## **CS5551 Advanced Software Engineering**

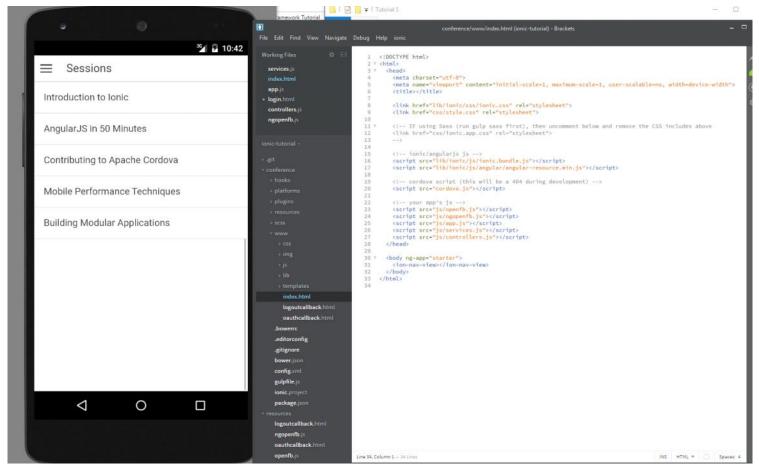
## Lab 5 Assignment

Deadline: Before the Lab Session on October 1

Create a mobile application related to your project. Write at least 3 unit test cases related to your application.

Note: You can extend your mashup application to this app.

Lab 5 - Part One - Mobile Application. I created this working through the tutorial provided on https://ccoenraets.github.io/ionic-tutorial/index.html.



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## Lab 5 - Part Two - Three tests. I created this working through the tutorial provided on <a href="http://mcgivery.com/unit-testing-ionic-app/">http://mcgivery.com/unit-testing-ionic-app/</a>.

```
· tests/Services/services.tests.js (ionic-testing) - Brackets
File Edit Find View Navigate Debug Help ionic
 Working Files
                                       1 * describe('Friends Unit Tests', function(){
 gulpfile.js
                                                beforeEach(module('starter.services'));
 my.conf.js
                                                beforeEach(inject(function (_Friends_) {
 · controllers.tests.js
                                                    Friends = _Friends_;
 services.tests.js
                                                //Test 1
                                                it('can get an instance of my factory', inject(function(Friends) {
                                      10 4
                                                     expect(Friends).toBeDefined();
                                                }));
                                      12
                                      13
                                               //Test 2
it('has 5 chats', inject(function(Friends) {
    expect(Friends.all().length).toEqual(5);
                                      15 7
                                      16
                                      18
                                                //Test 3
                                      19
                                                it('has Max as friend with id 1', inject(function(Friends) {
                                      21 7
                                                    var oneFriend = {
        controllers.tests.js
                                      22
                                                         id: 1,
name: 'Max Lynx',
                                                         notes: 'Odd obsession with everything',
face: 'https://avatars3.githubusercontent.com/u/11214?v=3&s=460'
                                      24
        services.tests.js
      my.conf.is
                                                     expect(Friends.get(1).name).toEqual(oneFriend.name);
                                               }));
                                          });
```