

## Assignment 4.4 – API Gateway Unit Test 01

### Instructions

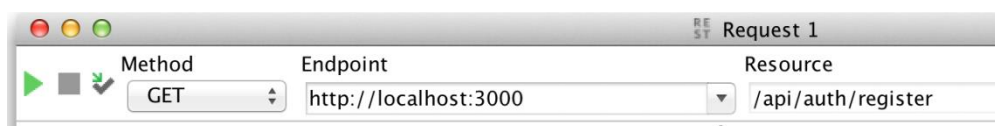
1. File >> Create Empty Project
2. Name the project “API Gateway”
3. Right-click “API Gateway” and select “New REST Service from URI”
4. Enter <http://localhost:3000>
5. Delete “1”



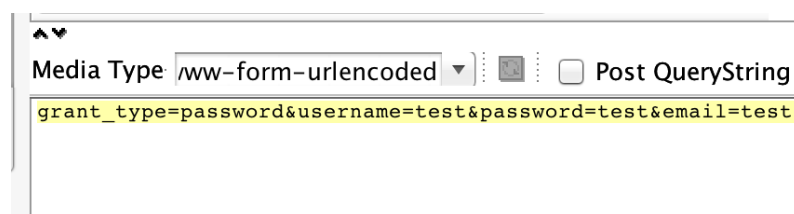
6. Right-click <http://localhost:3000> and select “New Resource”
7. Enter “/auth/api/register” and select “Yes”



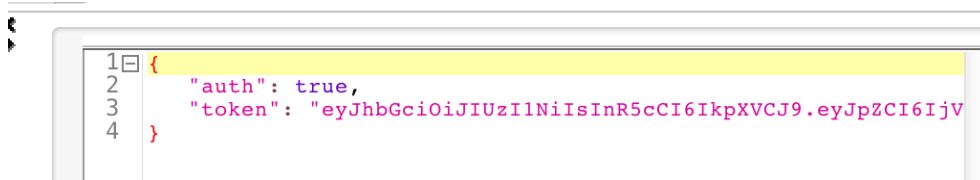
8. Change the Method to “POST”



9. Change the “Media Type” from application/json to application/x-www-form-urlencoded
  - a. You will need to manually enter “application/x-www-form-urlencoded” to the drop-down-list. **There will not be an entry in the drop-down-list to select**
  - b. Underneath the “Media Type” enter
    - i. grant\_type=password&username=<yourUserName>&password=<yourPassword>&email=<yourEmail>



10. Open and start your Gateway API server
  - a. `npm run devstart`
11. Tab back to SoapUI and submit the request



A screenshot of a code editor window. The editor has a light gray background and a dark gray sidebar on the left. The main area shows a JSON object with two properties: "auth" and "token". The "auth" property is set to true, and the "token" property is set to a long alphanumeric string. The JSON is highlighted in yellow. The line numbers 1, 2, 3, and 4 are visible on the left side of the editor.

```
1 {  
2   "auth": true,  
3   "token": "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJpZCI6IjV  
4 }
```

12. Take a screenshot of the response
13. Take a screenshot of the terminal windows output
14. Sign in to mLab, open the api-gateway database, and take a screenshot of the added entry
15. Combine all three screens into a single word document and include your name, date, and assignment number.