

Dokumentasi Testing

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1 Unit Testing untuk Middleware authorisasi

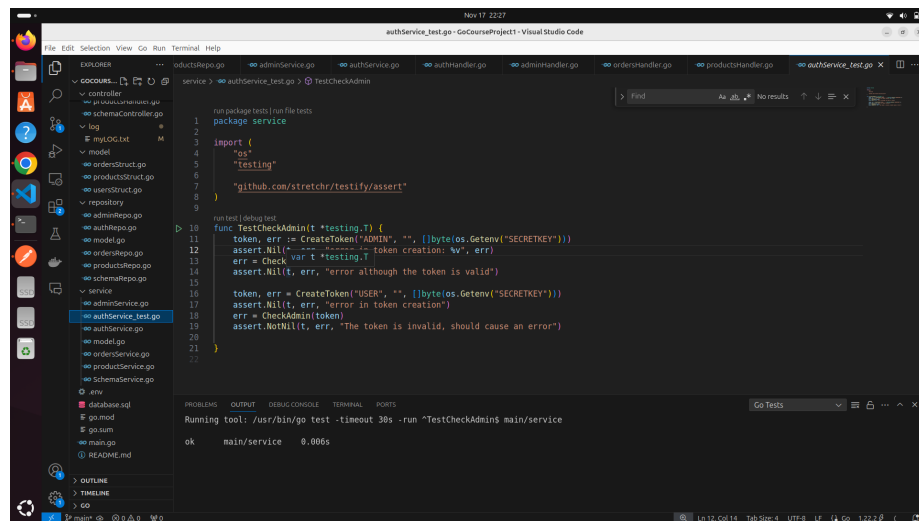


Figure 1: Unit Testing the Authentication Middleware

2 Postman Integration Testing

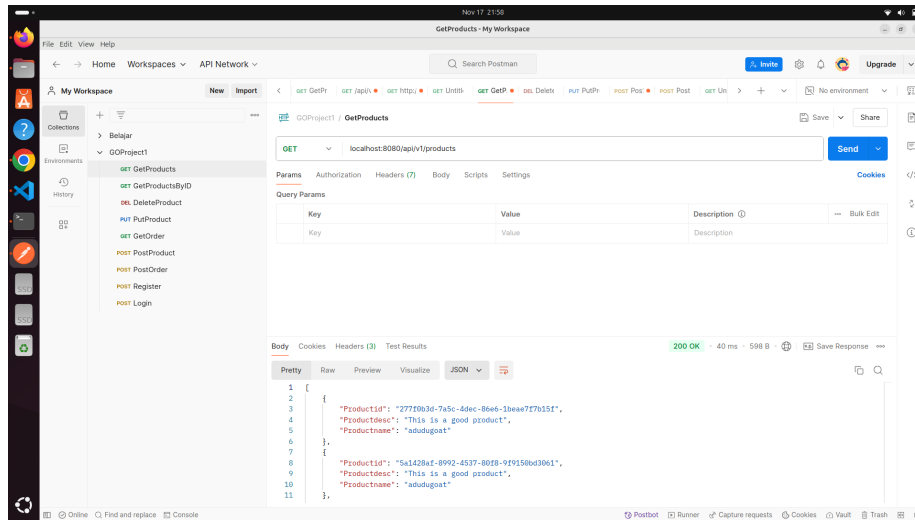


Figure 2: Testing `/api/v1/products`

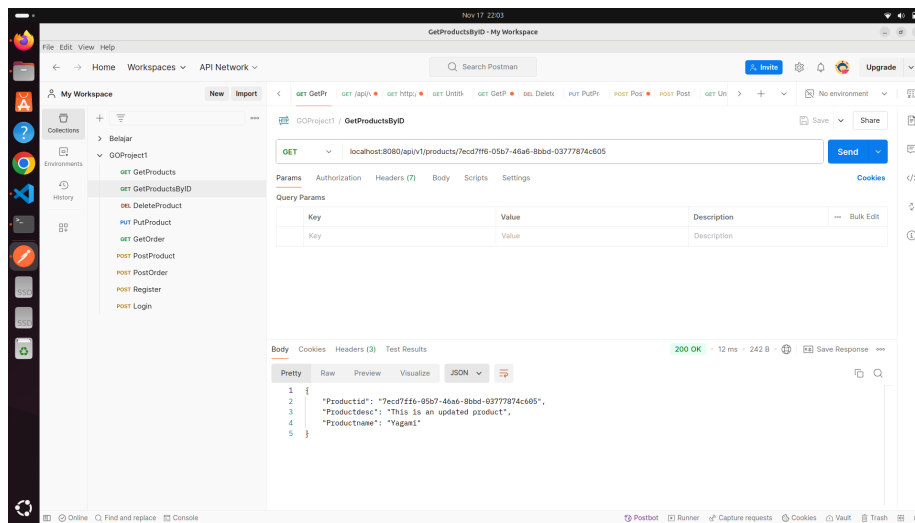


Figure 3: Testing `/api/v1/products/:id`

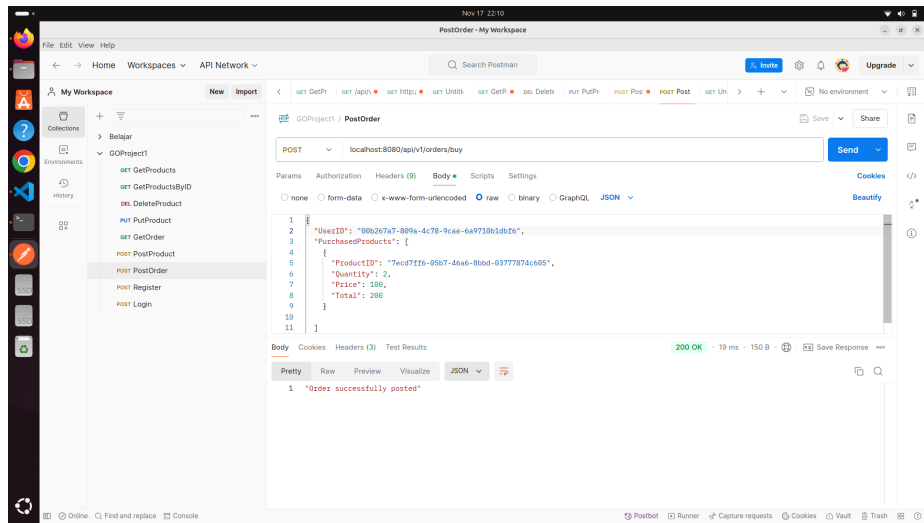


Figure 4: Testing /api/v1/orders/buy

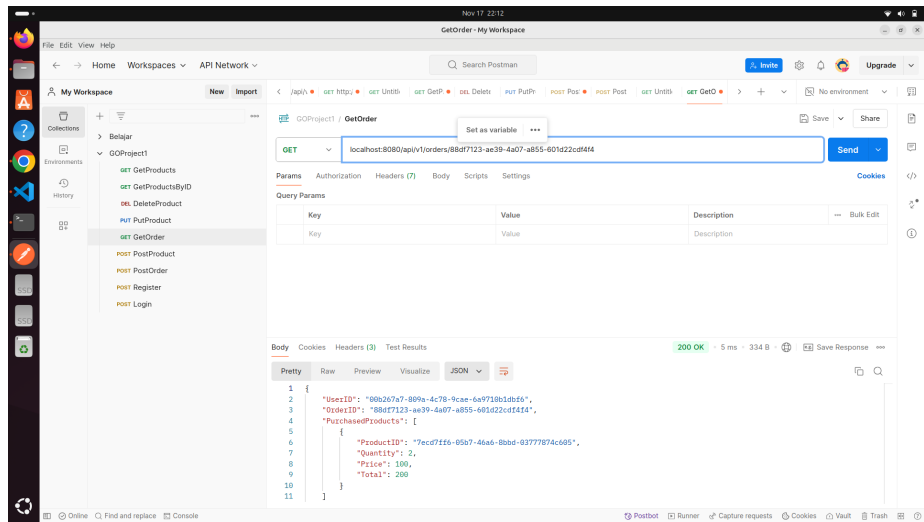


Figure 5: Testing api/v1/orders/:id

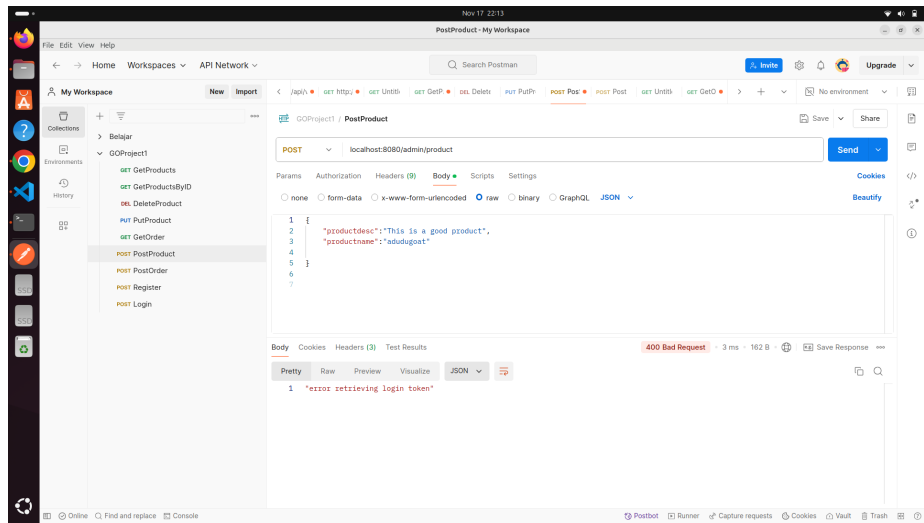


Figure 6: Testing /admin/product no login

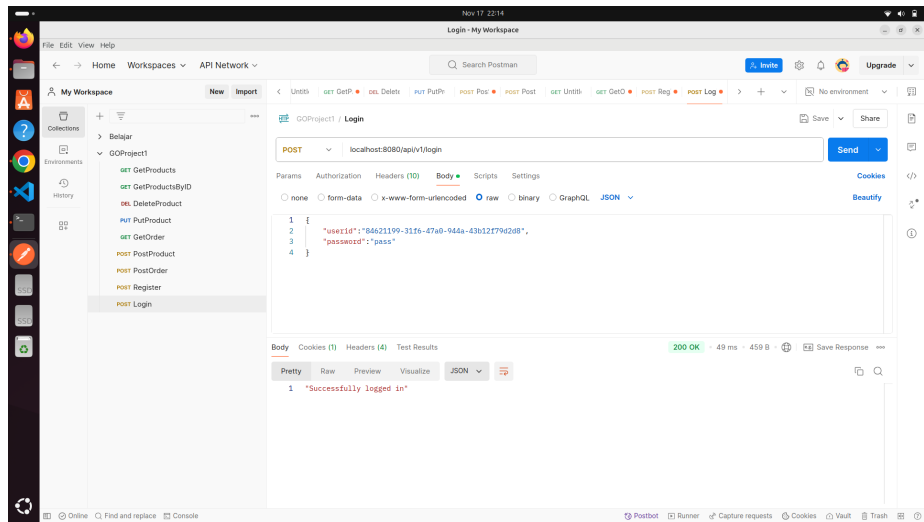


Figure 7: Testing /api/v1/login

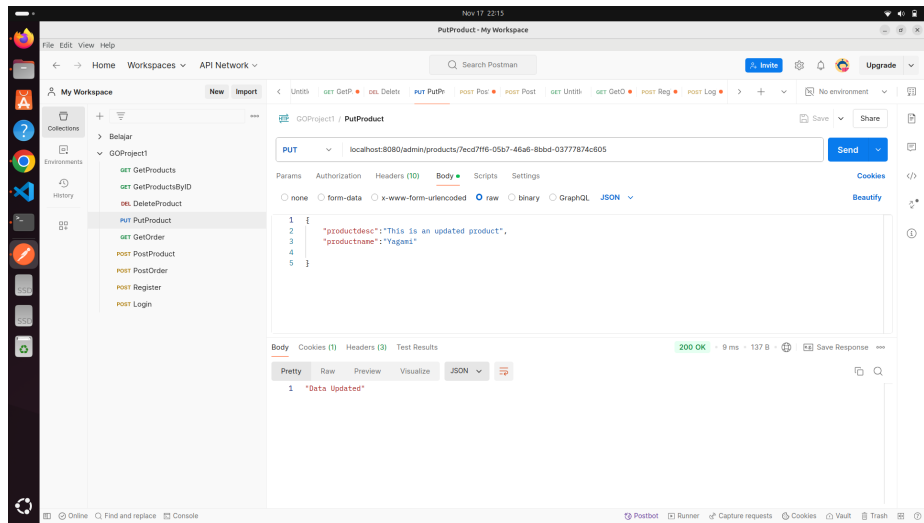


Figure 8: Testing `/admin/products/:id put`

```

mysql> SELECT * FROM Products;
+-----+-----+-----+
| PRODUCTID | PRODUCTDESC | PRODUCTNAME |
+-----+-----+-----+
| 277f0b3d-7a5c-4dec-86e6-1beae7f7b15f | This is a good product | adudugoat |
| 5a1428af-8992-4537-80f8-9f9150bd3061 | This is a good product | adudugoat |
| 7ecd7ff6-05b7-46a6-8bbd-03777874c605 | This is an updated product | Yagami |
| c011db5c-1b25-4adf-9f9b-14137a155ae9 | This is a good product | adudugoat |
+-----+-----+-----+
4 rows in set (0.00 sec)

```

Figure 9: The update result

[H]

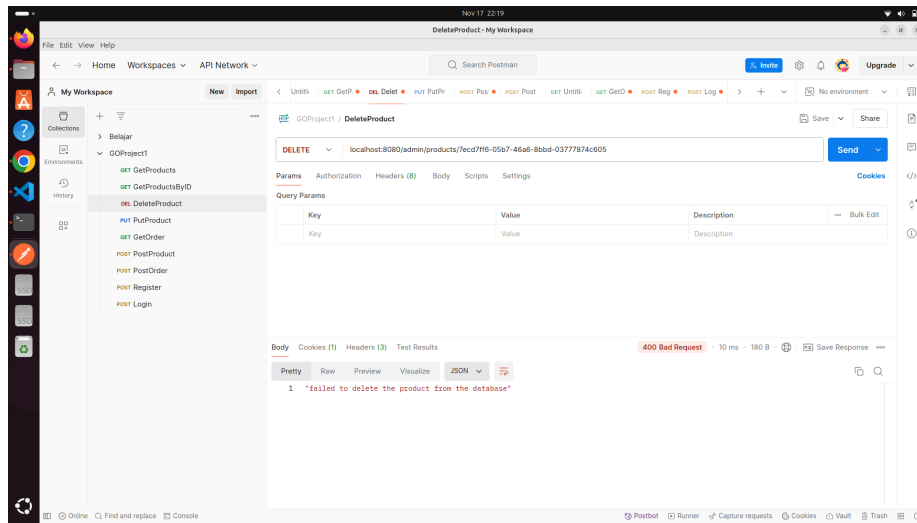


Figure 10: Testing the delete /admin/products/:id

Since there is a foreign key constrain, that product cannot be deleted, however, if one wish to delete it then one can disable the foreign key constrain or just create an isDeleted column. I only put this because I want to show all CRUD.

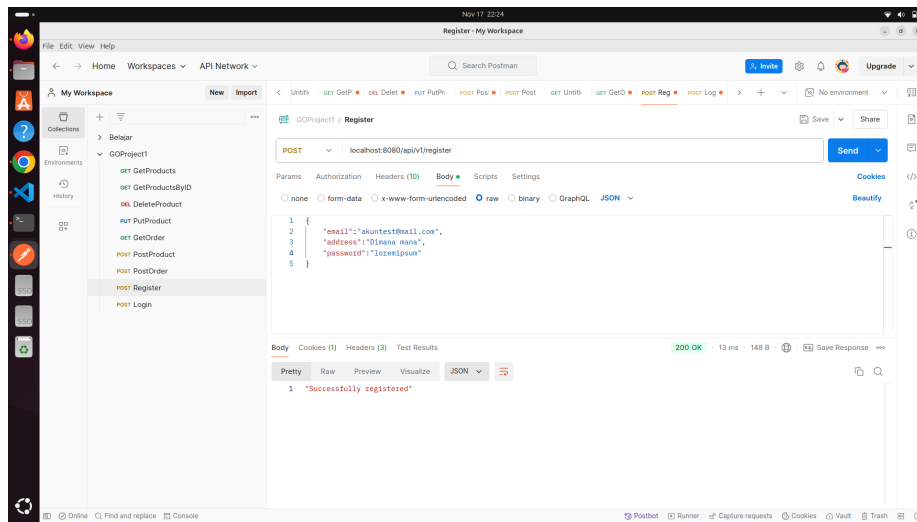


Figure 11: Register from postman

```
mysql> SELECT * FROM Users;
```

USERID	EMAIL	ADDRESS	PASSWORDHASH	ROLE
00b267a7-809a-4c78-9cae-6a9710b1dbf6			47DEQpJ8HBSa+/T1mW+5JCeuQeRkn5NMpJWZG3hSuFU=	USER
0557354a-e91b-48bd-9665-538d6a7600a4	johnndoe@mail.ugm.ac.id	jkt	10/w7o2juYBrGMh32/KbveULW9jk2tejpyUAD+uC6PE=	USER
3481238c-a925-4b4f-b816-576ccea800ac	akuntest@mail.com	Dinana mana	UkwL33jwhPppj2mQH7LgWLMi9qdP7Vvyy/nfZe6ieBxw=	USER
6056b8cc-2d80-45ff-a424-703e9f774cd9e	johnndoe@mail.ugm.ac.id	new york	10/w7o2juYBrGMh32/KbveULW9jk2tejpyUAD+uC6PE=	USER
6ec00127-aeb5-43f5-8a50-f923ce84047f	admin@mail.ugm.ac.id	Milky Way	10/w7o2juYBrGMh32/KbveULW9jk2tejpyUAD+uC6PE=	ADMIN
84621199-31f6-47a0-944a-43b12f79d2d8	admin@mail.ugm.ac.id	Milky Way	10/w7o2juYBrGMh32/KbveULW9jk2tejpyUAD+uC6PE=	ADMIN
f3056a76-d18b-4c0e-8099-de148bcf562f	johnndoe@mail.ugm.ac.id	new york	10/w7o2juYBrGMh32/KbveULW9jk2tejpyUAD+uC6PE=	USER
f8ca4ac2-2343-4e99-8174-61c100deb0b0			47DEQpJ8HBSa+/T1mW+5JCeuQeRkn5NMpJWZG3hSuFU=	USER

8 rows in set (0.00 sec)

Figure 12: Testing the register in the database