

# OvO

By Italian Herbs and Cheeses

## Overview

We envision a project that allows users to live video chat and live chat room with registered friends. Users will be able to view friends that currently online and also block people. We will be using WebRTC and sockets in flask to host live video chats and chat rooms. We will be using a SQL database to store information for our registered users such as login info and the user's friends. ooVoo will bite de\_dust.

## Developers

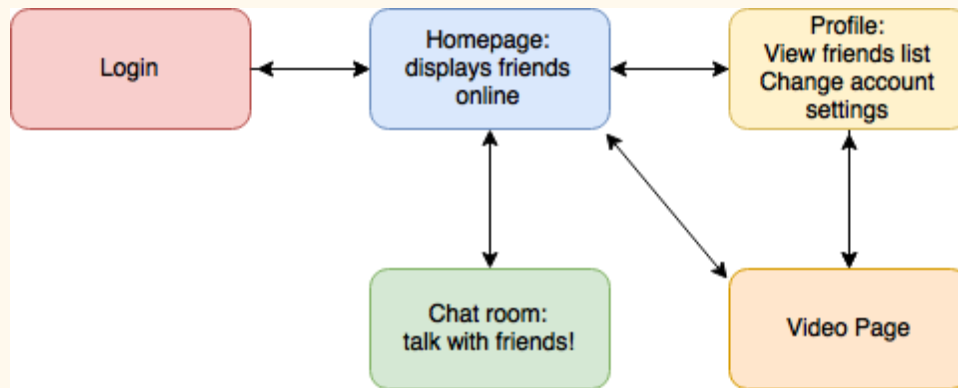
### Italian Herbs:

Janet Zhang  
Lindsey Ma

### Cheeses:

Michael Woosoooo  
Harry Lum

## Site Map



## Components

### ovo/

app.py : Renders templates, calls proper functions/files/etc. at proper times

### **utils/**

*users.py* : In charge of logging in, dealing with users database

### **templates/**

main.html

login.html

profile.html

videopage.html

### **data/**

database.db: login info, profile info

### **static/**

**css/**

**js/**

**images/**

## Database Structure:

The tables in **database.db** are as follows:

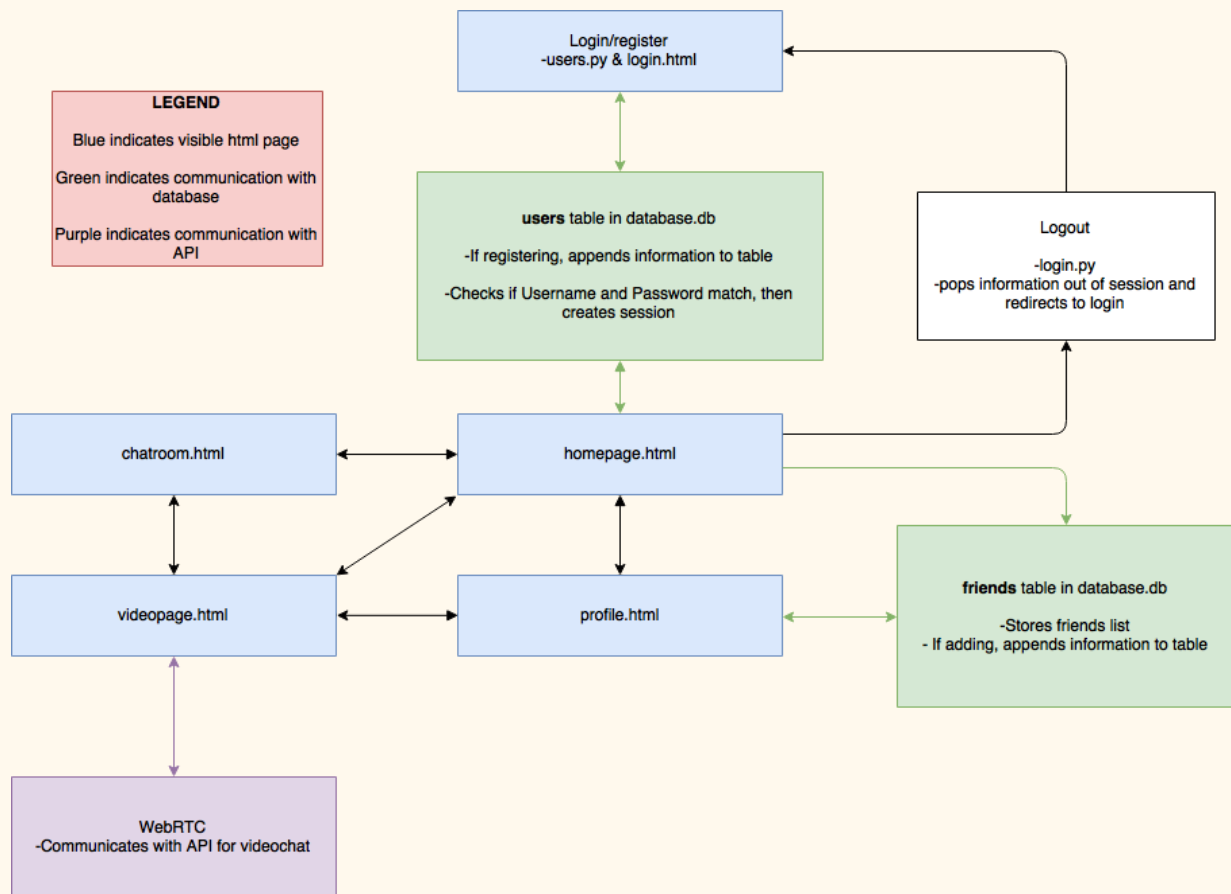
| <b>users</b> (to store login info) |                  |                      |
|------------------------------------|------------------|----------------------|
| <b>username TEXT</b>               | <b>hash TEXT</b> | <b>password TEXT</b> |
| Stores username                    | Stores hash      | Stores password      |

| <b>profiles</b> (to store profile info) |                   |
|---|-------------------|
| <b>username TEXT</b>                    | <b>about TEXT</b> |
| Stores username                         | Stores about      |

| <b>friends</b> (to store friends info) |                    |
|--|--------------------|
| <b>username TEXT</b>                   | <b>friend TEXT</b> |
| Stores username                        | Stores a friend    |

| <b>blocked</b> (to store blocked users) |                       |
|---|-----------------------|
| <b>username TEXT</b>                    | <b>blocked TEXT</b>   |
| Stores username                         | Stores a blocked user |

## Component Map



## Tasks and Time frames

Lindsey

- Templates by May 17th
- Flask by May 19th
- Front-end styling

Janet/Harry

- WebRTC by May 17th
- Sockets by May 19th
- Front-end styling

Michael

- Login by May 17th
- Database by May 19th
- JS for online status
- Front-end styling