For deploying this Web Application:

Tomcat as a web server should be configured, and this (assignment) folder will be copied in webapps folder in Tomcat.

**“SurgeonsUI.html” is the web page.** To access this page, tomcat server should be running. For this run “startup.bat” file which is present in bin folder of Tomcat.

Now, in browser type <http://localhost:8080/assignment/SurgeonsUI.html> for accessing the webpage in browser.

**Server:**

* Server includes only one java Servlet - “Get Surgeons” this is mapped to “/getSurgeons” url , through web.xml . I have not used Annotation for this purpose.
* This Servlet serves GET requests. It reads assignment.json file and write it to response.
* Since it contains only one java file, I have included both source code and compiled code in same folder. Otherwise, I could have created separate folders for compiled and source codes.

**Client:**

I have used jquery for ajax style request, and for handling events, and used java script for creating and appending dynamic elements to DOM.

**Java script Details:**

* **Service.js :**

Service.js contains the service which on page load send request to server and receives Surgeons data in response.

* **Model.js:**

It stores all the data required on web page, (surgeons and specialties array)

* **Surgeon.js:**

It stores all the information of surgeon

* **SurgeonView.js:**

It handles all the events and functions on view.

* **SurgeonsUI.js:**

It is the starting point, and handles document’s ready event.

HTML file: SurgeonsUI.html