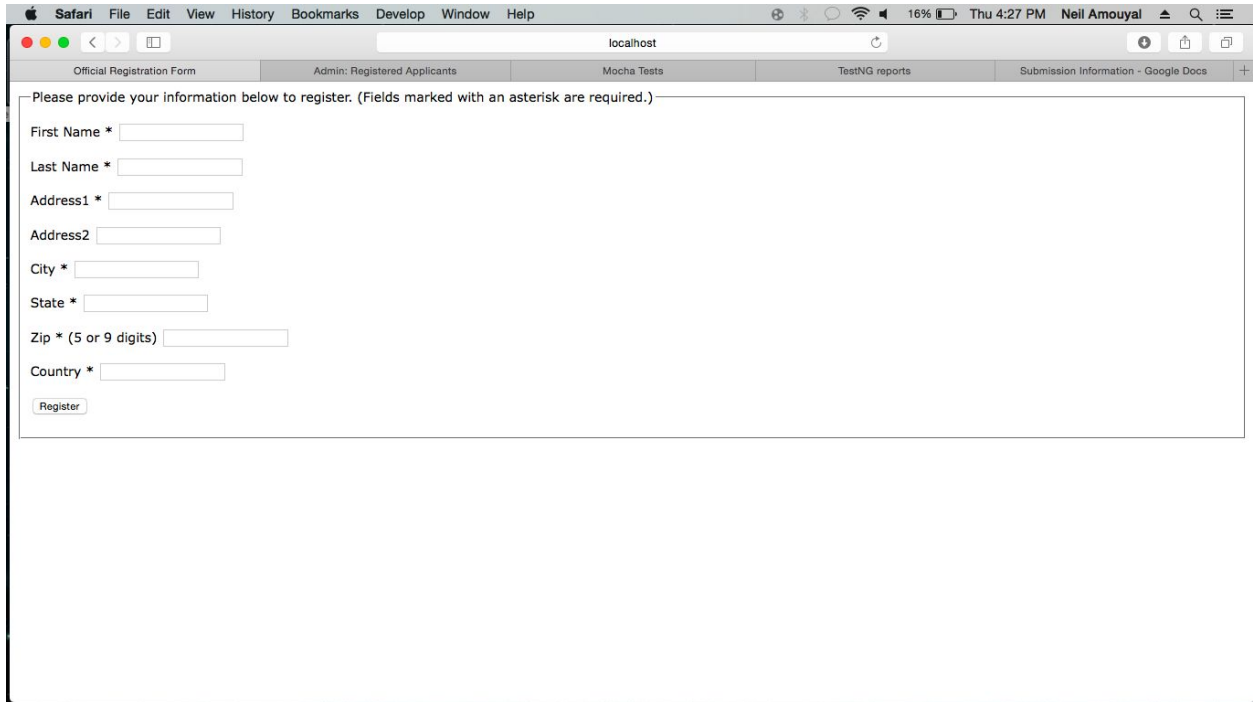


Submission Information

Access to the form is at :

<http://localhost:8080/SampleRegistryWebApp/index.html>



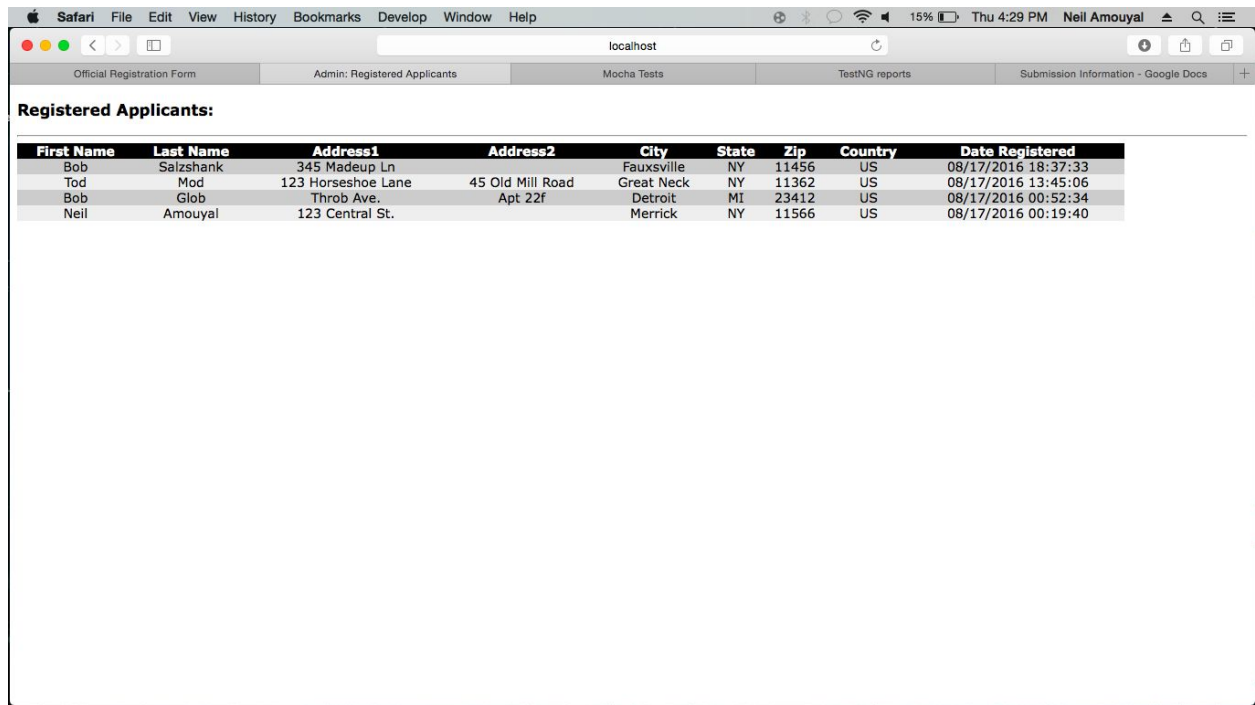
The screenshot shows a Safari web browser window with the address bar set to 'localhost'. The browser's menu bar includes 'Safari', 'File', 'Edit', 'View', 'History', 'Bookmarks', 'Develop', 'Window', and 'Help'. The status bar at the bottom indicates 'Thu 4:27 PM' and 'Neil Amouyal'. The page title is 'Official Registration Form'. The browser's tab bar shows several tabs: 'Official Registration Form', 'Admin: Registered Applicants', 'Mocha Tests', 'TestNG reports', and 'Submission Information - Google Docs'. The main content area displays a registration form with the following fields and labels:

- First Name *
- Last Name *
- Address1 *
- Address2
- City *
- State *
- Zip * (5 or 9 digits)
- Country *

A 'Register' button is located at the bottom left of the form. A message at the top of the form states: 'Please provide your information below to register. (Fields marked with an asterisk are required.)'

Admin section to see users entered :

<http://localhost:8080/SampleRegistryWebApp/registeredUserReport.jsp>



First Name	Last Name	Address1	Address2	City	State	Zip	Country	Date Registered
Bob	Salzshank	345 Madeup Ln		Fauxsville	NY	11456	US	08/17/2016 18:37:33
Tod	Mod	123 Horseshoe Lane	45 Old Mill Road	Great Neck	NY	11362	US	08/17/2016 13:45:06
Bob	Glob	Throb Ave.	Apt 22f	Detroit	MI	23412	US	08/17/2016 00:52:34
Neil	Amouyal	123 Central St.		Merrick	NY	11566	US	08/17/2016 00:19:40

Chai and Mocha Javascript Unit Testing results :

<http://localhost:8080/SampleRegistryWebApp/clientSideValidationTesting.html>

The screenshot shows a web browser window with the address bar at localhost. The page displays Mocha test results for client-side validation. The browser's top bar shows the Safari menu, file, edit, view, history, bookmarks, develop, window, and help. The page has a navigation bar with links to 'Official Registration Form', 'Admin: Registered Applicants', 'Mocha Tests', 'TestNG reports', and 'Submission Information - Google Docs'. The main content area shows a list of test functions, each with a green checkmark indicating a pass. The functions are: 'should not validate a too-long (malformed) state code: ZZZ', 'should not validate a too-short (malformed) state code: Y', 'should not validate a null state code, handle null inputs gracefully', 'should validate a good short(5digit) zipcode', 'should not validate a bad short(5digit) zipcode', and 'should validate a good long(9digit) zipcode'. Each function is followed by a code block showing the test setup and the assertion. The bottom right corner shows a summary: 'passes: 12 failures: 0 duration: 0.11s' and a '100%' completion indicator.

Function

- ✓ should not validate a too-long (malformed) state code: ZZZ

Function

- ✓ should not validate a too-short (malformed) state code: Y

Function

- ✓ should not validate a null state code, handle null inputs gracefully

Function

- ✓ should validate a good short(5digit) zipcode

```
var expected = true;
var zipCode = "12345";
var actual = isValidZipCode(zipCode);
assert.equal(expected, actual);
```

Function

- ✓ should not validate a bad short(5digit) zipcode

```
var expected = false;
var zipCode = "123XX";
var actual = isValidZipCode(zipCode);
assert.equal(expected, actual);
```

Function

- ✓ should validate a good long(9digit) zipcode

Function

- ✓ should not validate a bad long(9digit) zipcode

passes: 12 failures: 0 duration: 0.11s 100%

TestNG Junit testing for Server Side Validation:

<http://localhost:8080/SampleRegistryWebApp/test-output/index.html>

The screenshot shows a web browser window with the address bar at localhost. The page displays TestNG test results for server-side validation. The browser's top bar shows the Safari menu, file, edit, view, history, bookmarks, develop, window, and help. The page has a navigation bar with links to 'Official Registration Form', 'Admin: Registered Applicants', 'Mocha Tests', 'TestNG reports', and 'Submission Information - Google Docs'. The main content area shows a summary of test results for the 'testing.ServerSideValidationTesting' suite. The summary indicates that 20 methods passed and 0 failed. A list of test methods is provided, including 'testBadCountryCodeValidation', 'testBadStateCodeValidation', 'testBadZipCodeValidation', 'testGoodCompoundZipCodeValidation', 'testGoodCountryCodeValidation', 'testGoodNameValidation', 'testGoodSimpleZipCodeValidation', 'testGoodStateCodeValidation', 'testLongStateCodeValidation', 'testNullCountryCodeValidation', 'testNullNameValidation', 'testNullStateCodeValidation', 'testNullZipCodeValidation', 'testShortBadZipCodeValidation', 'testShortLongZipCodeValidation', 'testShortStateCodeValidation', 'testTooLongCountryCodeValidation', 'testTooLongNameValidation', 'testTooShortCountryCodeValidation', and 'testTooShortNameValidation'. The bottom right corner shows a summary: '20 methods, 20 passed' and 'Passed methods (hide)'.

Test results

1 suite

All suites

Default suite

Info

- testng-customsuite.xml
- 1 test
- 0 groups
- Times
- Reporter output
- Ignored methods
- Chronological view

Results

- 20 methods, 20 passed
- Passed methods (hide)
- testBadCountryCodeValidation
- testBadStateCodeValidation
- testBadZipCodeValidation
- testGoodCompoundZipCodeValidation
- testGoodCountryCodeValidation
- testGoodNameValidation
- testGoodSimpleZipCodeValidation
- testGoodStateCodeValidation
- testLongStateCodeValidation
- testNullCountryCodeValidation
- testNullNameValidation
- testNullStateCodeValidation
- testNullZipCodeValidation
- testShortBadZipCodeValidation
- testShortLongZipCodeValidation
- testShortStateCodeValidation
- testTooLongCountryCodeValidation
- testTooLongNameValidation
- testTooShortCountryCodeValidation
- testTooShortNameValidation

testing.ServerSideValidationTesting

- testBadCountryCodeValidation
- testBadStateCodeValidation
- testBadZipCodeValidation
- testGoodCompoundZipCodeValidation
- testGoodCountryCodeValidation
- testGoodNameValidation
- testGoodSimpleZipCodeValidation
- testGoodStateCodeValidation
- testLongStateCodeValidation
- testNullCountryCodeValidation
- testNullNameValidation
- testNullStateCodeValidation
- testNullZipCodeValidation
- testShortBadZipCodeValidation
- testShortLongZipCodeValidation
- testShortStateCodeValidation
- testTooLongCountryCodeValidation
- testTooLongNameValidation
- testTooShortCountryCodeValidation
- testTooShortNameValidation