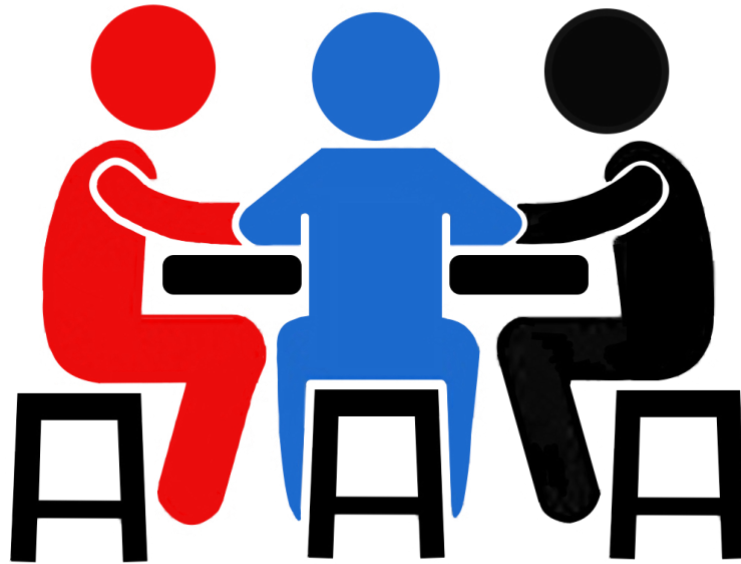# SCREEN SEQUENCE DIAGRAM
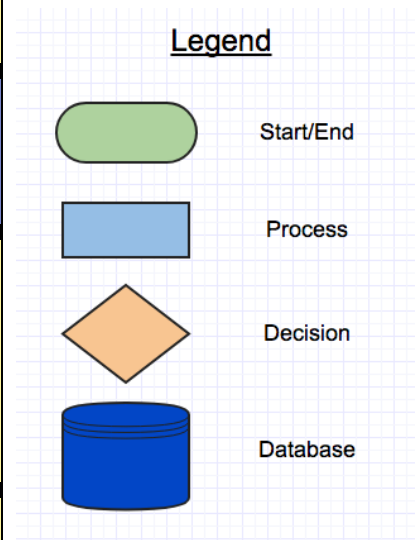## Making Friends Over Food App:

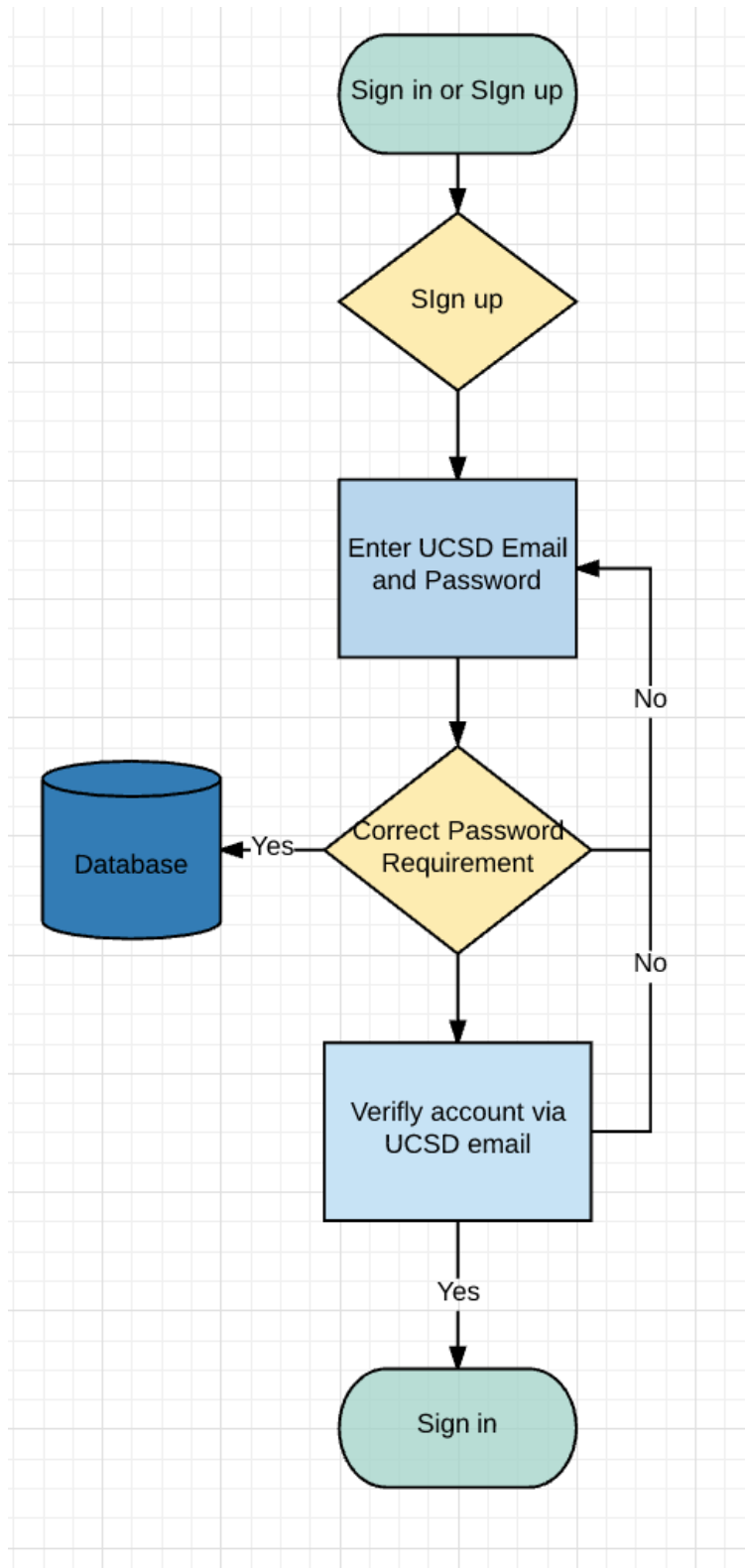
"Tables"

Team Never Eat Alone

Group Members:
Christopher Weaver, Sushanth Mukkamalla,
Vi Phung, Zihao Zhou, Khoa Bui, Xuan Zhang,
Zhening Huang, Yinlong Qian, Jinwei Ren,
Yuhong Sun, Sean Yeh

Table of Contents

Legend

Start/End
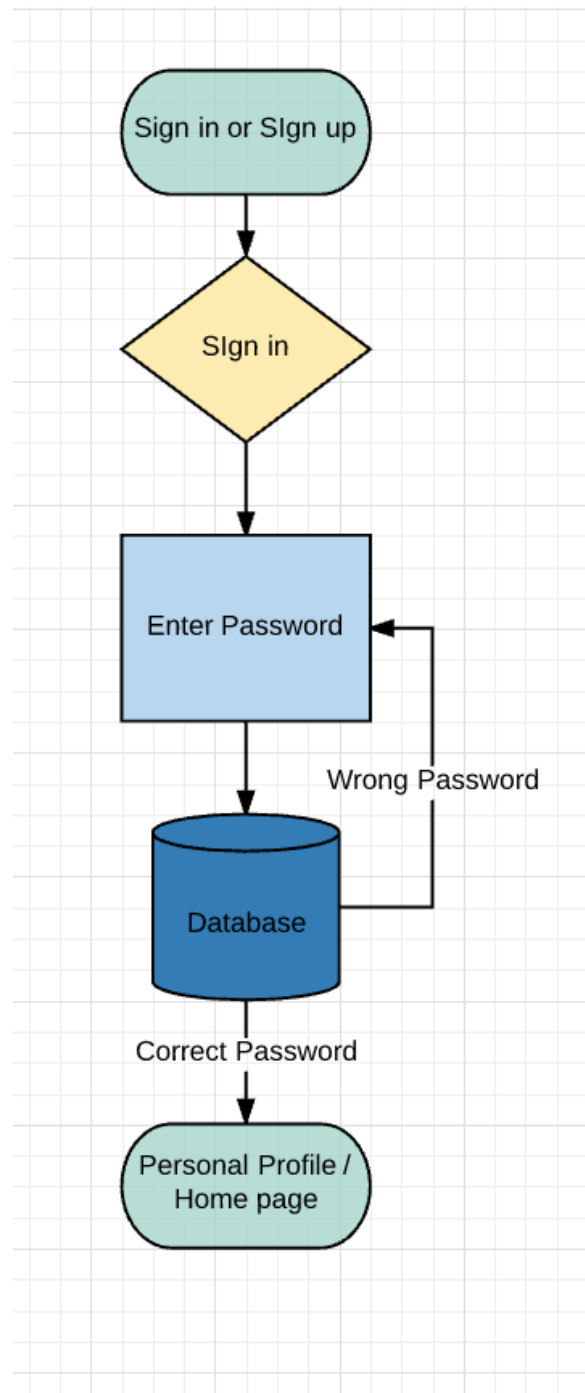
Process

Decision

Database

SSD 1.1: Sign Up Diagram

Sign in or SIgn up

Sign up

Enter UCSD Email and Password

No

Correct Password Requirement

Yes

Database

No

Verifly account via UCSD email

Yes

Sign in

SSD 1.2: Log In Diagram

SSD 1.3: Log Out Diagram

Any Screen with the slide bar

Log out

Failure

Success

Sign in

SSD 1.4: Password Recover

Sign in or SIgn up

Forgot Password

Password Recover Screen

Failure

Database ←Success— Reenter UCSD Email

Failure

Verifly account via UCSD email

Success

Sign in
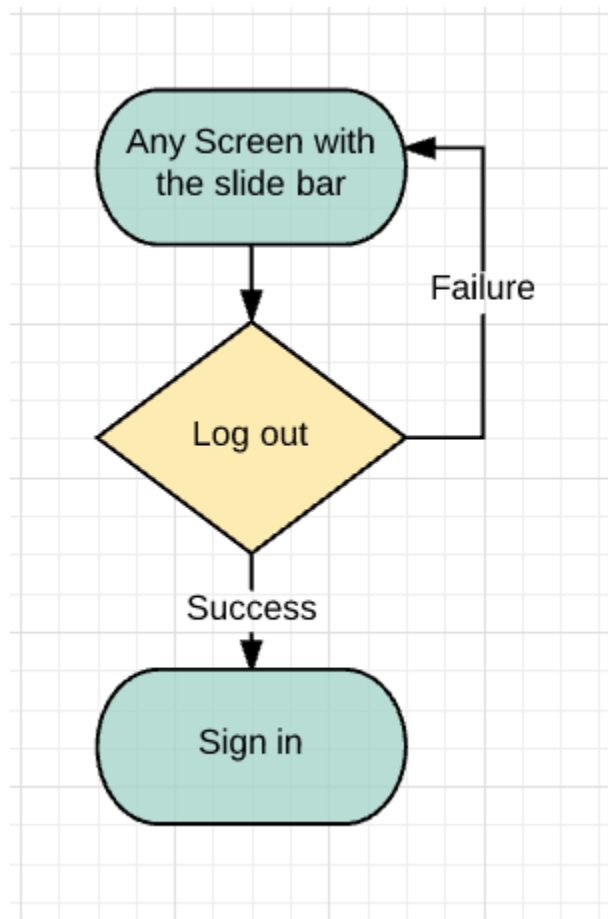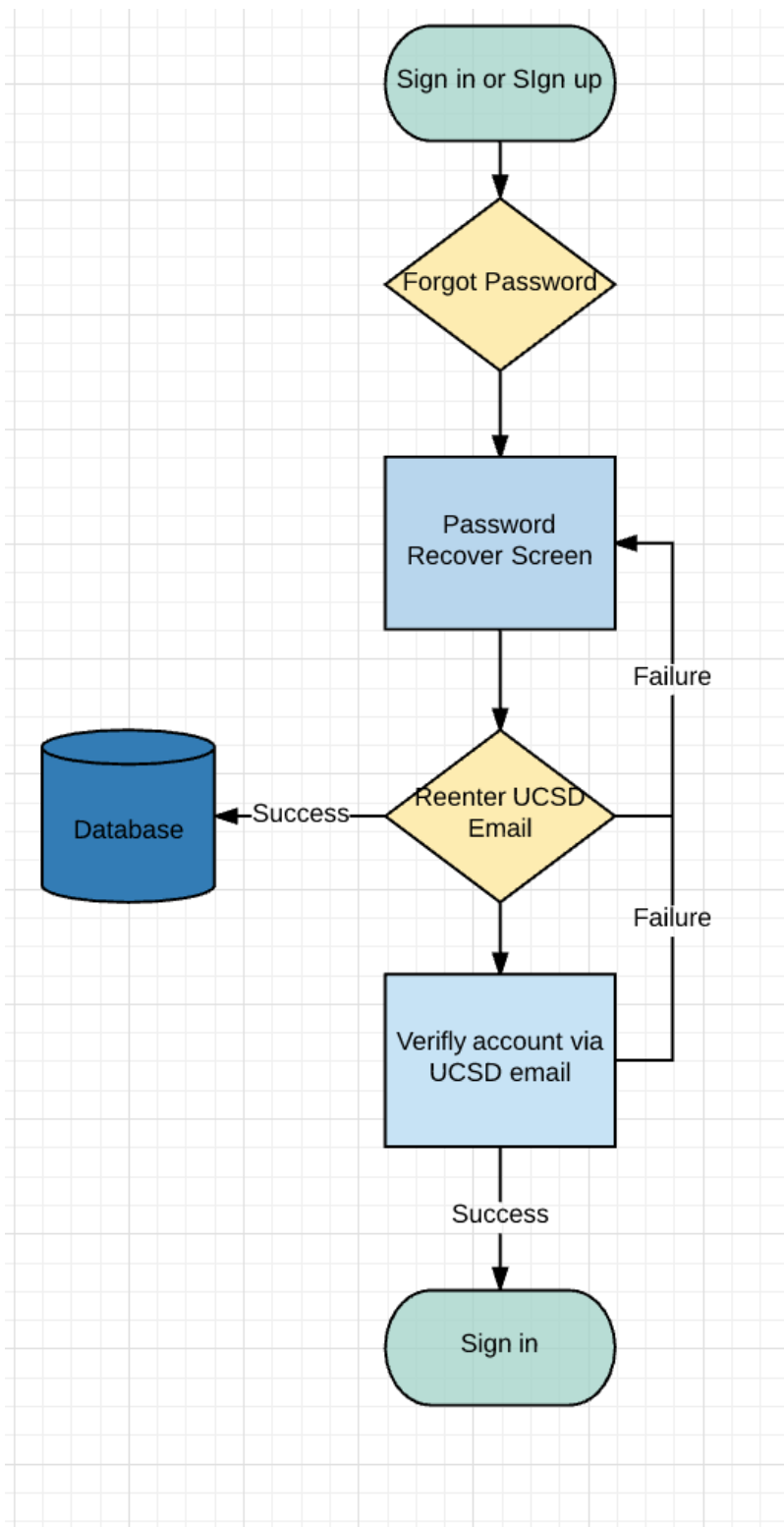
SSD 2.1: Create Personal Profile

After first time log in successful

Create Profile

Add picture and other input as desired

No

Valid inputs

Yes

Database

Home Page
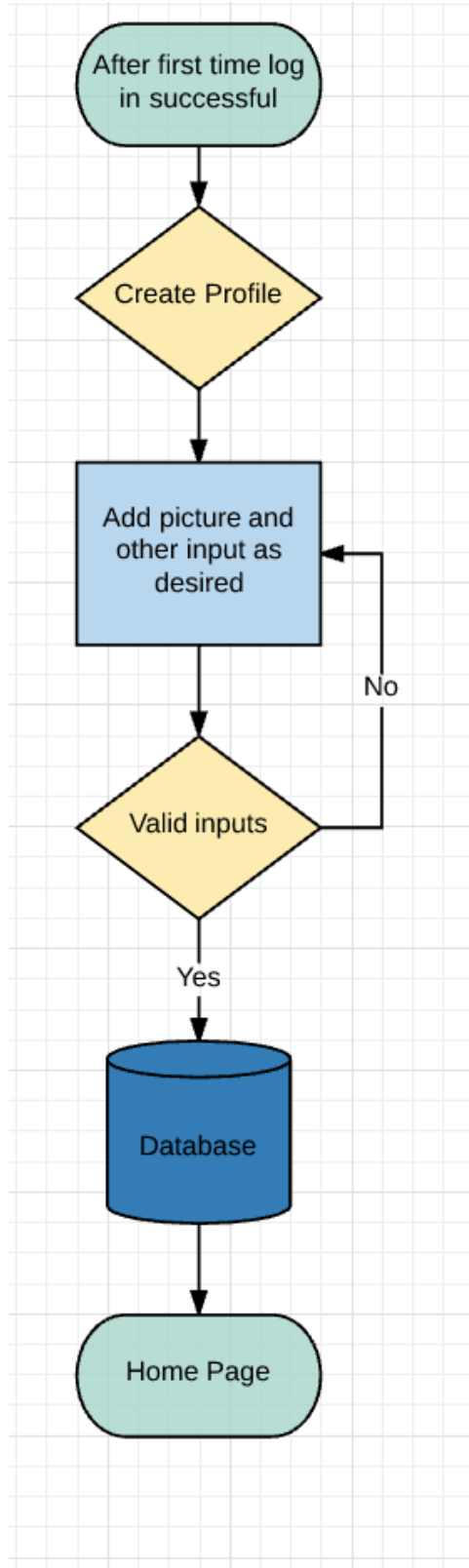
SSD 2.2: Edit Personal Profile

```
        ┌─────────────────┐
        │ Any Screen with │
        │  the slide bar  │
        └────────┬────────┘
                 │
                 ▼
              ◇ Controller ◇
                 │
                 ▼
        ┌─────────────────┐
        │    Slide Bar    │
        └────────┬────────┘
                 │
                 ▼
            ◇ Edit Profile ◇
                 │
                 ▼
        ┌─────────────────┐
        │ Add picture and │◄──────┐
        │ other input as  │       │
        │     desired     │       │ No
        └────────┬────────┘       │
                 │                 │
                 ▼                 │
            ◇ Valid inputs ◇──────┘
                 │
                 │ Yes
                 ▼
            ▭ Database ▭
                 │
                 ▼
        ┌─────────────────┐
        │    Home Page    │
        └─────────────────┘
```
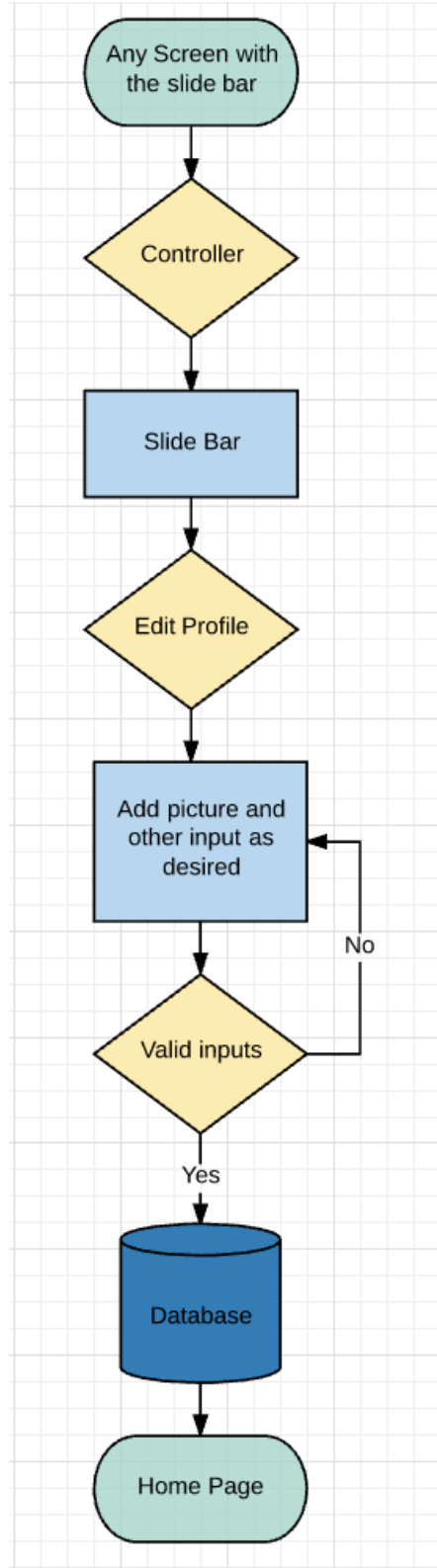
SSD 3.1: Search for Other Users

Home page

Search other users

Search for best matching

Database

List of best matching
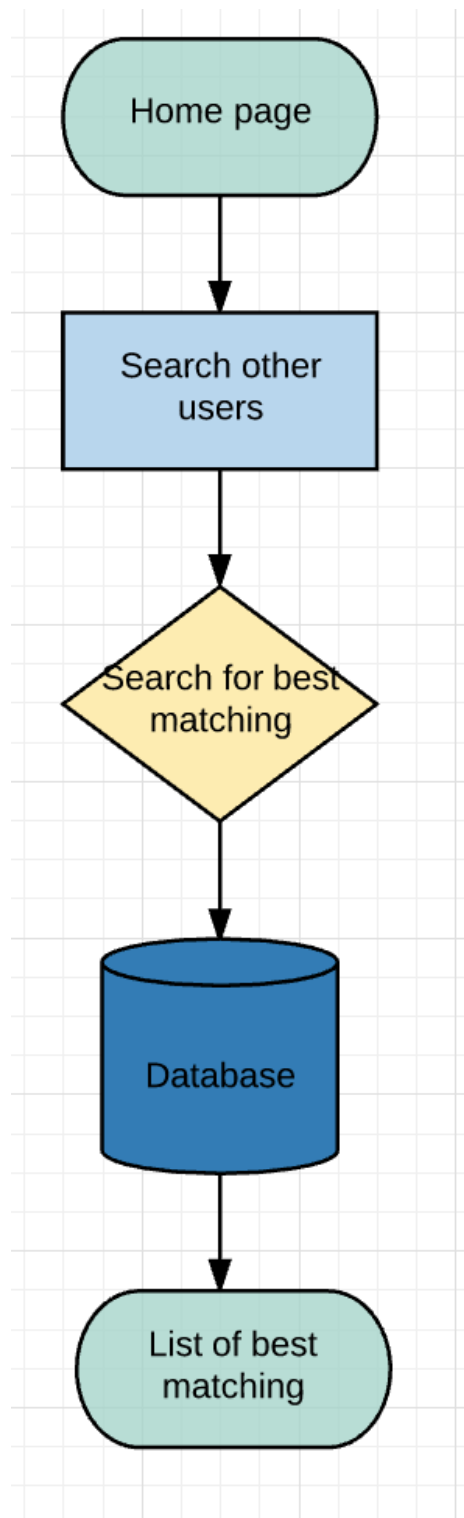
SSD 3.2: Find Random Users
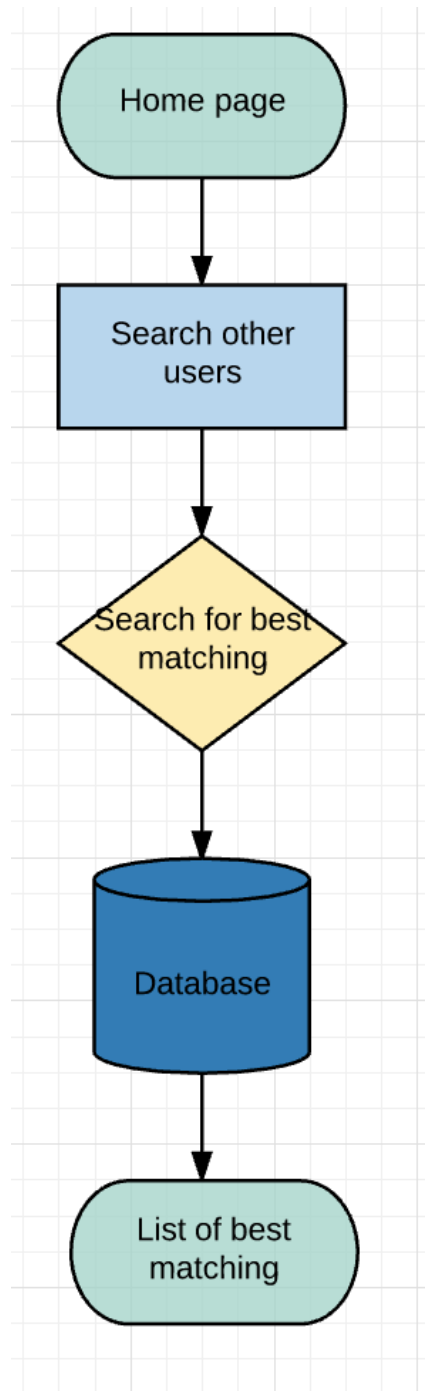
SSD 4.1: Select Matched Users

List of matching
users

Select users
from the list

List of selected
user

SSD 4.2: Send Invitation

List of selected user

Send invitation

Database

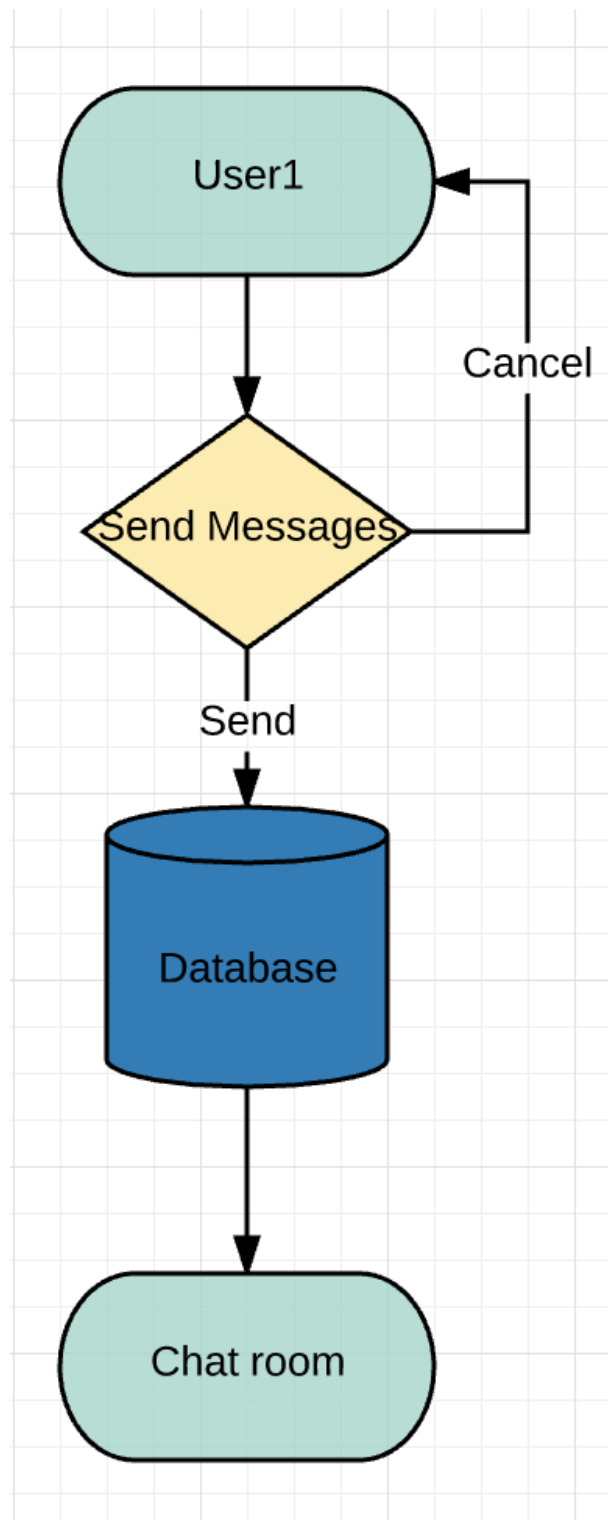Notification "Invitation successfully sent"
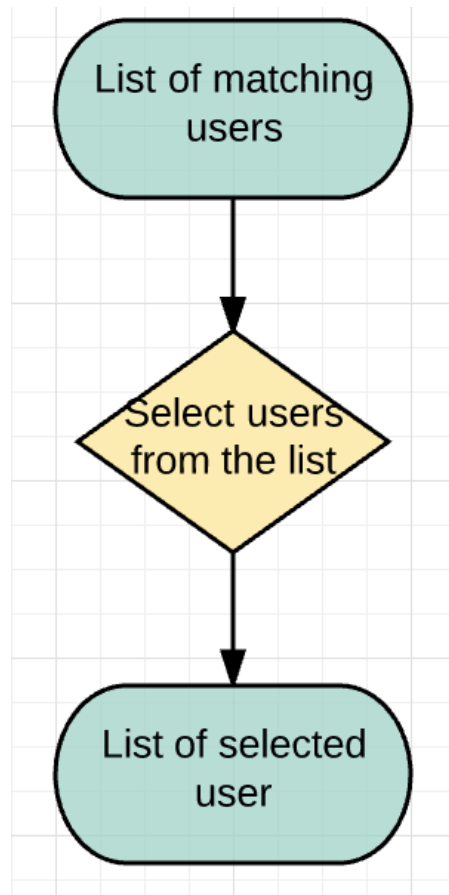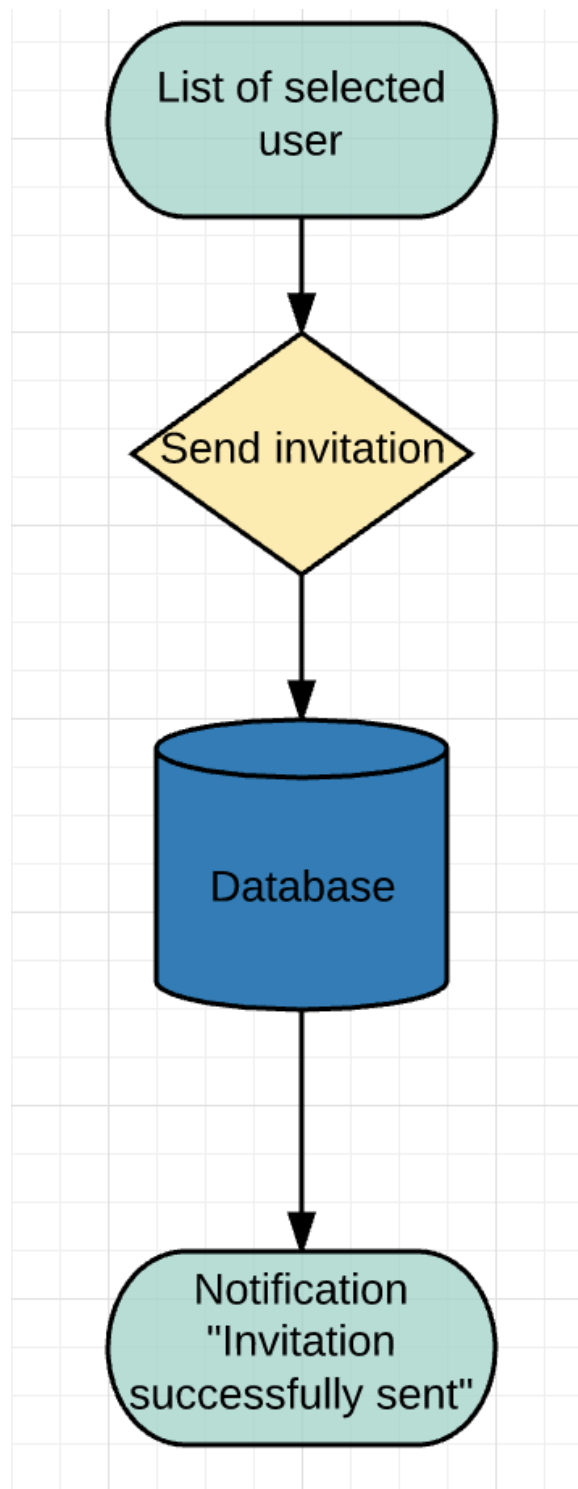
SSD 4.3: Receive Invitation
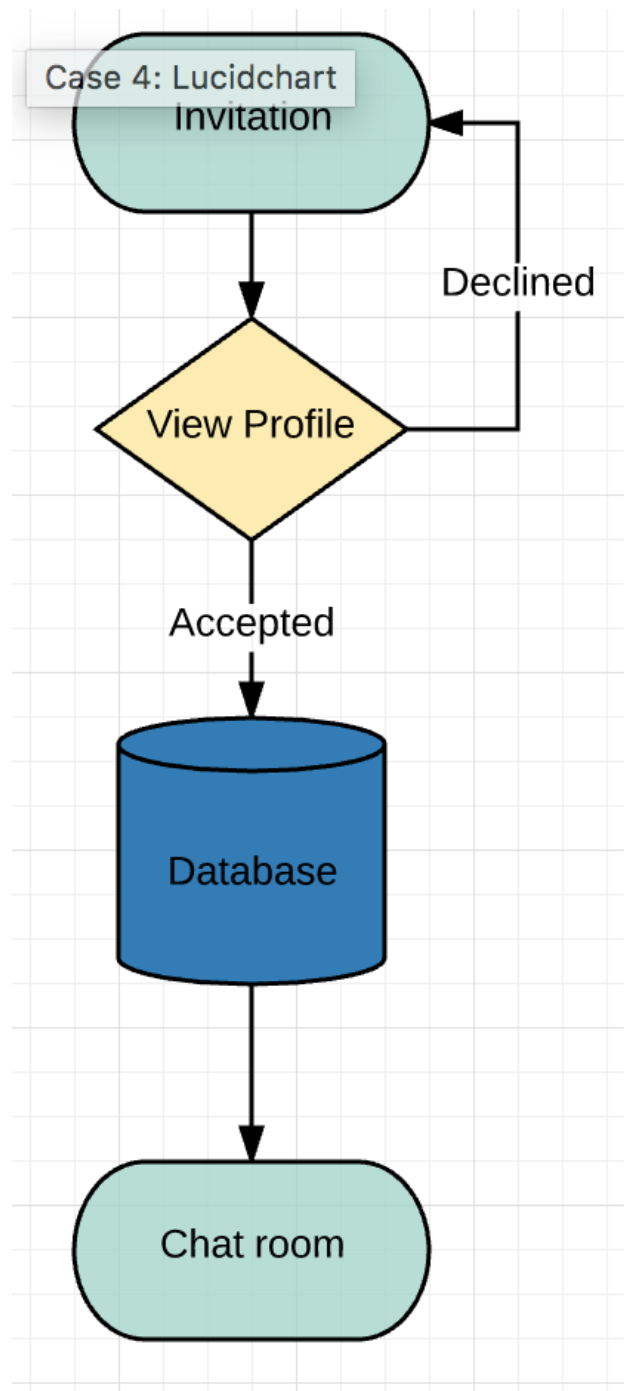
SSD 5.1: Create Chat room
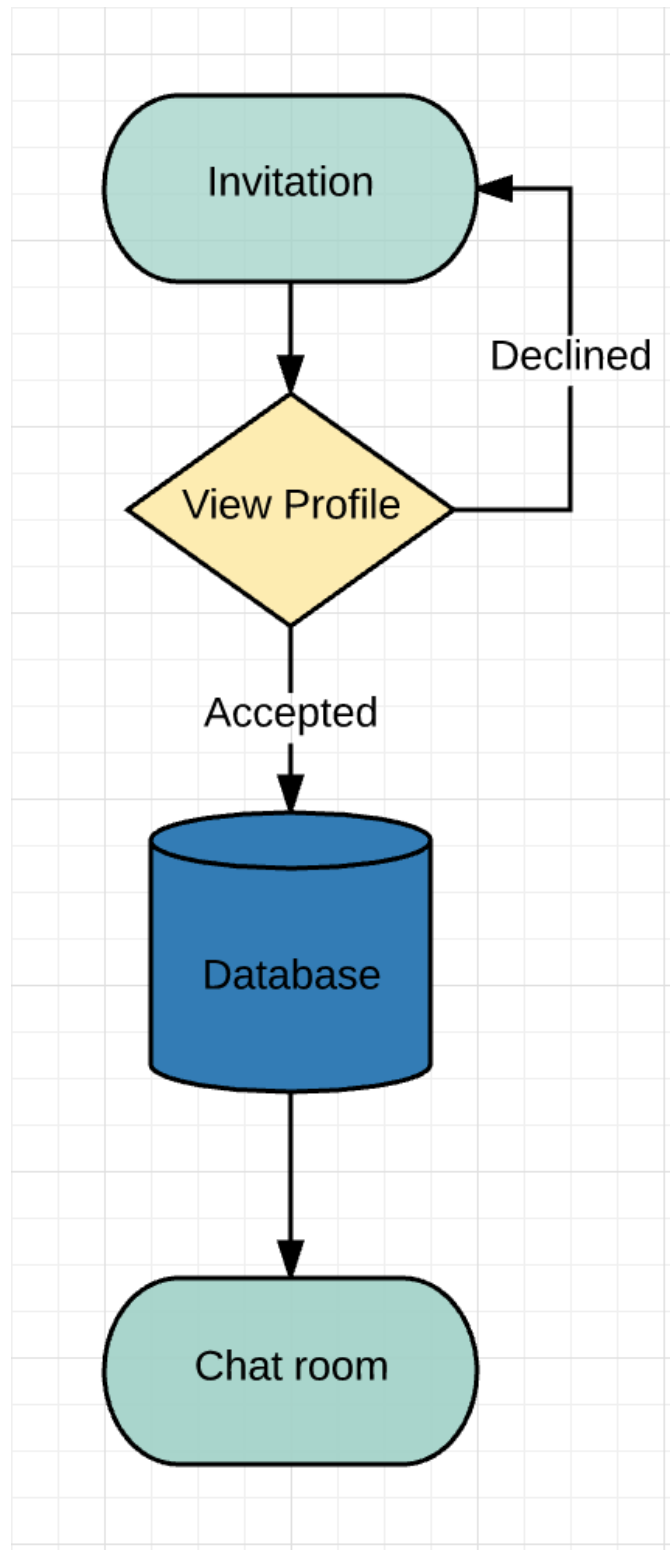
SSD 5.2: Send Messages in the Chat room

```
         ┌──────────────┐
         │    User1     │◄─────────┐
         └──────┬───────┘          │
                │                  │ Cancel
                ▼                  │
          ◇ Send Messages ◇───────┘
                │
                │ Send
                ▼
         ┌──────────────┐
         │   Database   │
         └──────┬───────┘
                │
                ▼
         ┌──────────────┐
         │  Chat room   │
         └──────────────┘
```

SSD 5.3: Set Where and When to meet
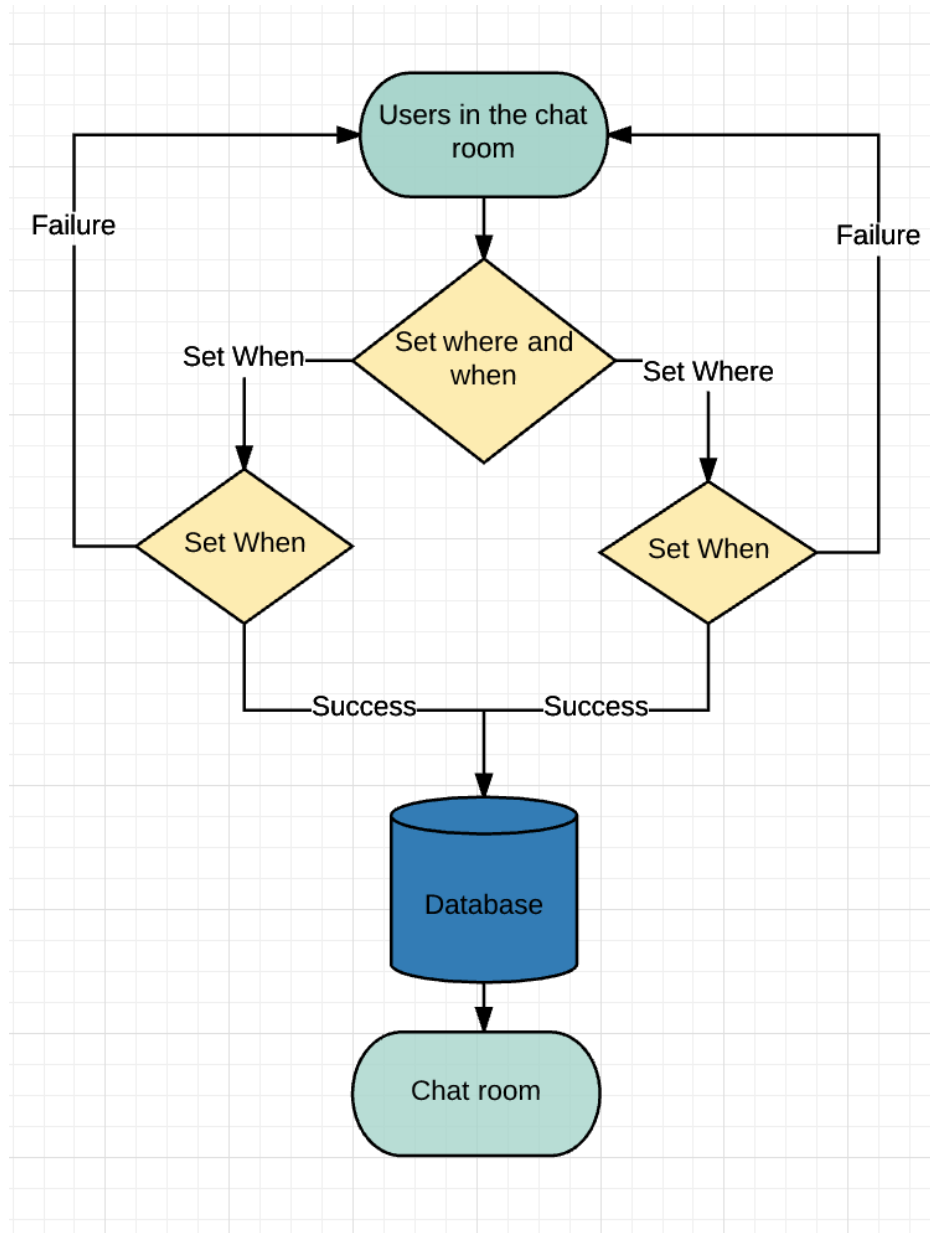
SSD 5.4: Update Where and When to meet

Users in the chat room

Failure

Failure

Edit where and when to meet

Set When

Set Where

Edit When

Edit When

Success

Success

Database
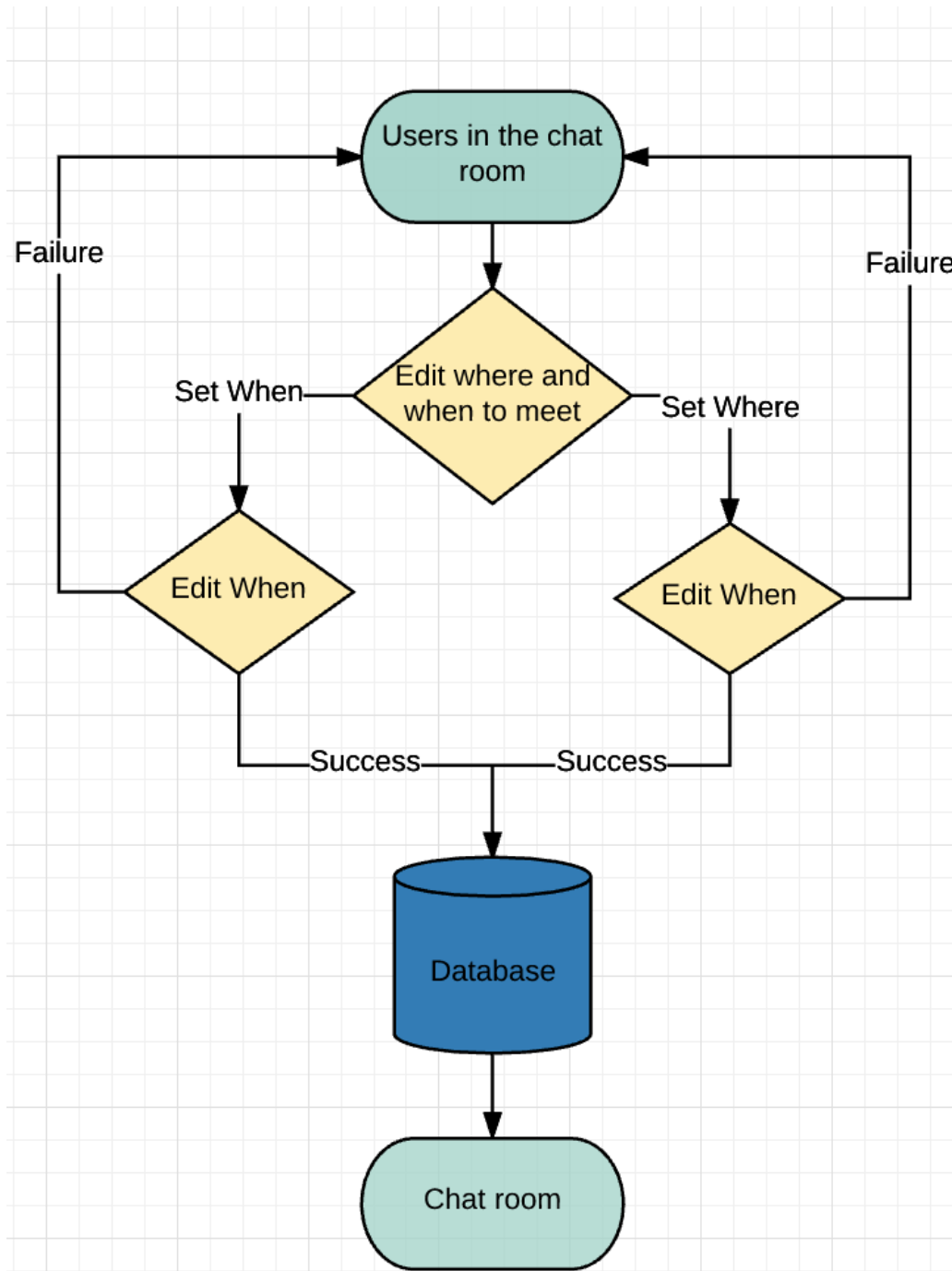
Chat room

SSD 5.5: Quit and delete Chat Room

Users in the chat room

Leave the Chat room

Database

Search Tab
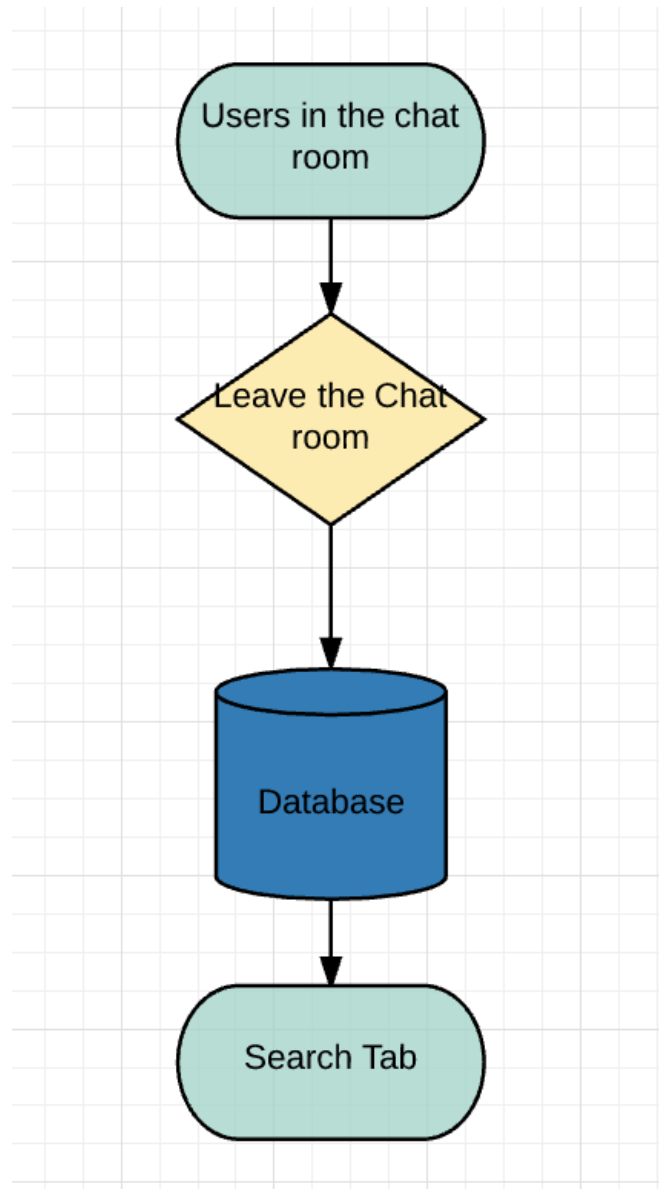
SSD 6.1: History of Everyone Met

User

Get History of all meeting

Database

List of all activities