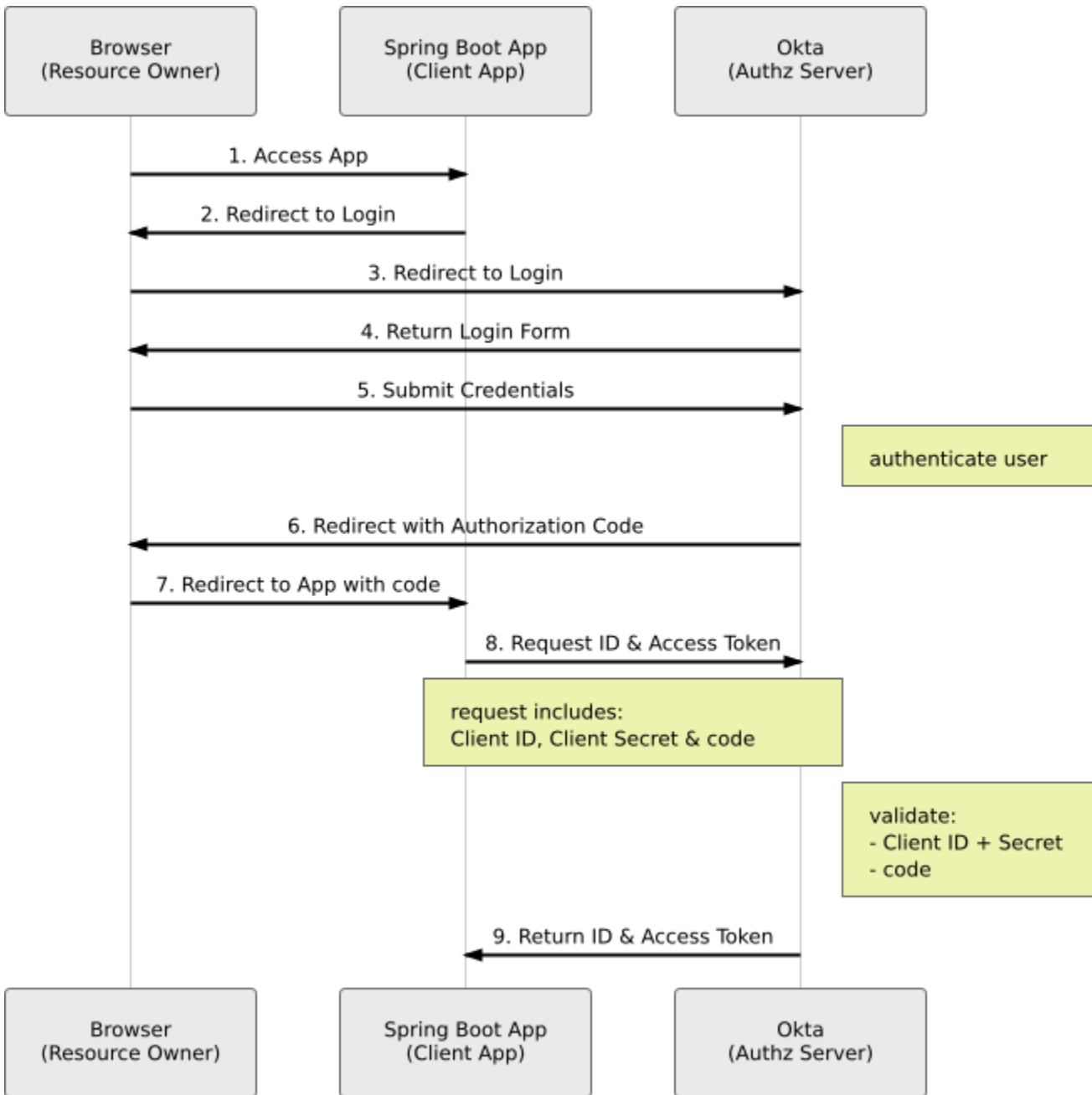# SSO APIs

Note: to verify Authorization Code, client app must generate sessionID or uniqueID with param name is state in Step 1 and send to Auth server in Step 2, after that verify in Step 7

Authorize

URL: https://<sso-domain>/oauth/authorize?provider=&client_id=clientapp&scope=user_info&response_type=code&redirect_uri=https://pub-portal-dev.mp.directsale.vn/authentication/login&state=d473dc0bc3e0c53d7e00df51ec2c2aae5a1cfa2c5b5b3e1d5fced03e1668260f

```
    provider                  : facebook, google, apple
```

Login

URL: https://<sso-domain>/login

Login success redirect to redirect_uri

URL: https://pub-portal-dev.mp.directsale.vn/authentication/login?
code=LKLCWP&state=914e04bbb7eda385162cba3f673f4ad235a989c3b2a1f7fb3398bb1c0eba65c3

```
    Use code to get Access-Token through uri https://<sso-domain>/oauth
    /token below
```

Logout

URL: https://<sso-domain>/logout

OAuth2 Client config

```
    Client Id                : clientapp
    Client Secret            : 123456
    Access / Req Token Uri   : http://domain.com/oauth/token
    User Authorization Uri   : http://domain.com/oauth/authorize
    User Info Uri            : http://domain.com/user/me
```

Access Tokens

Client can get access token through uri https://<sso-domain>/oauth/token support 3 grant types: ["authorization_code", "refresh_token", "password"]

Request Header:

```
    Content-Type    : application/x-www-form-urlencoded
    Authorization   : Basic {{auth_token}}
```

{{auth_token}} is base64 of string clientId:clientSecret, ex: base64("clientapp:123456")

```
    Method: POST
    . authorization_code    : for Web login
    . refresh_token         : for renew token
    . password              : for API login
```

More info at https://www.oauth.com/oauth2-servers/access-tokens/

APIs

Base URL: http://domain.com/api/v1
Request Header:

```
    Content-Type     : application/json
    Authorization    : Bearer {{access_token}}
```

Logout APIs:

```
    API Url          : /user/logout
    Actor / Role     : User
    Method           : GET
    Request          : null
    Response         : {"status":"success","data":null,"message":null,"code":
    0}
```

User APIs: README_user.md

```
    API Url          : /user/{{action}}
    Actions          : createUser, editUser, updateUser, getUser,
    activeUser, inactiveUser, findUsers
    Actor / Role     : Admin (Normal user can editUser)
```

Role APIs: README_role.md

```
    API Url          : /role/{{action}}
    Actions          : createRole, updateRole, getRole, activeRole,
    inactiveRole, findRoles
    Actor / Role     : System, Admin (read only)
```

Permission APIs: README_permission.md

```
    API Url          : /permission/{{action}}
    Actions          : createPermission, updatePermission, getPermission,
    activePermission, inactivePermission, findPermissions
    Actor / Role     : System, Admin (read only)
```

OAuth2 Client example

PHP Simple example
https://oauth.net/code/php/
https://github.com/aaronpk/sample-oauth2-client

Python https://github.com/joestump/python-oauth2

Java https://github.com/spring-guides/tut-spring-boot-oauth2