

Lab 5 Report

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Class Id: 50

1. Create a basic login with 2 buttons "Login" and "Register"
On clicking "Login" button, user should be navigated to "Home" page, On clicking "Register" button, user should be navigated to "Registration" page

Using Ionic Framework

--Index Page



Registration Page Using Ionic Framework

--Register Page

12:34 PM 100%


Full Name

Email Id

Password

Phone Number

Register



--Filled in Register Page

12:34 PM 100%


Full Name Sai Srharsha S

Email Id SSAISRHHARSHA@GMAI

Password

Phone Number 81629956788

Register



--Home Page

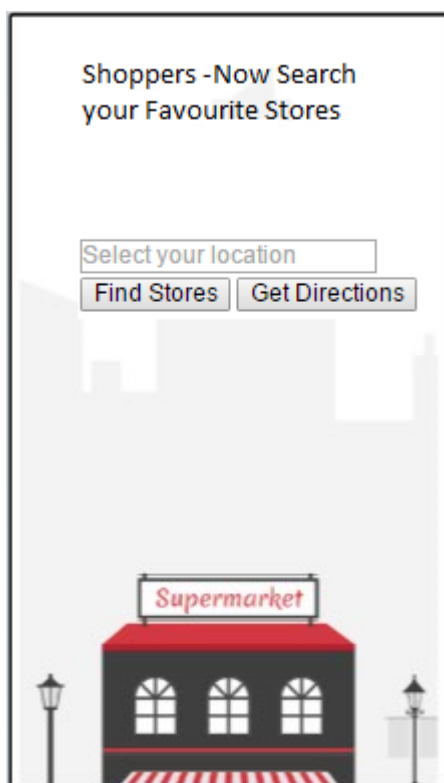


2. Home page should have a Mashup using at least Two Web Services (refer to the web services from the following link). One of them should be from the list of knowledge services and they should be different from the two services you used in your Lab 3 assignment

On the home Page, User Searches for the Store with Location as search criteria. User can choose to get directions to the store using the get directions web service by clicking on get directions.

Home Page – Landing page

User can search for stores with Location as search criteria.



3. Also create a mobile application related to your project.
Application should have good UI/UX. Design a good UI using a wireframe tool.

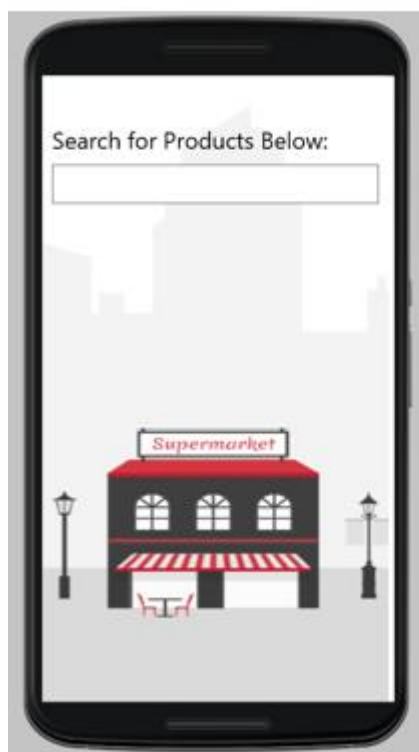
--Index Page Wireframe.



--Register Page Wire Frame



--Home Page Wire Frame



4. Write at least 3 unit test cases related to your application.

Unit Test

```
npm
Your environment has been set up for using Node.js 6.7.0 (x64) and npm.

C:\Users\LENOVO>cd desktop

C:\Users\LENOVO\Desktop>cd Lab5

C:\Users\LENOVO\Desktop\Lab5>npm init
This utility will walk you through creating a package.json file.
It only covers the most common items, and tries to guess sensible defaults.

See 'npm help json' for definitive documentation on these fields
and exactly what they do.

Use 'npm install <pkg> --save' afterwards to install a package and
save it as a dependency in the package.json file.

Press ^C at any time to quit.
name: (lab5) lab5
version: (1.1.1)
git repository: ASE-Lab
keywords: password
author: Sriharsha
license: (ISC)
About to write to C:\Users\LENOVO\Desktop\Lab5\package.json:

{
  "name": "lab5",
  "version": "1.1.1",
  "description": "Lab5: An Ionic project",
  "dependencies": {
    "gulp": "^3.5.6",
    "gulp-sass": "^2.0.4",
    "gulp-concat": "^2.2.0",
    "gulp-minify-css": "^0.3.0",
    "gulp-rename": "^1.2.0"
  },
  "devDependencies": {
    "bower": "^1.3.3",
    "gulp-util": "^2.2.14",
    "shelljs": "^0.3.0"
  },
  "cordovaPlugins": [
    "cordova-plugin-device",
    "cordova-plugin-console",
```

```
},
"cordovaPlugins": [
  "cordova-plugin-device",
  "cordova-plugin-console",
  "cordova-plugin-whitelist",
  "cordova-plugin-splashscreen",
  "cordova-plugin-statusbar",
  "ionic-plugin-keyboard"
],
"cordovaPlatforms": [],
"main": "gulpfile.js",
"scripts": {
  "test": "echo \"Error: no test specified\" && exit 1"
},
"author": "Sriharsha",
"license": "ISC",
"repository": {
  "type": "git",
  "url": "ASE-Lab"
},
"keywords": [
  "password"
]
}
```

Test Case 1:

New User Registration.

****Test Description:****User must register with Unique User Name and Password
****Expected Outcome:****Register Suceessfully
****Result:****Pass

Test Case 2.

Login, User Authentication.

****Test Description:****User must login with Registered User Name, Password.
****Expected Outcome:****Login Suceessfully
****Result:****Pass

Test Case 3:

Email Validation.

****Test Description:****User must register with a valid Email Id.
****Expected Outcome:****Register Suceessfully
****Result:****Pass

References:

1. <http://ionicframework.com/>
2. <https://creator.ionic.io/>
3. <https://thinkster.io/ionic-framework-tutorial>
4. <https://www.tutorialspoint.com/nodejs/index.htm>
5. Lab PPT.