



## Final Project Work

**Points possible:** 100

Category	Criteria	% of Grade
<b>Functionality</b>	Does the code work?	25
<b>Organization</b>	Is the code clean and organized? Proper use of white space, syntax, and consistency are utilized. Names and comments are concise and clear.	25
<b>Creativity</b>	Student solved the problems presented in the assignment using creativity and out of the box thinking.	25
<b>Completeness</b>	All requirements of the assignment are complete that were committed to for the given week.	25

**Instructions:** In Eclipse, or an IDE of your choice, write the code that accomplishes the objectives listed below. Ensure that the code compiles and runs as directed. Take screenshots of the code and of the running program (make sure to get screenshots of all required functionality) and paste them in this document where instructed below. Create a new repository on GitHub for this week's assignments and push this document, with your Java project code, to the repository. Add the URL for this week's repository to this document where instructed and submit this document to your instructor when complete.

### **Coding Steps:**

Continue contributing to your final project.

### **Screenshots of Code:**



# PROMINEO TECH

Launchpad

POST http://localhost:8080/users/re... ●

+

...

Untitled Request

POST ▼

http://localhost:8080/users/register

Params

Authorization

Headers (8)

Body ●

Pre-request Script

Tests

Settings

☐ none

☐ form-data

☐ x-www-form-urlencoded

☒ raw

☐ binary

☐ GraphQL

JSON

```
1 {
2   "username": "Dtown",
3   "password": "Devils21"
4 }
5
6 }
```

Body

Cookies

Headers (4)

Test Results

● Status: 201

Pretty

Raw

Preview

Visualize

JSON ▼

≡

```
1 {
2   "id": 3,
3   "username": "Dtown",
4   "questions": null
5 }
```



# PROMINEO TECH

## Untitled Request

POST

http://localhost:8080/users/login

Params

Authorization

Headers (8)

Body ●

Pre-request Script

● none

● form-data

● x-www-form-urlencoded

● raw

● binary

```
1 {  
2   "username": "Dtown",  
3   "password": "Devils21"  
4 }  
5  
6 }
```

Body

Cookies

Headers (4)

Test Results

Pretty

Raw

Preview

Visualize

JSON



```
1 {  
2   "id": 3,  
3   "username": "Dtown",  
4   "questions": []  
5 }
```



# PROMINEO TECH

Launchpad

POST http://localhost:8080/users/re... ●

+

...

Untitled Request

POST

http://localhost:8080/users/register

Params

Authorization

Headers (8)

Body ●

Pre-request Script

Tests

Settings

● none

● form-data

● x-www-form-urlencoded

● raw

● binary

● GraphQL

JSON

```
1 {
2   "username": "Dtown",
3   "password": "Devils21"
4 }
5
6 }
```

Body

Cookies

Headers (4)

Test Results

Pretty

Raw

Preview

Visualize

JSON

≡

```
1 {
2   "id": 3,
3   "username": "Dtown",
4   "questions": null
5 }
```

Status: 201



# PROMINEO TECH

## Untitled Request

POST

http://localhost:8080/users/2/follows/1

Params

Authorization

Headers (8)

Body ●

Pre-request Script

☐ none

☐ form-data

☐ x-www-form-urlencoded

☒ raw

☐ binary

```
1 {  
2   "id": "John",  
3   "following": "Dez"  
4 }  
5  
6 }
```

Body

Cookies

Headers (4)

Test Results

Pretty

Raw

Preview

Visualize

JSON ▼



```
1 {  
2   "id": null,  
3   "following": [  
4     {  
5       "id": 1,  
6       "username": "John",  
7       "questions": []  
8     }  
9   ]  
10 }
```



# PROMINEO TECH

### Untitled Request

POST

http://localhost:8080/users/3/follows/2

Params

Authorization

Headers (8)

Body

Pre-request Script

☐ none

☐ form-data

☐ x-www-form-urlencoded

☒ raw

☐ binary

```
1 {  
2   "id": "John",  
3   "following": "Dez"  
4 }  
5  
6 }
```

Body

Cookies

Headers (4)

Test Results

Pretty

Raw

Preview

Visualize

JSON

```
1 {  
2   "id": null,  
3   "following": [  
4     {  
5       "id": 2,  
6       "username": "Dez",  
7       "questions": []  
8     }  
9   ]  
10 }
```

Find and Replace

Console



# PROMINEO TECH

Untitled Request

GET

▼

http://localhost:8080/users/1

Params

Authorization

Headers (8)

Body ●

Pre-request Script

Tests

Settings

☐ none

☐ form-data

☐ x-www-form-urlencoded

☒ raw

☐ binary

☐ GraphQL

JSON ▼

1

2

3

4

5

Body

Cookies

Headers (4)

Test Results

⌐ Status: 200 OK

Pretty

Raw

Preview

Visualize

JSON ▼

≡

1

2

3

4

5

"id": 1,

"username": "John",

"questions": []



# PROMINEO TECH

Untitled Request

PUT

▼

http://localhost:8080/users/1

Params

Authorization

Headers (8)

Body ●

P

☐ none

☐ form-data

☐ x-www-form-urlencoded

☒ m

```
1 {
2   "username": "Don C",
3   "password": "johny"
4 }
5
6
```

Body

Cookies

Headers (4)

Test Results

Pretty

Raw

Preview

Visualize

JSON ▼

```
1 {
2   "id": 1,
3   "username": "Don C",
4   "questions": null
5 }
```





# PROMINEO TECH

Untitled Request

DELETE

▼

http://localhost:8080/users/1

Params

Authorization

Headers (8)

Body ●

Pre-re

☐ none

☐ form-data

☐ x-www-form-urlencoded

☒ raw

1

2

3

4

5

6

```
"username": "Don C",  
"password": "johny"
```

Body

Cookies

Headers (4)

Test Results

Pretty

Raw

Preview

Visualize

Text ▼

1

```
Unable to delete the user
```



# PROMINEO TECH

## Untitled Request

DELETE

http://localhost:8080/users/4

Params

Authorization

Headers (8)

Body ●

Pre-request Script

☐ none

☐ form-data

☐ x-www-form-urlencoded

☒ raw

☐ binary

```
1 {  
2   "username": "Dtown",  
3   "password": "12345"  
4 }  
5
```

Body

Cookies

Headers (4)

Test Results

Pretty

Raw

Preview

Visualize

Text ▼



```
1 Successfully deleted customer with id: 4
```



# PROMINEO TECH

Launchpad

POST http://localhost:8080/users/1/... ●

+

...

Untitled Request

POST

http://localhost:8080/users/1/questions

Params

Authorization

Headers (8)

Body ●

Pre-request Script

Tests

Settings

● none

● form-data

● x-www-form-urlencoded

● raw

● binary

● GraphQL

JSON ▼

```
1 {
2
3   "content": "What is a method in Java?"
4
5
6
7 }
```

Body

Cookies

Headers (4)

Test Results

🌐

Status: 200 OK

Time

Pretty

Raw

Preview

Visualize

JSON ▼

≡

```
1 {
2   "id": 1,
3   "content": "What is a method in Java?",
4   "date": 1595716010806,
5   "user": {
6     "id": 2,
7     "username": "Dayou367",
8     "questions": [
9     ]
10  }
```



# PROMINEO TECH

Launchpad

POST http://localhost:8080/users/1/... ● +

Untitled Request

POST ▼

http://localhost:8080/users/1/questions/

Params

Authorization

Headers (8)

Body ●

Pre-request Script

☐ none

☐ form-data

☐ x-www-form-urlencoded

☒ raw

☐ binary

```
1  {
2
3    "content": "Test"
4
5
6
7  }
```

Body

Cookies

Headers (5)

Test Results

Pretty

Raw

Preview

Visualize

Text ▼

```
1  User not found.
```



# PROMINEO TECH

Launchpad

PUT http://localhost:8080/users/1/q... + ...

Untitled Request

PUT ▼

http://localhost:8080/users/1/questions/1

Params

Authorization

Headers (8)

Body ●

Pre-request Script

Tests

Settings

☐ none

☐ form-data

☐ x-www-form-urlencoded

☒ raw

☐ binary

☐ GraphQL

JSON ▼

```
1 [
2
3   "content": "This is an updated question: How to Formulate a string in Java!"
4
5
6
7 ]
```

Body

Cookies

Headers (5)

Test Results

Status: 400 Bad Request

Pretty

Raw

Preview

Visualize

Text ▼

```
1 Unable to update your question. Please try again!
```



# PROMINEO TECH

POST

http://localhost:8080/users/2/questions/2/answers

Params

Authorization

Headers (8)

Body

Pre-request Script

Tests

Settings

☐ none

☐ form-data

☐ x-www-form-urlencoded

☒ raw

☐ binary

☐ GraphQL

JSON

```
1 {
2   "content": "All string literals in Java programs, such as abc , are implemented as ins
3 }
4 }
```

Body

Cookies

Headers (5)

Test Results

Status: 400 Bad Request

Time: 538 ms

Pretty

Raw

Preview

Visualize

Text

```
1 This user is not valid. Please try again.
```



# PROMINEO TECH

## Untitled Request

DELETE

http://localhost:8080/users/2/questions/2/answers/2

Params

Authorization

Headers (8)

Body

Pre-request Script

Tests

Settings

● none

● form-data

● x-www-form-urlencoded

● raw

● binary

● GraphQL

JSON



```
1 [
2
3
4 ]
```

Body

Cookies

Headers (4)

Test Results



Status: 404 Not Found

Pretty

Raw

Preview

Visualize

Text



```
1 Unable to delete answer.
```



# PROMINEO TECH

**Instructions:** Identify difficulties, errors, or mistakes made this week. Ponder and research the root cause for these issues. Write what you learned from them. Push this document to your GitHub repository for this week. Add the URL for this week's repository to this document where instructed and submit this document to your instructor when complete.

**Difficulties, Errors, or Mistakes:** The most difficult thing that I had to face was trying to get my code and my postman and my terminal to function properly that was the biggest thing that I had to overcome this week. Trying to run my postman and make sure everything works properly and fixing my code. The toughest thing that I ran into was also restarting my terminal because my login was not working, so I had to restart my terminal fix my code and my register and login worked.

**Root Cause:** It was my login that gave me the biggest trouble this week, and connecting my postman with my code.

**What did you learn from these issues?** I learned that I needed to go through each individual controller, service, and entity to make sure that I have put in correctly the correct commands for postman to work properly

**Instructions:** In the below areas, identify struggles you ran into as a team or as individuals and list them under Areas for Improvement. Tell how you plan to improve in these areas. Write a list of accomplishments under Areas of Accomplishment. Push this document to your GitHub repository for this week. Add the URL for this week's repository to this document where instructed and submit this document to your instructor when complete.

**Areas for Improvement:** Taking my time and really understanding my controller, and also comparing it to my service and entity, to make sure it functions properly.

**Areas of Accomplishment:** EVERYTHING WORKED! I was really shock everything worked and functioned properly

**What is your favorite thing you learned this week?** Reach out to Jeff Sprong and Nick for assisting me and really seeing what the issue was, with my login. That was the toughest thing I had to deal with this week.





# PROMINEO TECH

**URL to GitHub Repository:** <https://github.com/DesmondYo/StackOverflow-API>