

# CryptoShop Backend Docs

## Create a new user

### **POST /signUp**

Register a new User in the database

**Parameters:** User java class.

Includes: Integer id, String name, String email, String username, String hashed\_pass

### **Response:**

- 200ok if the user was added successfully to the database.
- 400 if something went wrong (username already in use, email invalid, etc)

## User login

### **POST /login**

Login into the app.

**Parameters:** Login Data Transfer Object

Includes: String email or String username and String hashed\_pass

### **Response:**

- 200ok if the user credentials exist and are correct
- 400 if something went wrong (invalid email, passwords not matching, etc...)

## Add a new product

### **POST /addProduct**

Associate a new product to a user

**Parameters:** Product java class.

Includes: String name,String description, Double price, String p\_condition, String mainTag, Integer buyerId.

### **Response:**

- 200ok if the product was added successfully to the database.
- 400 if something went wrong

## Find a specific product

### **POST /findProductBySearch:**

Get a product that matches title or description

**Parameters:** String

### **Response:**

- 200ok if there is one or more products that contain that string in their description or product title.
- 400 if there are no products with the given description.