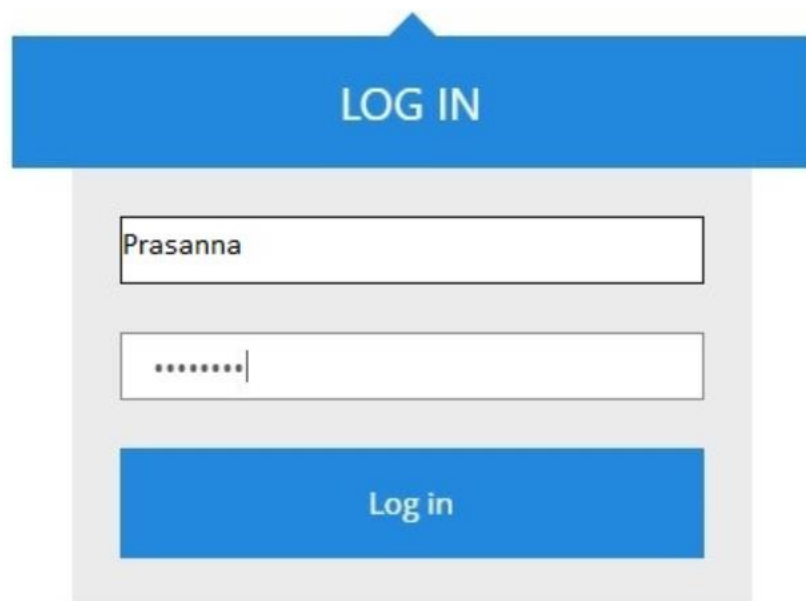


Assignment 8

I've extended the application developed in assignment 6 to implement the REST API service of mongo DB. The application will have a login page. The user enters the login details and the application validates the input.

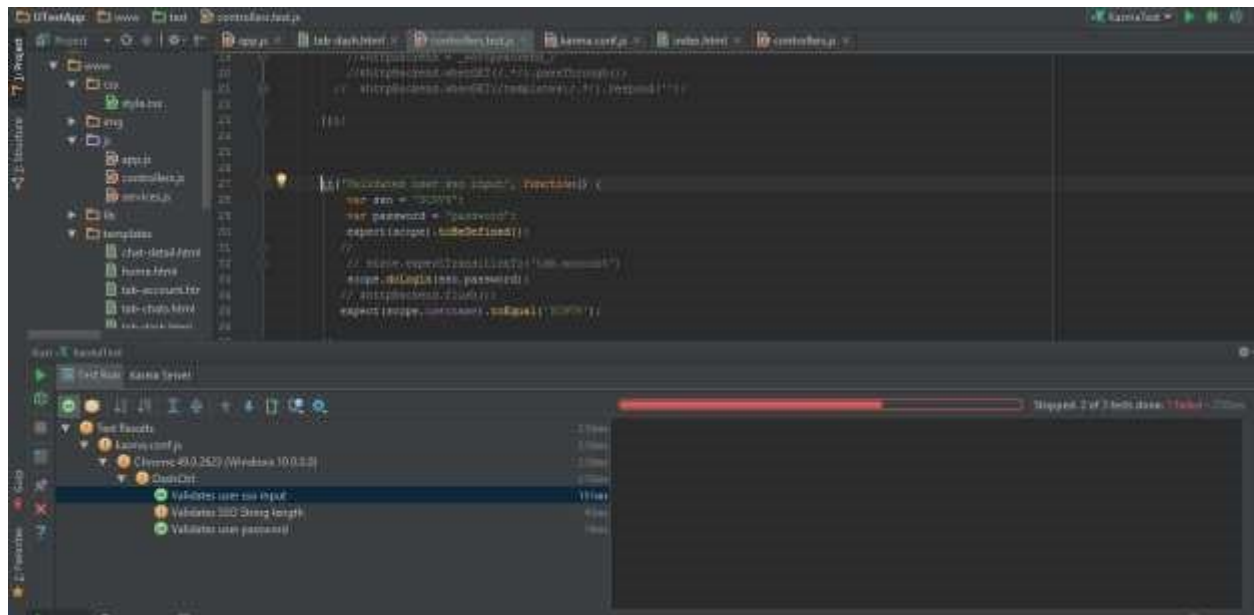
I've implemented the application in Webstorm IDE using Karma and Jasmine.

The image shows a login interface. At the top is a blue rectangular button with the text "LOG IN" in white, uppercase letters. Below this button is a light gray rectangular container. Inside this container, there are two input fields stacked vertically. The first input field contains the text "Prasanna". The second input field contains seven dots, representing a masked password. Below these input fields is another blue rectangular button with the text "Log in" in white, title case letters.

Login screen of the application

I've created 3 test cases to validate the username and password fields. Out of 3 test cases, I made two test cases to be successful and one to be failure.

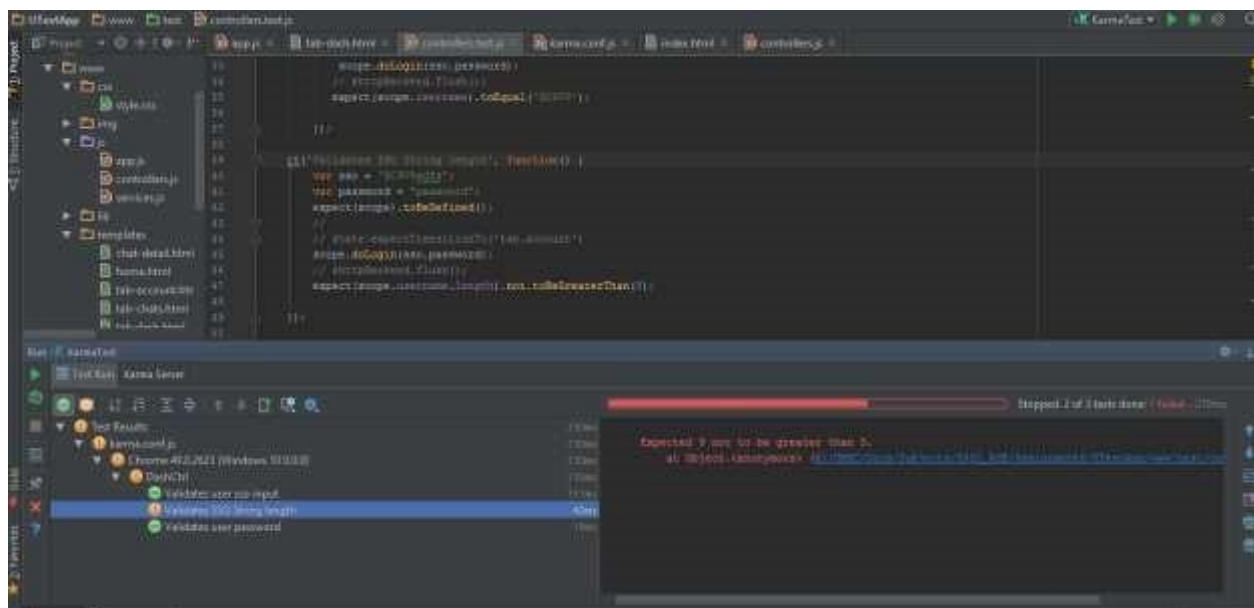
First test case validates whether the user is 'prasanna' or not.



Success scenario of username validation

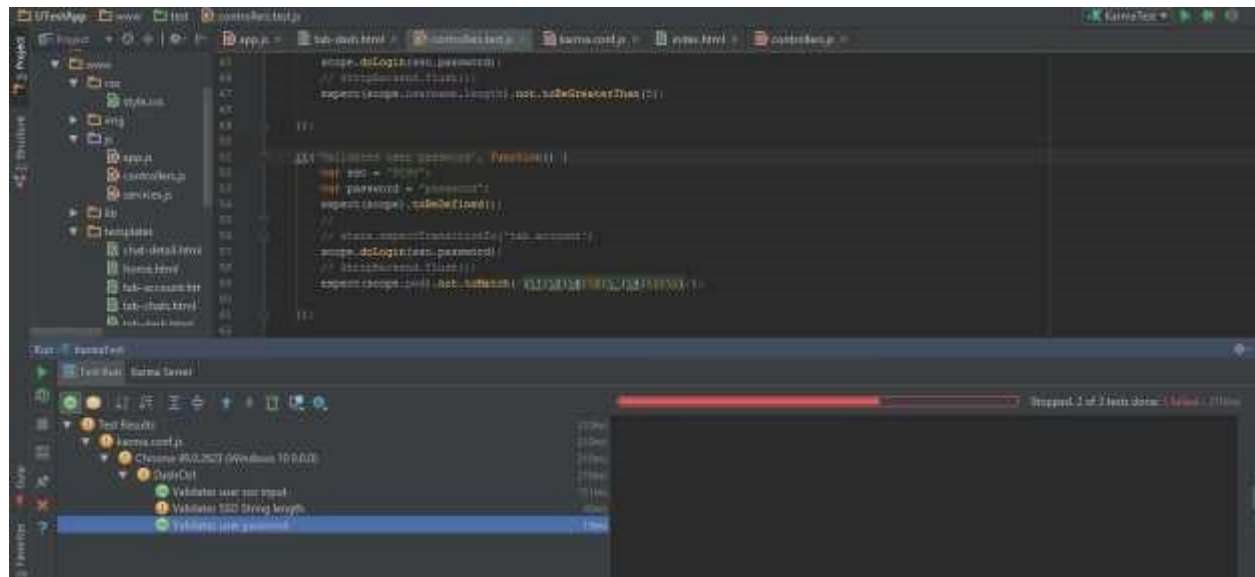
In the second test case, I've tested whether the username is of 8 letters or not.

Input username is "prasanna123" which is of length 11. So this test case failed.



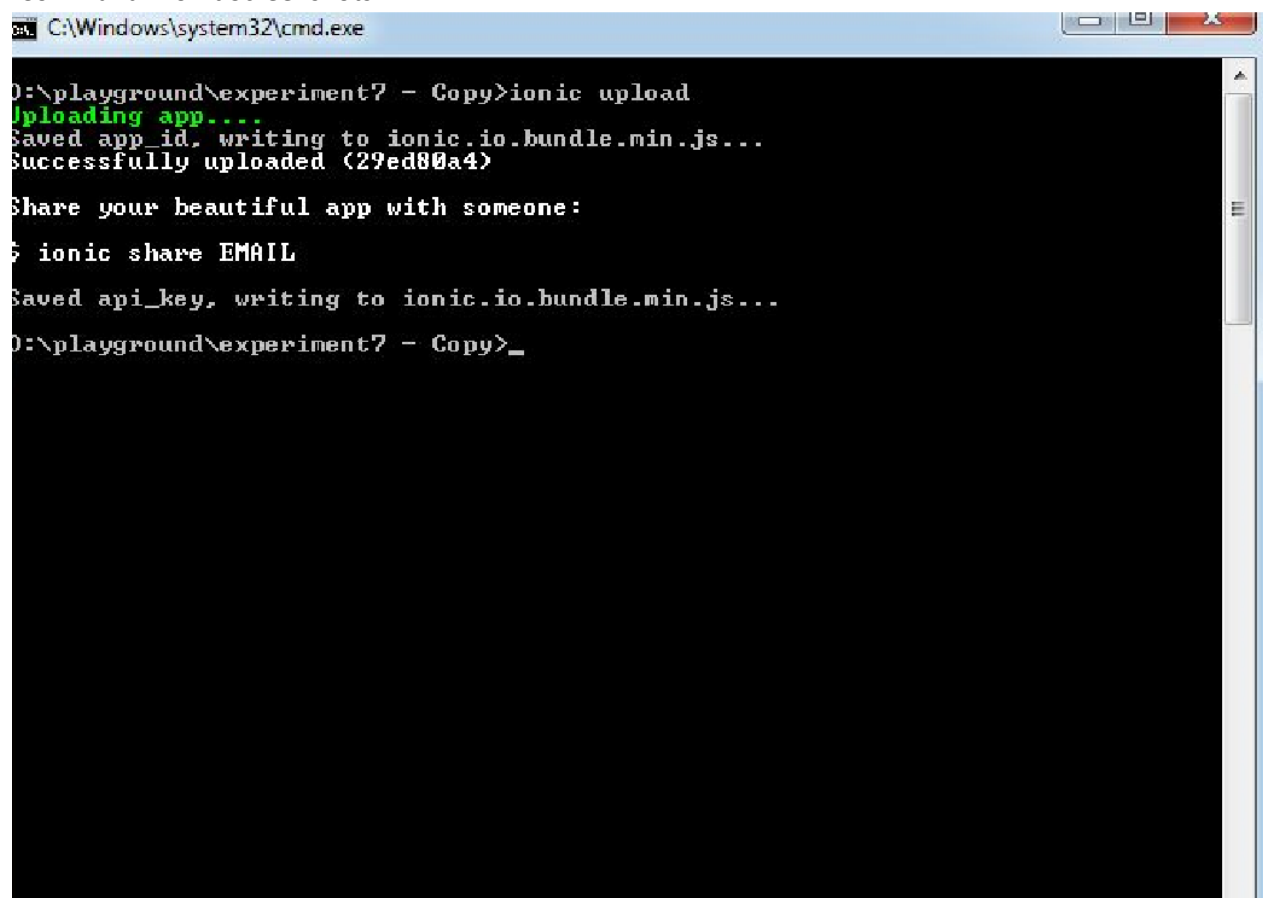
Failure scenario of username field length validation

In the third test case, I've validated the password field to check whether it contains any special characters or not.



Success scenario of password field not to contain any special characters

Command Prompt Screenshots:



C:\Windows\system32\cmd.exe - karma start karma.conf.js

O:\playground\experiment7 - Copy>ionic upload

Uploading app....

Saved app_id, writing to ionic.io.bundle.min.js...

Successfully uploaded <29ed80a4>

Share your beautiful app with someone:

\$ ionic share EMAIL

Saved api_key, writing to ionic.io.bundle.min.js...

O:\playground\experiment7 - Copy>karma start karma.conf.js

16 03 2016 22:19:34.033:WARN [watcher]: Pattern "O:/node_models/angular-mocks/angular-mocks.js" does not match any file.

16 03 2016 22:19:34.033:WARN [watcher]: Pattern "O:/node_models/*.js" does not match any file.

16 03 2016 22:19:34.033:WARN [watcher]: Pattern "O:/js/*.js" does not match any file.

16 03 2016 22:19:34.033:WARN [watcher]: Pattern "O:/www/js/*.js" does not match any file.

16 03 2016 22:19:34.033:WARN [watcher]: Pattern "O:/www/lib/ionic/js/ionic-angular.min.js" does not match any file.

16 03 2016 22:19:34.033:WARN [watcher]: Pattern "O:/www/tests/*.js" does not match any file.

16 03 2016 22:19:34.033:WARN [karma]: No captured browser, open http://localhost:9876/

16 03 2016 22:19:34.048:INFO [karma]: Karma v0.13.22 server started at http://localhost:9876/

16 03 2016 22:19:34.064:INFO [launcher]: Starting browser Chrome

16 03 2016 22:19:44.646:INFO [Chrome 49.0.2623 <Windows 7 0.0.0>]: Connected on socket /#h1L39AUBf9gDBHXUAAAA with id 22980813

Chrome 49.0.2623 <Windows 7 0.0.0>: Executed 0 of 0 ERROR (0.004 secs / 0 secs)

C:\Windows\system32\cmd.exe

```
0:\playground\experiment7 - Copy>npm install jasmine
npm WARN package.json experiment7@1.1.1 No repository field.
npm WARN package.json experiment7@1.1.1 No README data
jasmine@2.4.1 node_modules\jasmine
├── exit@0.1.2
└── glob@3.2.11 <inherits@2.0.1, minimatch@0.3.0>

0:\playground\experiment7 - Copy>npm install -g jasmine
C:\Users\mom\AppData\Roaming\npm\jasmine -> C:\Users\mom\AppData\Roaming\npm\node_modules\jasmine\bin\jasmine.js
jasmine@2.4.1 C:\Users\mom\AppData\Roaming\npm\node_modules\jasmine
├── exit@0.1.2
├── jasmine-core@2.4.1
└── glob@3.2.11 <inherits@2.0.1, minimatch@0.3.0>

0:\playground\experiment7 - Copy>jasmine init

0:\playground\experiment7 - Copy>jasmine
Started

No specs found
Finished in 0 seconds

0:\playground\experiment7 - Copy>jasmine spec/geocode-options.js
Started

Failures:
1) Geocoder Options encountered a declaration exception
   Message:
     TypeError: module is not a function
   Stack:
     TypeError: module is not a function
       at Suite.<anonymous> (0:\playground\experiment7 - Copy\spec\geocode-options.js:6:14)
       at Object.<anonymous> (0:\playground\experiment7 - Copy\spec\geocode-options.js:3:1)
       at Module._compile (module.js:409:26)
       at Object.Module._extensions..js (module.js:416:10)
       at Module.load (module.js:343:32)
       at Function.Module._load (module.js:300:12)
       at Module.require (module.js:353:17)

1 spec, 1 failure
Finished in 0.016 seconds

0:\playground\experiment7 - Copy>_
```