

## **A4 API**

### **GET http://127.0.0.1:3000/api/users**

- Get a list of users in JSON format

### **GET http://127.0.0.1:3000/api/users/:user\_id**

- Get a particular user with the specified user\_id in JSON format
- The id is the registration email
- 404 if user not found

### **GET http://127.0.0.1:3000/api/users/:user\_id/behaviors**

- Get all behaviors of a particular user with the specified user\_id in JSON format
- The id is the email used for registration
- 404 if user not found

### **POST http://127.0.0.1:3000/api/users**

- Create a new user and return the new user in JSON format
- User email and password are transmitted through HTTP request body as key-value pairs in x-www-form-urlencoded format. The keys are *email* and *password*
- 409 if an user with the same email already exists

### **POST http://127.0.0.1:3000/api/users/:user\_id/behaviors**

- Create a behavior for a particular user with user\_id
- Returns the user with the newly inserted behavior in JSON format
- The id is the email used for registration
- Behavior details are transmitted through HTTP request body as key-value pairs in x-www-form-urlencoded format. The keys are *date*, *ip*, *device\_height*, and *device\_width*
- 404 if user not found

### **PUT http://127.0.0.1:3000/api/users/:user\_id**

- Update the user with user\_id
- Returns the updated user in JSON format
- The id is the email used for registration
- Update details are transmitted through HTTP request body as key-value pairs in x-www-form-urlencoded format. The keys are *description*, *password*, *display\_name*, *profile\_pic*, and *type*
- 404 if user not found

### **DELETE http://127.0.0.1:3000/api/users/:user\_id**

- Delete a user with the specified user\_id
- The id is the email used for registration
- 404 if user not found