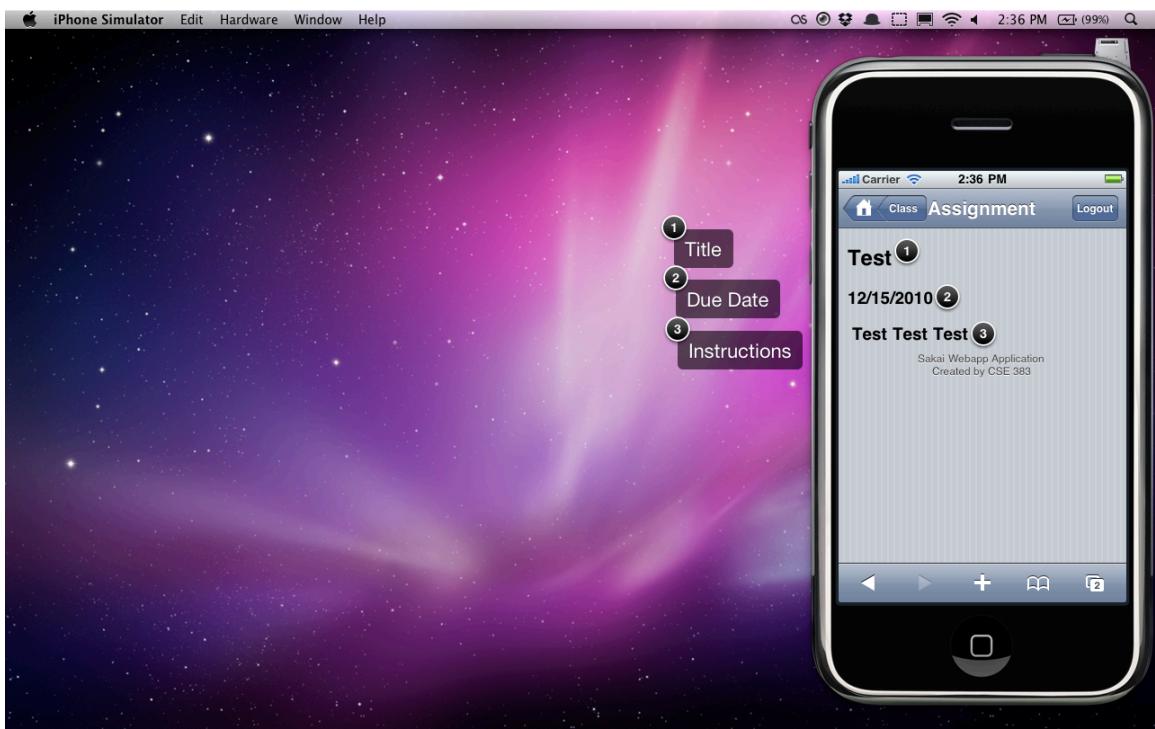
## User Instructions











## Troubleshooting

1. Logging in repeatedly fails with error “Your session has expired”
  - a. **Solution:** Verify that SakaiMobileScriptC.jws has been properly installed.
  - b. To check this, navigate to <http://some.url.com:8080/sakai-axis/SakaiMobileScript.jws>
    - i. You should see “There is a Web Service here”
2. Server is very slow/crashes
  - a. **Solution:** Verify only one version of Sakai is running.
    - i. Sometimes the demo won’t shutdown properly
  - b. Run the command ps aux | grep sakai to see if more than one \*.sh file is still running
    - i. Kill all the processes
3. Demo server won’t start up/hanging during start up
  - a. **Solution:** Scroll through the output, looking for errors
    - i. **Common error 1:** JAVA\_HOME variable isn’t set
    - ii. **Common error 2:** Didn’t have permissions
      1. To get running on Client/Server server, I had to run it in root. Sudo wouldn’t work.