**API Documentation**

**Endpoints for user**

* ‘/’
  + Purpose: the login and create account page of Extra-Plate
  + method: GET
  + body: None
  + response: index.html, index.css, index.js if valid ID token not found
  + <home.html, home.css and home.js> if there exists a valid ID token in the cookies of the client
* ‘/home’
  + Purpose: the main page
  + method: GET
  + body: None
  + response: <home.html, home.css and home.js> if there exists a valid ID token in the cookies of the client
    - redirect to ‘/’ if valid ID token not found
* ‘/verify’ [ not included in this version ]
  + Purpose: to verify the id token sent with firebase and send a cookie containing the user id. Also used for refreshing the cookie when the id token is refreshed
  + method: POST
  + headers: { ‘Authorization’: 'Bearer <id\_token>'} and/or cookie
  + body: None
  + response: cookie containing the id token if verified and redirect to ‘/home’
    - redirect to ‘/’ if it is not valid or error occurred
* ‘/create’
  + Purpose: creates a new user with the provided location address, email and password
  + method: POST
  + headers: { 'Content-Type': 'application/json'}
  + body: {‘email’: ’<the email here>’ , ’password’: ’<the password here>‘, ‘longitude’: ’<longitude here>’ , ’latitude’: ’<latitude here>’}
  + response: {‘msg’: ’success’} and cookie with the ID token [if successful]

-{‘msg’: ‘Email already exists’} if there is an account with that email

- {‘msg’: ‘Check your inputs and try again’} for other issues

* ‘/login’
  + Purpose: gives access to the home page if correct credentials are provided and sets cookie with ID token in the client side
  + method: POST
  + headers: { 'Content-Type': 'application/json'}
  + body: {‘email’:<the email here>,’password’:<the password here>}
  + response: {‘msg’: ’success’} and cookie with the ID token [if successful]

-{‘msg’: ‘wrong email or password’} if the email and pass don’t match or account not found

-{‘msg’: ‘Check your inputs and try again’} for other issues

* ‘logout’
  + Purpose: logging out of an account
  + method: POST
  + headers: { cookies}
  + body: None
  + response: empty the cooky and redirect to ‘/’ [if successful]

-{‘msg’: ‘Try again’} if an error occurred for some reason

* ‘setlocation’
  + Purpose: sets the location of the user in the database
  + method: POST
  + headers: { 'Content-Type': 'application/json'} and cookie
  + body: {‘longitude:<longitude here>,’latitude’:<latitude here>}
  + response: {‘msg’: ’success’} [if successful]

-{‘msg’: ‘error’} if error occurred

* ‘extraplate’
  + Purpose: retrieves the location of the user and stores it in the delivery database
  + method: POST
  + headers: { cookie }
  + body: None
  + response: {‘msg’:’success’} [if successful]

-{‘msg’: ‘error’} if error occurred