

mobileApp1 : User Application

: API Gateway

: Account Service

Common Database : DBMS

the user_id is
basically the
username

1: userLogin(user_id, password)

2: userLogin(user_id, password)

3: querySelectAccountPassword(user_id)

4: empty/DBpassword

alt

[if result empty (user does not exist)]

5: login failed

6: login failed

[else]

7: checkIfPasswordEquals(password, DBpassword)

alt

[if password incorrect]

8: login failed

9: login failed

[else]

10: generateToken()

11: token

12: saveMappingTokenOnRAM(user_id, token)

13: token

