

# Auth as a Service in APEX

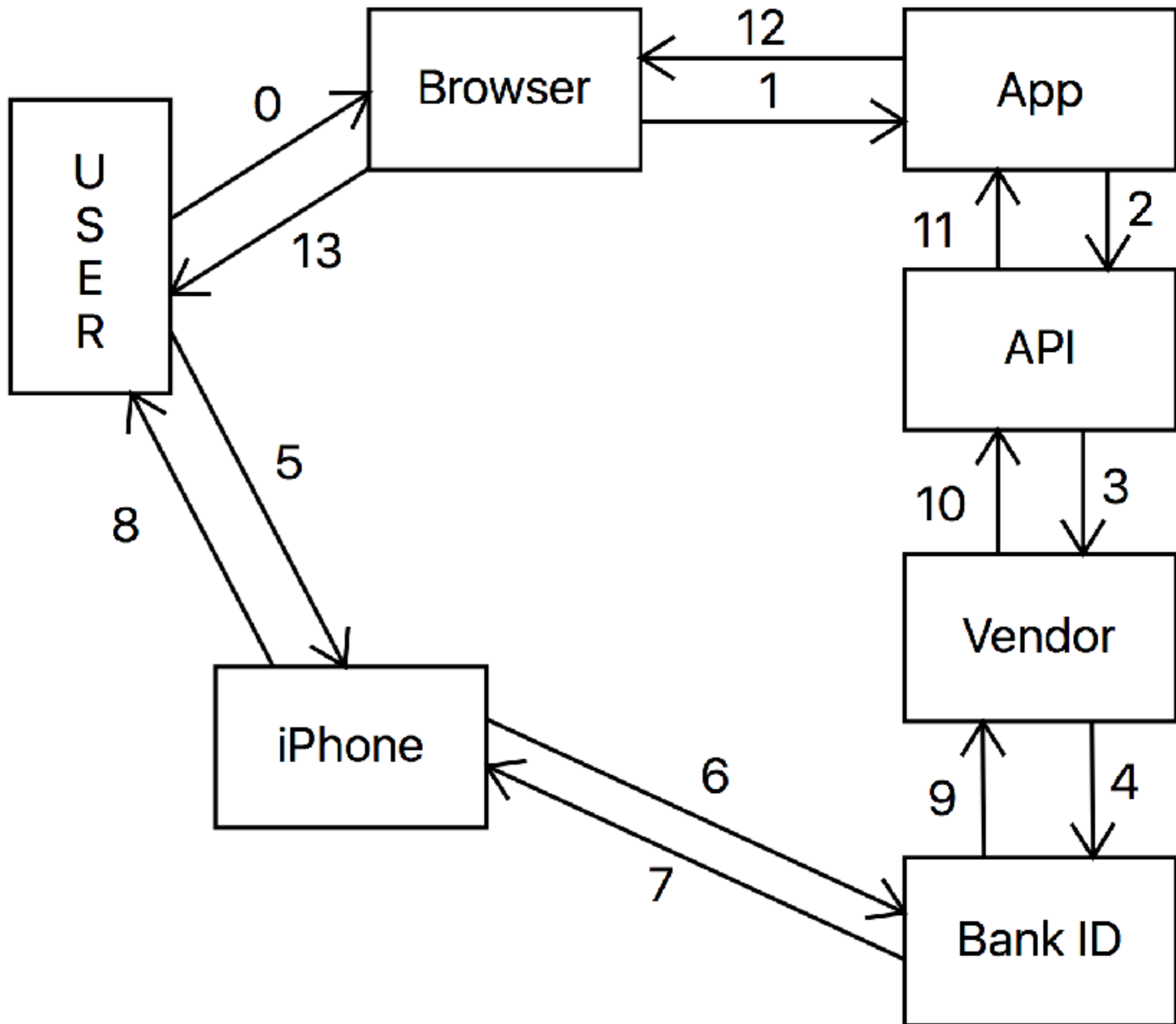
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# Me

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# Three goals today

- Webservice SOAP from PL/SQL
- Integrate SOAP in APEX
- Custom auth from APEX login page 101
- Combine all three into one



# Looks Hard

The operative word is “looks”

It is complex, but not our part.

Only two SOAP APIs

- ✓ Authenticate
- ✓ Collect



# From Spec to Done

- Play with the API in SoapUI
- Anonymous block in PL\*SQL
- PL/SQL Package
- APEX Custom Login

# Three States

- NO\_CLIENT
- USER\_SIGN
- COMPLETE

# Soap UI

- Lets look at the process in Soap UI



# PL/SQL

Same thing in PL/SQL:

```
APEX_WEB_SERVICE.make_request  
APEX_WEB_SERVICE.parse_xml -> Order Ref  
loop  
    sleep(3)  
    APEX_WEB_SERVICE.make_request  
    APEX_WEB_SERVICE.parse_xml  
end loop;
```

# PL/SQL

Let's take a look at the horribly hardcoded code  
and test it

# Procedure

Parameter of user name (+ password)

Look up SSN (personnummer) for user

Perform logon via BankID

# Procedure

Let's take a look at the code and test it

# APEX

- Create a new app
- Create custom auth scheme using function `auth_sweoug`
- Set applications security to “Must Not Be Public User”
- Hide the Password field on page 101

# APEX

Lets wreck this thing!

Do what I just claimed would be enough.

