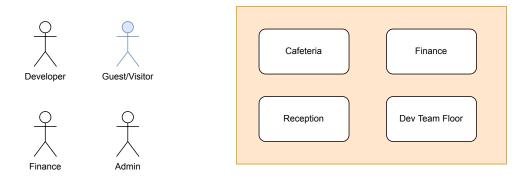
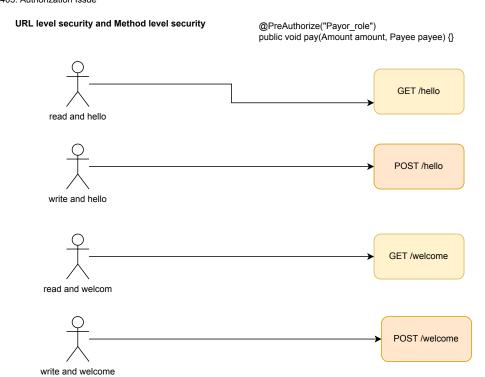
Security

Authentication vs Authorization

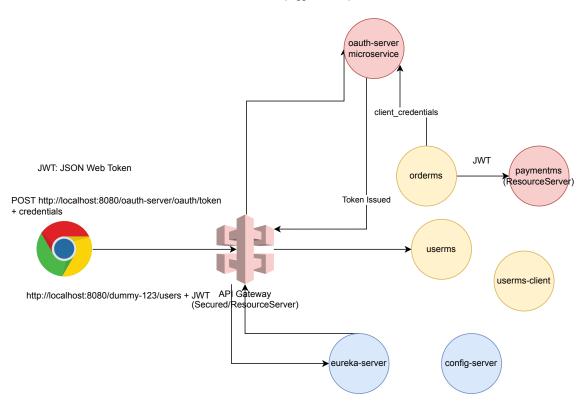


Basic Security or Multi-Factor Authentication, OAuth2, SAML

401: Authentication Issue 403: Authorization Issue



Microservices (Bigger Picture)



```
{
"access_token":"97684cbe-6b36-4f4d-a0cd-b0029998e3ce",
"token_type":"bearer",
"expires_in":89911,"scope":"read write"
```

Day-11_Security 4/4/22, 5:23 PM

OAuth2

OAuth2 Players:

- 1. Resource Owner(Human User)
- 2. Client (candy)
- Authorization Server (oauth-server)
 Resource Server (APIGateway)

Grant Types:

- Authorization Code (SSO)
 Implicit (Deprecated)
 Password
 Client Credentials (No Human User)
 Refresh Token