

Facebook Chat

A collaborative tool

Design Goal

◆ Login with

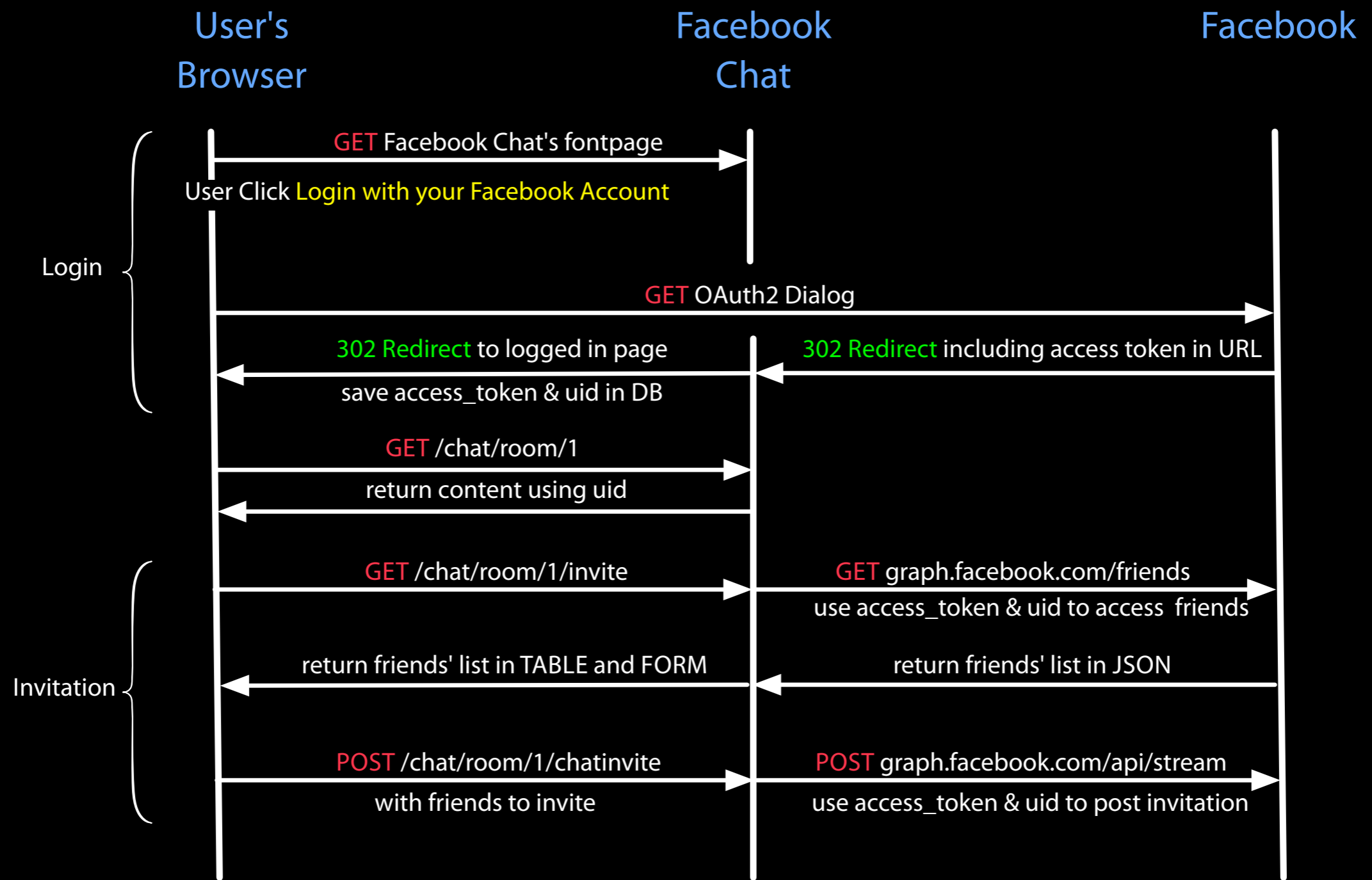
The Facebook logo, consisting of the word "facebook" in a white, lowercase, sans-serif font, followed by a registered trademark symbol (®), all set against a solid blue rectangular background.

facebook®

◆ Add features around the application

What I have achieved

- ◆ Facebook Login
- ◆ Chatroom Creation
- ◆ Chatting
- ◆ Topic Setting
- ◆ Invitation for Facebook Friends
- ◆ Chatroom Permission



Facebook Process

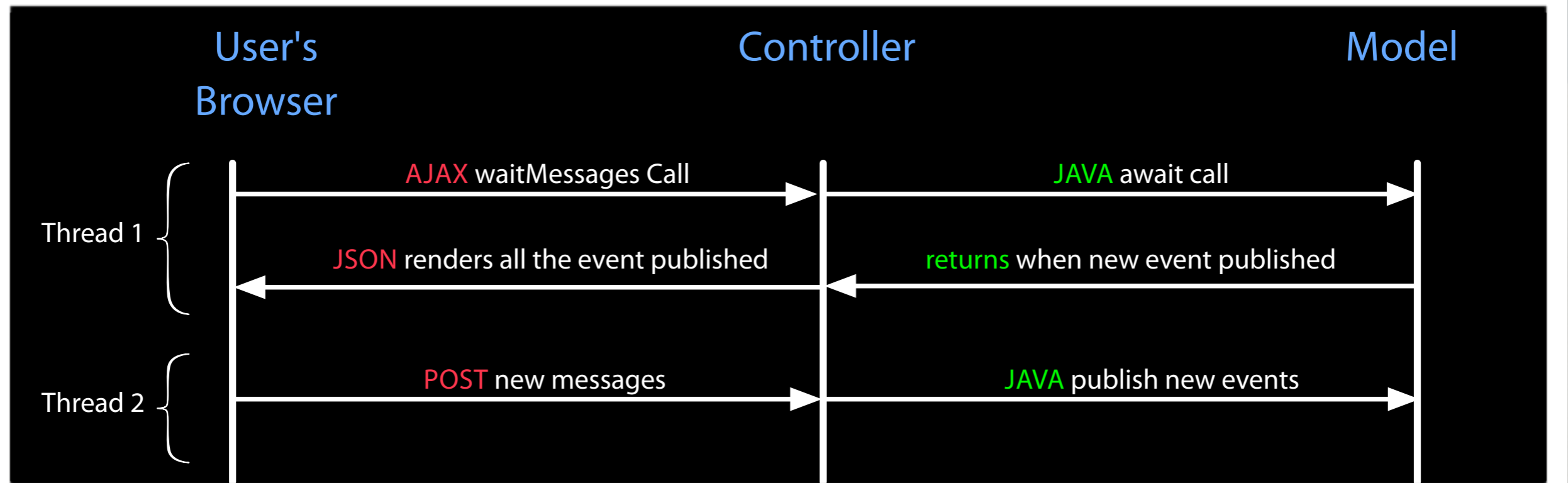
What we keep

Name

Access Token

User ID

Chat Mechanism



◆ Long Polling

- ◆ Issue a `get_message()` and wait for new messages
- ◆ after successfully gotten messages, issue another request
- ◆ Server holds the request until new messages comes in

Video Chat

- ◆ Video Chat - Adobe Flash 10.1
- ◆ P2P streaming + Multicast (Save Bandwidth!)
- ◆ Takes time to setup. But fast afterwards

Frameworks

- ◆ Adobe Flash Streaming
- ◆ Play! Framework
- ◆ CRUD & SECURE MODULE