Assignment 6.3 – API Gateway Part IV

Instructions

- 1. Open the user.js file and add a new query for finding individual users by email address
 - a. user.js

```
module.exports.getOne = (e, callback) => {
var query = {email: e};
User.findOne(query, callback);
};
```

- 2. Add a new function to the authController to handle user login requests
 - a. authController.js

- 3. Update the api-catalog is routes to allow user login requests
 - a. /routes/api-catalog.js
 - i. router.post('auth/login', auth_controller.user_login);

```
router.post('/auth/login', auth_controller.user_login);
```

- 4. Add a new function to the authController to handle user logout requests
 - a. /controllers/authController.js

```
pexports.user_logout = function(req, res) {
res.status(200).send({ auth: false, token: null});
};
```

- 5. Update the api-catalog.js routes to allow user logout requests
 - a. /routes/api-catalog.js
 - i. router.get('auth/logout', auth_controller.user_logout);

```
router.get('/auth/logout', auth_controller.user_logout);
```

6. Build, run, and verify there are no errors

- 7. Start SoapUI
- 8. Add two new REST requests to your API Gateway project
 - a. login (POST) and logout (GET)
- 9. login [/api/auth/login]
 - a. Right-click http://localhost:3000 and select "New Resource"
 - b. Enter /api/auth/login
 - c. Change the "Method" to "POST"

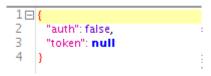


- d. Change the "Media Type" to "application/x-www-form-urlencoded"
- e. Underneath "Media Type" add a grant_type and the username/password of a valid user



f. Run the request

- 10. logout [/api/auth/logout]
 - a. Right-click http://localhost:3000 and select "New Resource"
 - b. Enter /api/auth/logout
 - c. Leave the "Method" as "GET"
 - d. Run the request



- 11. Take a screenshot of each request and response (total of 4 screenshots)
- 12. Take a screenshot of your solution (expand all directories except node_modules)
- 13. Take a screenshot of your solution running in a browser
- 14. Combine all screenshots into a single word document and include your name, date, and assignment

Note: The logout API has zero parameters and simply returns a 200-status code. This is far from production ready and is only intended to illustrate the logout process.