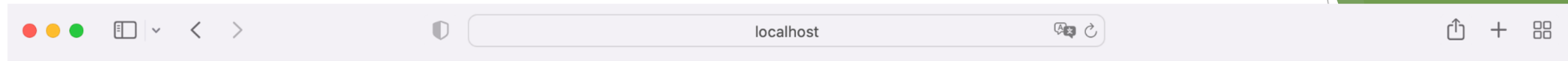


Project One @ Revature

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Date: 2022/02/18



Project One Web API

As an Employee I can:

Submit a reimbursement request

View all of my reimbursements

As a Manager I can:

View all reimbursements

Approve/Deny/Reassign reimbursements



@localhost:8888

First API

POST ▼ http://localhost:8888/employee/new **Send** **200 OK** 380 ms 143 B

JSON ▼ Auth ▼ Query Header ¹ Docs Preview ▼ Header ³ Cookie

```
1 {
2   "employeeId": 1,
3   "employeeName": "Jia ying Li",
4   "expenseDate": "2022/02/18",
5   "description": null,
6   "amount": 888,
7   "requestDate": "2022/02/18"
8 }
```

```
1 {
2   "reimbId": 3,
3   "employeeId": 1,
4   "employeeName": "Jia ying Li",
5   "expenseDate": "2022/02/18",
6   "description": null,
7   "amount": 888,
8   "requestDate": "2022/02/18"
9 }
```

POST ▼ http://localhost:8888/manager/new **Send** **202 Accepted** 2.6 s 167 B

JSON ▼ Auth ▼ Query Header ¹ Docs Preview ▼ Header ³ Cookie

```
1 {
2   "requestId": 1,
3   "requester": "Jia ying Li",
4   "amount": 1000,
5   "status": "APPROVE",
6   "managerComment": "none",
7   "managerName": "August Duet",
8   "decisionDate": "2022/02/18"
9 }
```

```
1 {
2   "statusId": 4,
3   "requestId": 1,
4   "requester": "Jia ying Li",
5   "amount": 1000,
6   "status": "APPROVE",
7   "managerComment": "none",
8   "managerName": "August Duet",
9   "decisionDate": "2022/02/18"
10 }
```

Connecting with Database

reimb_form | Enter a SQL expression to filter results (use Ctrl+Space)

	123 reimb_id	123 employee_id	ABC employee_name	ABC expense_date	ABC description	123 amount	ABC request_date
1	1	1	Jia ying Li	2022/02/12	certification cost	349	2022/02/12
2	2	1	Jia ying Li	2022/02/15	relocation	1,000	2022/02/15
3	3	1	Jia ying Li	2022/02/18	certification cost	1,000	2022/02/18

users | Enter a SQL expression to filter results (use Ctrl+Space)

	123 user_id	ABC username	ABC employee_name	ABC role	ABC email
1	1	jiaying.li	Jia ying Li	EMPLOYEE	jiaying.li@revature.com
2	2	august.duet	August Duet	MANAGER	august.duet@revature.com
3	3	john.doe	John Doe	MANAGER	john.doe@revature.com

status | Enter a SQL expression to filter results (use Ctrl+Space)

	123 status_id	123 request_id	ABC requester	123 amount	ABC status	ABC manager_comment	ABC manager_name	ABC decision_d
1	1	1	Jia ying Li	349	ARRPOVE	Reassign by another manager	John Doe	2022/02/12
2	2	1	Jia ying Li	1,000	ARRPOVE	Reassign by another manager	John Doe	2022/02/18
3	3	1	Jia ying Li	1,000	ARRPOVE	Reassign by another manager	John Doe	2022/02/18

Second API

```
-----=_Part_1_1189200688.1645174330118
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Dear Jia ying Li, your reimbursement request have been APPROVE
-----=_Part_1_1189200688.1645174330118--

-----=_Part_0_1700575778.1645174330112--
.
250 2.0.0 OK 1645174332 e4sm9126210pgr.35 - gsmt
DEBUG SMTP: message successfully delivered to mail server
QUIT
221 2.0.0 closing connection e4sm9126210pgr.35 - gsmt
[http-nio-8088-exec-3] INFO com.example.emailapi.controller.EmailController - Received request. Sending out the email.
```

Unit Testing

Coverage: ControllerEmployeeTest ×				
↑ 66% classes, 21% lines covered in 'all classes in scope'				
Element	Class, %	Method, %	Line, %	
com.example.proj...	66% (8/1...	27% (20...	21% (33/...	

Coverage: ControllerManagerTest ×				
↑ 66% classes, 19% lines covered in 'all classes in scope'				
Element	Class, %	Method, %	Line, %	
com.example.proj...	66% (8/1...	26% (19/...	19% (30/...	

Coverage: ReimbFormRepositoryTest ×				
↑ 8% classes, 1% lines covered in 'all classes in scope'				
Element	Class, %	Method, %	Line, %	
com.example.proj...	8% (1/12)	2% (2/73)	1% (2/148)	

Coverage: ServiceReimbFormTest ×				
↑ 16% classes, 4% lines covered in 'all classes in scope'				
Element	Class, %	Method, %	Line, %	
com.example.proj...	16% (2/12)	8% (6/73)	4% (7/14...	

Coverage: ServiceStatusTest ×				
↑ 16% classes, 4% lines covered in 'all classes in scope'				
Element	Class, %	Method, %	Line, %	
com.example.proj...	16% (2/12)	8% (6/73)	4% (7/14...	

Coverage: EmailControllerTest ×				
↑ 100% classes, 91% lines covered in 'all classes in ...'				
Element	Class, %	Method, %	Line, %	
com.exam...	100% (3...	88% (8/9)	91% (33...	