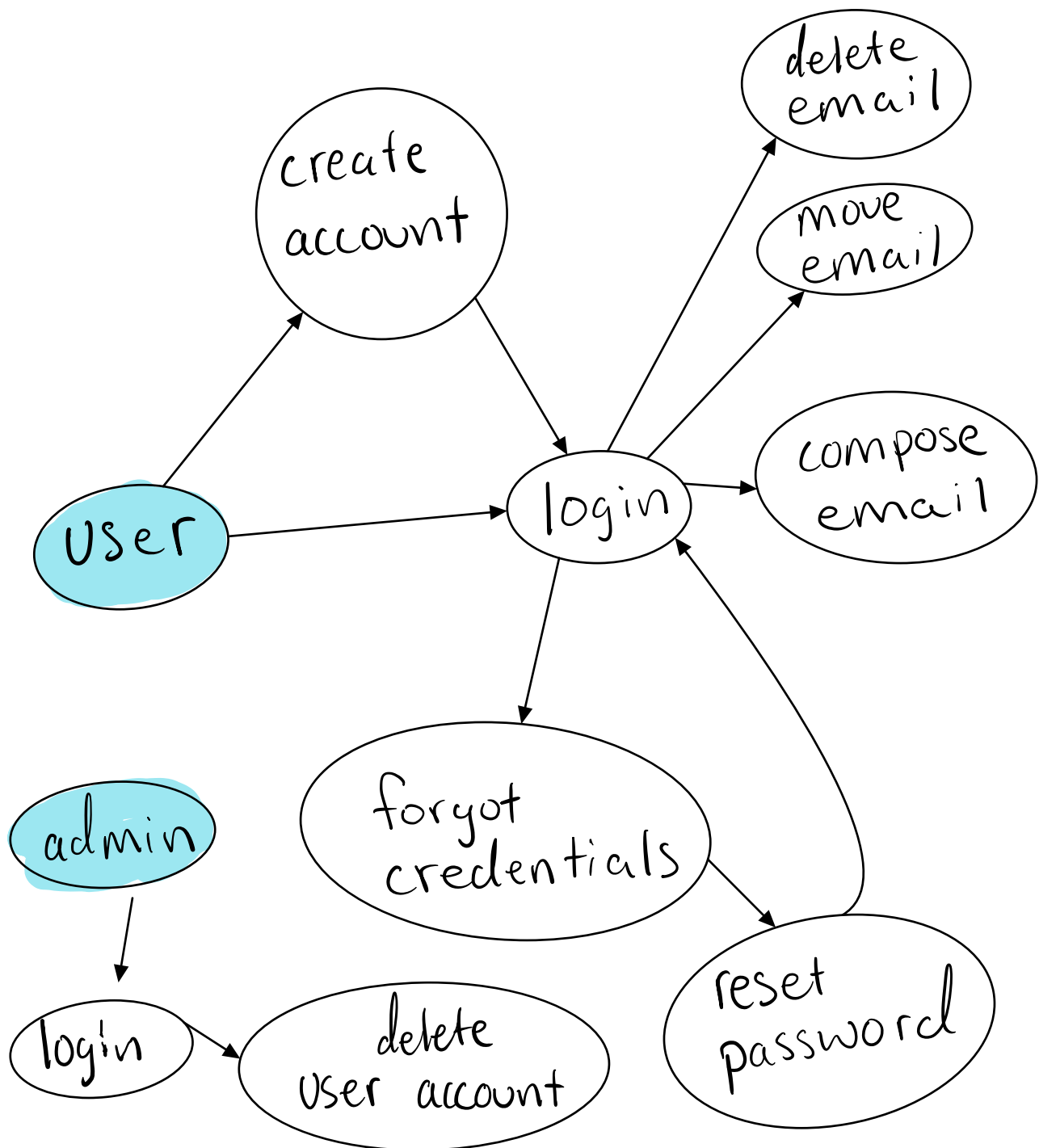
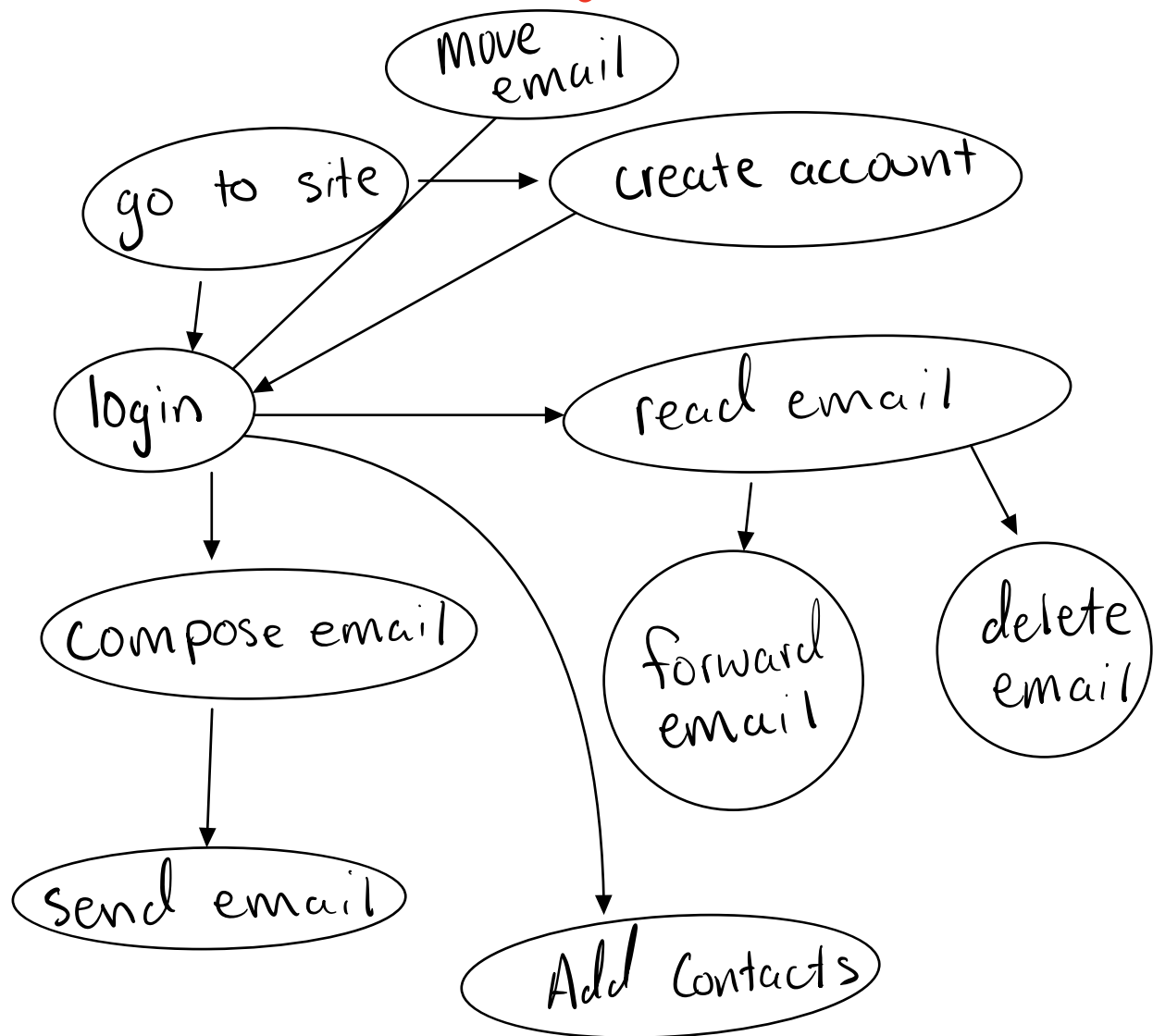


Parker Hague Diagrams created on iPad.

Use Case Diagram



Activity Diagram



Class Diagram

LoginVerification

DateTime loginTime

Token bearerToken

bool wasAuthenticated

Email

string to

string from

string subject

string body

DateTime sentTime

User

string usr

string passHash

int accountAge

bool loggedInThisMonth

Connection

string serverIP

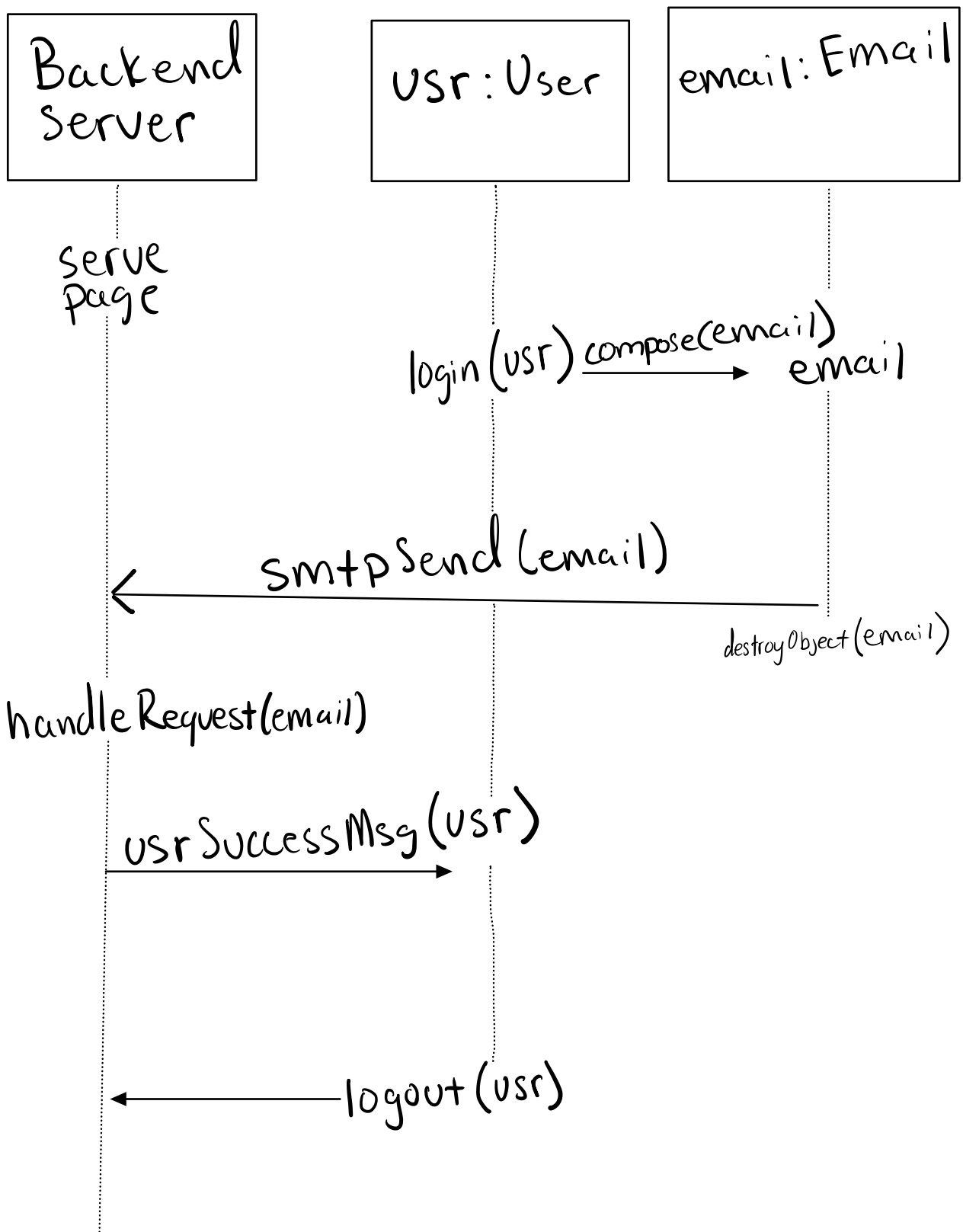
string clientIP

int port

bool isConnected

Each box is
its own object with
instance variables.

Sequence Diagram



Here, the backend is always running and it handles logging in and out. It also handles all the email sending and receiving.

The user object only exists until the user logs out.