# Signup

POST /api/profile/signup

Request: {

'email': str, 'password': str,

'phone': str [opt]

}

Response: 201: {'profile\_id': profile.id}, 4xx: {'error': {'message': str}}

# Login

POST /api/auth

Request: {'email': str, 'password': str}

Response: 200: {'access\_token': str, 'profile': int}, 4xx: {'error': {'message': str}}

Comments: ‘access\_token’ is JWT token. Use it in request header:

"Authorization: JWT <access\_token>"

# Delete profile

DELETE /api/profile/<int:profile\_id>

jwt required

Request: {}

Response: 204, 4xx: {'error': {'message': str}}

# Update profile

PUT /api/profile/<int:profile\_id>

jwt required

Request: {'name': str, 'breed': str, 'sex': str, 'age': str, 'location': str}, any field is optional

Response: 204, 4xx: {'error': {'message': str}}

# Fetch profile data

GET /api/profile/<int:profile\_id>

Response: 200: {'phone': str }, any field is optional, 4xx: {'error': {'message': str}}

# Create Friend record

POST /api/profile/<int:profile\_id>/friends/new

jwt required

Request: {

'name': str, 'breed': str, 'sex': str, 'age': str, 'location': str

}

Response: 201: {'friend\_id': friends.id}, 4xx: {'error': {'message': str}}

# Fetch Friends list

GET /api/profile/<int:profile\_id>/friends

jwt required

Response: 200: [{'friend\_id':int}, …], 4xx: {'error': {'message': str}}

# Fetch Friend data

GET /api/friend/<int:friend\_id>

Response: 200: {'name': str, 'breed': str, 'sex': str, 'age': str, 'location': str}, any field is optional, 4xx: {'error': {'message': str}}

# Delete friend record

DELETE /api/friend/<int:friend\_id>

jwt required

Request: {}

Response: 204, 4xx: {'error': {'message': str}}

# Upload photo

PUT /api/profile/<int:profile\_id>/photo

jwt required

Request: {'image': {'data': str, 'type': str}}

'data': base64 encoded image body, 'type': content-type value

Response: 204, 4xx: {'error': {'message': str}}

# Download photo

GET /api/profile/<int:profile\_id>/photo

Response: 200: {'image': {'data': str, 'type': str}}, 4xx: {'error': {'message': str}}

# Match photo

POST /api/query\_match

Request: {'image': {'data': str, 'type': str}}

Response:

200: {'status': 'not found'},

200: {'status': 'found', 'profile': int, 'percent': int},

4xx: {'error': {'message': str}}