

# Backend Documentation

Filename: app.py

Functions -

1. signup()  
Route: /signup  
Method: POST

There are 5 parameters in the JSON sent to this API - first name (**firstName**), last name (**lastName**), email (**email**), contact (**contact**) and password (**password**).

Response -

- a. If there already exists a row in the users table with the same email address, the message returned is "An account with this email already exists".
- b. If there already exists a row in the users table with the same contact information, the message returned is "An account with this contact already exists".
- c. In the case when neither of the above two hold, a new row is created in the users table with the information from the JSON and the message returned is "Added successfully".

2. login()  
Route: /login  
Method: POST

There are 2 parameters in the JSON sent to this API - email (**email**) and password (**password**).

Response -

- a. If the email does not exist in the users table, the message returned is "Please create an account!".
- b. If the email exists, but the password entered is wrong, the message returned is "Invalid credentials!".
- c. If the email and password pair is correct, the message returned is "Logged in successfully".

3. create\_bid()
4. create\_product()
5. get\_all\_products()
- 6.

