



# Selfie

## With Strangers

**Design Specification**

# The Description

- **A platonic meeting app**
  - **Meet new people**
  - **Explore the local area**
- **Match a time and place with a random person**
  - **Answer an ice breaker question together**
  - **Take a selfie**
- **Upload and share your selfies**

# The Application Flow

- **Login**

- Login through Strangers with Selfies ID or Facebook
- Create new user if new
- Load session and move to news feed

- **Newsfeed**

- See a list with the number of selfies in the region
- Can receive new selfie for list
- View profile, see users, search, settings

# The Application Flow

- **User Profile**
  - View selfies of that user
  - Basic info about user
- **Selfie Search**
  - Location of user
  - Can find selfie for:
    - Nearby
    - Future

# The Application Flow

- **Selfie Search**

- Nearby

- Displays location / image of people nearby

- Future

- Possible locations / time displayed
    - Two users agree to one possible time / location
    - Can decline selfie

- Alert for selfie match with another user

# Taking a Selfie

- **Answer question**
  - Ice breaker question for both users
  - Save answer to DB
- **Users meet**
  - Enter unique selfie code
  - Take picture, store in DB
- **Pick picture**
  - Match picture that both users like
  - Post picture to newsfeed
  - Icebreaker answer is an optional caption

# Settings

- **Update user preferences**
  - Security information
- **Newsfeed settings such as picture sharing options**

# The External Libraries

- **Python:**
  - Scikit-Learn/Scipy/Numpy
    - Use for possible statistical models
  - Flask
    - Web server



# The API's

- **Login**
  - Facebook Javascript SDK
    - Easy login
  - oauthlib 0.7.2
    - Selfie with Strangers login
- **Search for Selfies**
  - Urllib (Python)
    - Geolocation of user
  - UUID
    - Unique ID's for users and selfie sessions

# The API's

- **Taking a selfie**
  - Access to camera
    - Say Cheese! (Javascript)
  - Picture upload
    - Flask file upload API
- **Post a selfie**
  - Facebook Javascript SDK
    - Make post API
  - Python for Facebook

# The Database Schema

- **Tables**

- Users

- UID, password, etc

- Questions

- Store questions, responses, and selfie ID

- Locations

- Latitude, longitude, name of locations

- Selfies

- UID, date created, etc

**THANK YOU**



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