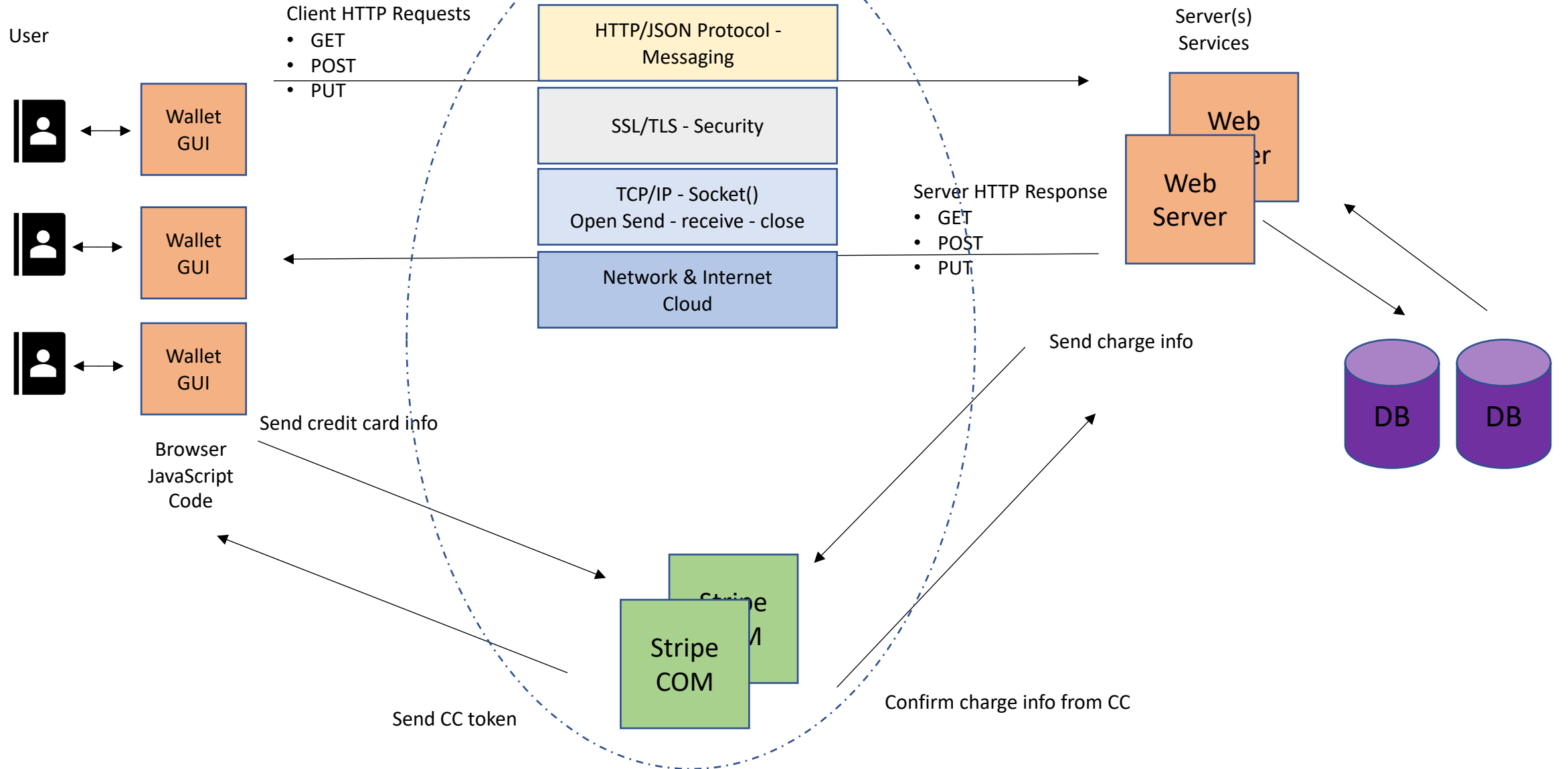


Wallet, Web Server and Payment

Overview

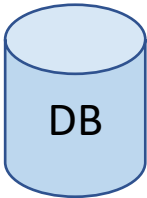




DCASH
Wallet

GUNROCK
Web

M-DB



Auth Kevin 123456
kjc@ucdavis.edu

(1)

Http Client
→ POST **Auth-tokens**
→ Username
→ password

Http Client
→ MySocket
→ connect()

(2)

Http Server
→ Listener
→ Accept()

(3)

(4) **API >> POST /auth-tokens**

Auth Service
→ POST
→ Username
→ password

Users DB
→ user ids
→ Tokens
→ Balance

Http Client Response:
-<< Token
-<< User id

(6)

Http Client
→ PUT **Users**
→ Token
→ User id
→ email

(7)

API PUT /users{user-id}

(5) **Account Service**
→ PUT
→ Token
→ User ID
→ email

Users DB
→ user ids
→ Tokens
→ email

Http Client Response:
-<< email
-<< Balance

(9)

(10)

Balance

DELETE /auth-tokens/{auth-token}

(8) **Auth Service**
→ DEL
→ Auth-token

(11)

(12)

Deposit Service - Need interact with Stripe

Transfer Service & Balance Service