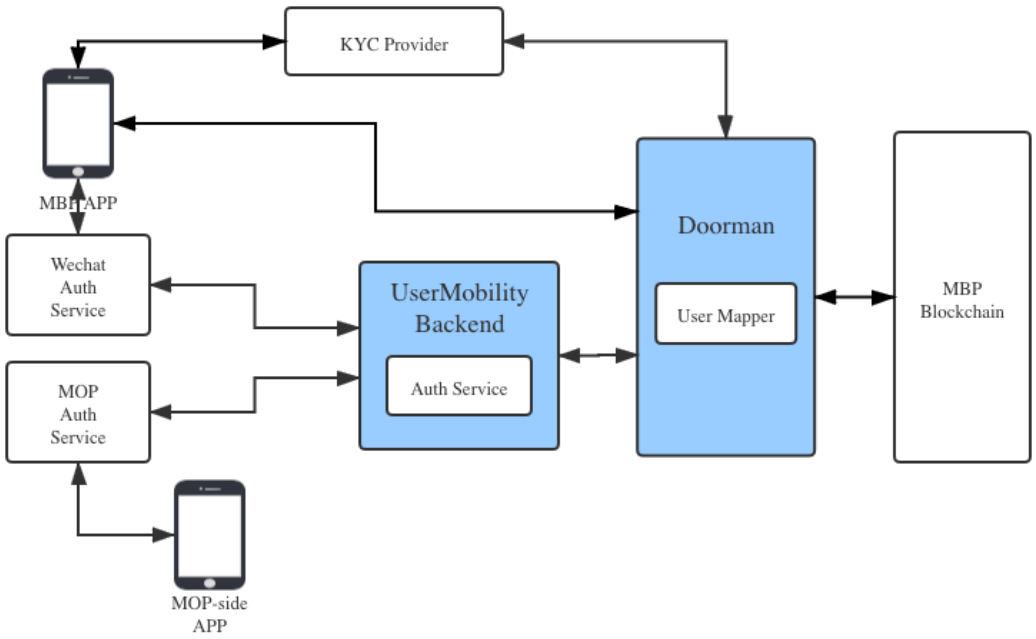
MBP

MBP as one blockchain-based unified account system.

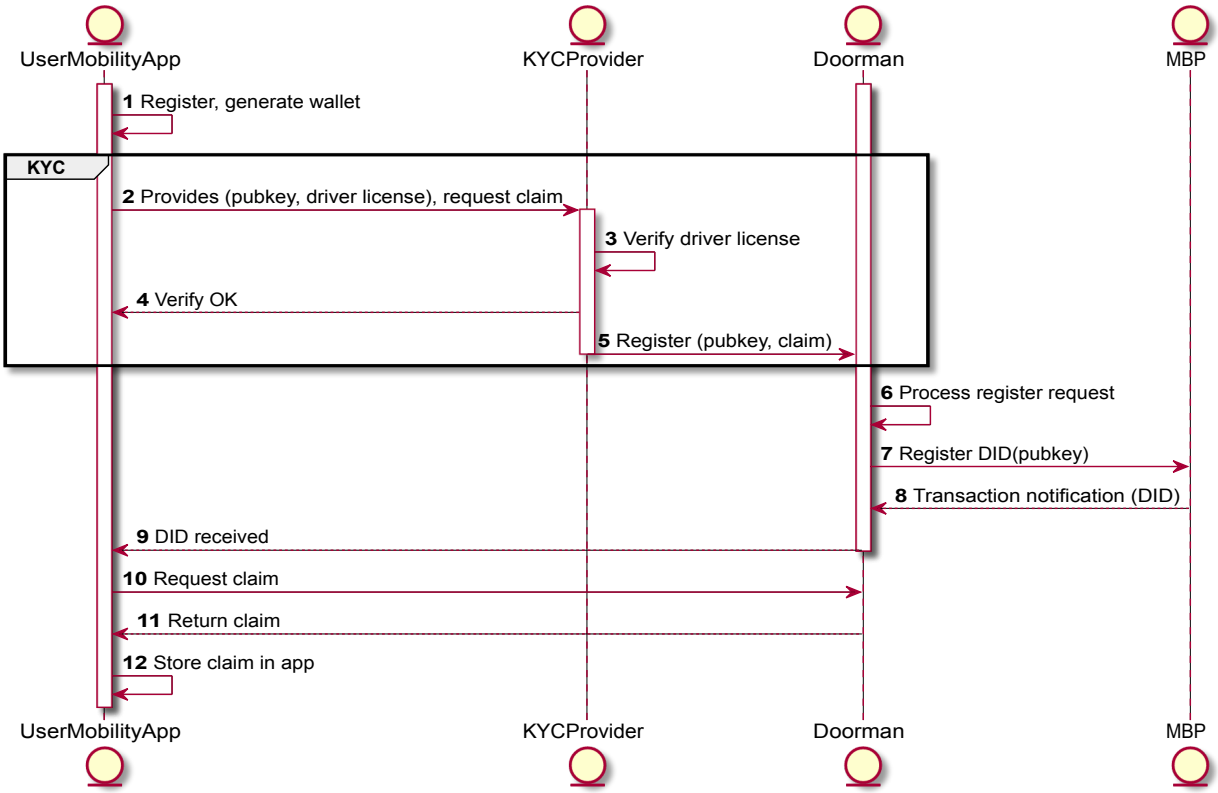
Components



Stories

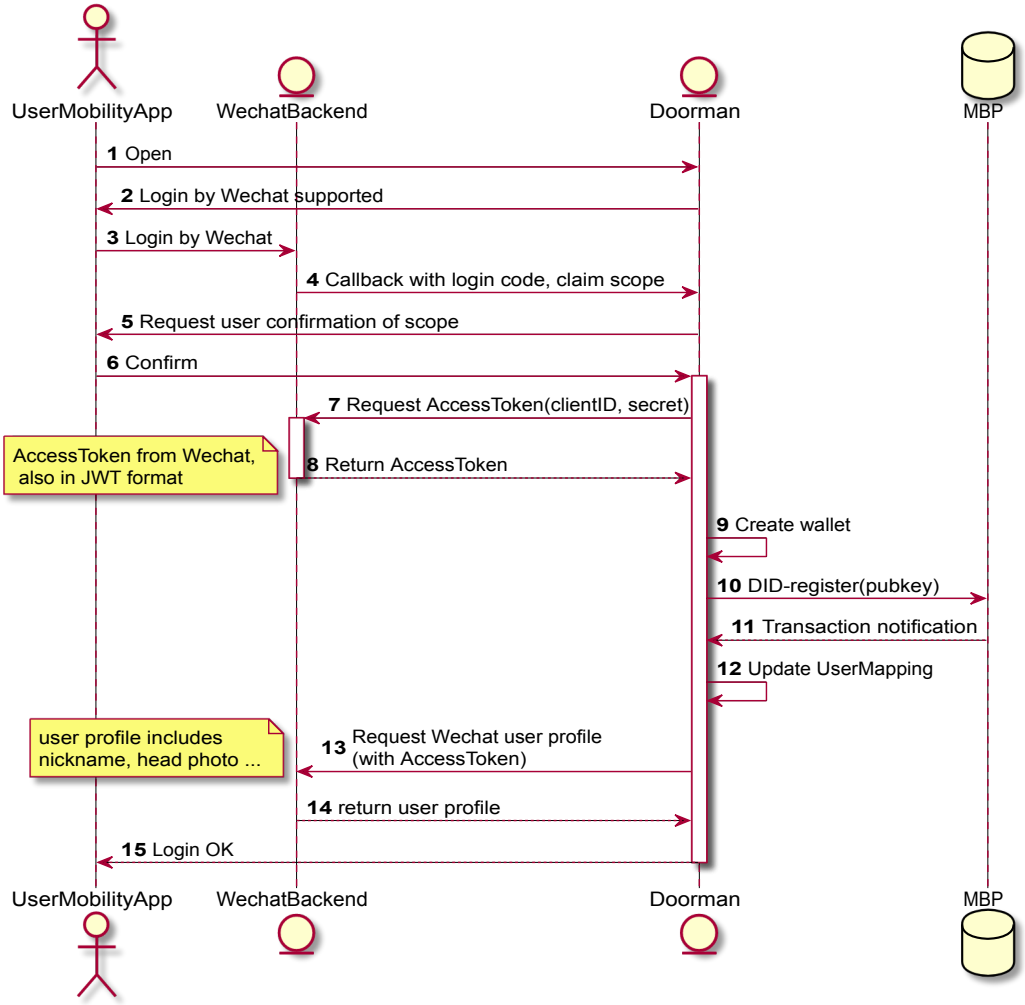
- User Registration
- User Login with Wechat
- MOP User Login through MBP

User Registration with KYC



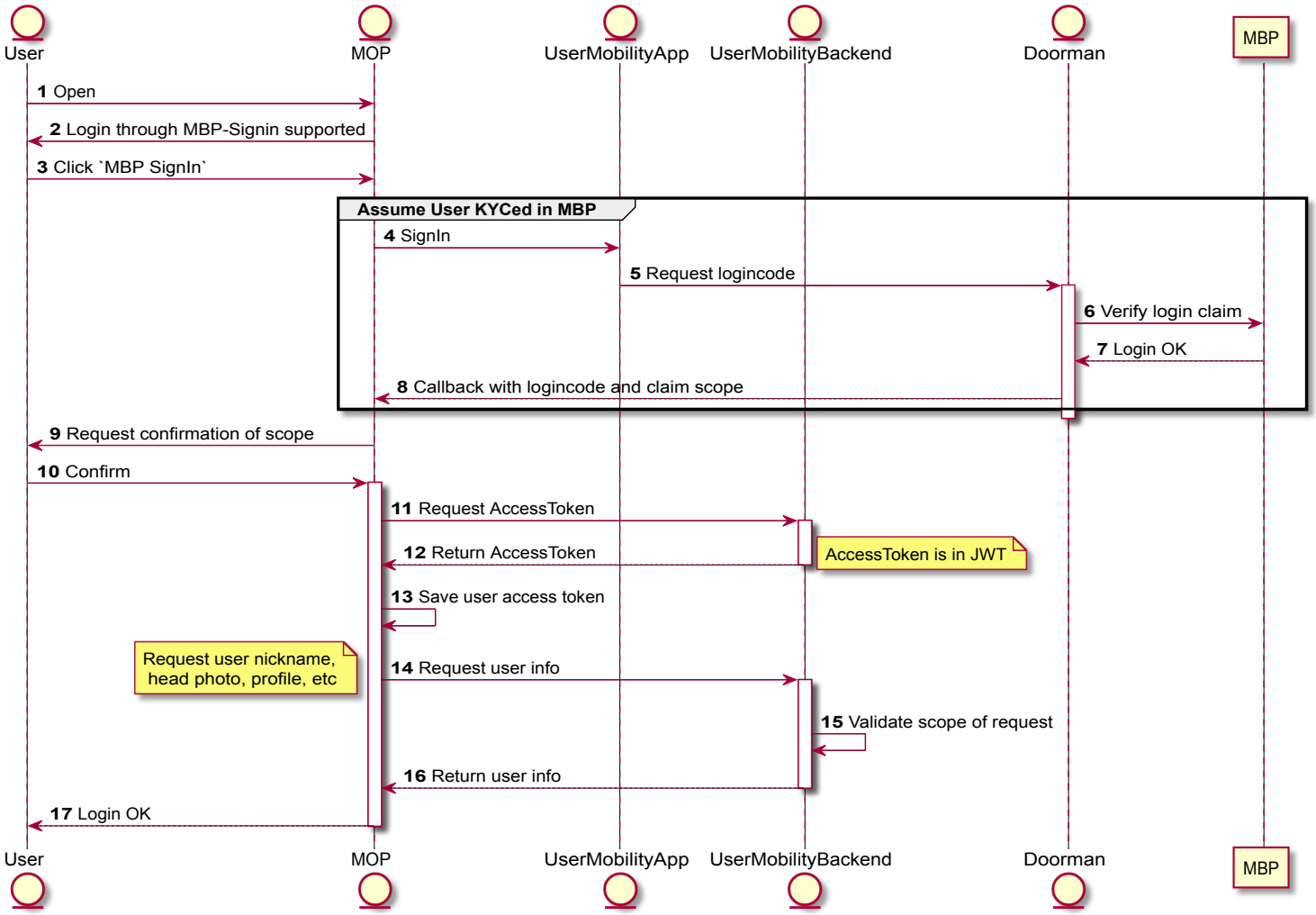
User Login with Wechat

1. User login UserMobilityApp with Wechat (callback url redirected to Doorman)
2. Wechat authentication server callbacks Doorman
3. Doorman request `access-token` from Wechat authentication server
4. Doorman make user mapping
5. Doorman registers DID in MBP
6. Doorman notifies App user login OK



MOP Login through MBP Signin

1. User login MOP through MBP-Signin
2. MOP request authentication from Doorman
3. Doorman verifies user request, callback MOP
4. MOP get login code, request AccessToken
5. Doorman grant AccessToken(jwt) to MOP
6. MOP request user information with AccessToken
7. MOP notify User login OK


User
MOP
UserMobilityApp
UserMobilityBackend
Doorman
MBP
1 Open
2 Login through MBP-Signin supported
3 Click `MBP SignIn`
Assume User KYCed in MBP
4 SignIn
5 Request logincode
6 Verify login claim
7 Login OK
8 Callback with logincode and claim scope
9 Request confirmation of scope
10 Confirm
11 Request AccessToken
12 Return AccessToken
AccessToken is in JWT
13 Save user access token
Request user nickname, head photo, profile, etc
14 Request user info
15 Validate scope of request
16 Return user info
17 Login OK
User
MOP
UserMobilityApp
UserMobilityBackend
Doorman
MBP