

# M. Sc. Computer Science

## E-commerce

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**GITHUB:** <https://github.com/RichardKullu/sneakShop>

A website for buying sneakers.

### Features :

- Login/Register
- Filtering products with types
- Sorting according to criteria
- Previous Order's info
- Billing
- Record of previous transactions
- Recommendations

### API:

**POST:** /buyer/register

REQUEST: (name, email, password)

RESPONSE: (JSON data of the user details, JWT token)

**GET:** /buyer/me

REQUEST: (JWT token)

RESPONSE: (JSON data of the user details excluding password)

**POST:** /buyer/login

REQUEST: (email, password)

RESPONSE: (JSON data of the user details, JWT token)

**POST:** /buyer/logout

REQUEST: (JWT token)

RESPONSE: (true/false)

**POST:** /buyer/buy/:id

REQUEST: (JWT token)

RESPONSE: (true/false)

## **DATABASE SCHEMA:**

### **PRODUCT:**

prod\_id:(int)

item\_name:(string)

desc:(string)

category:(string)

price:(int)

owner:(string)

### **SELLER:**

seller\_id:(int)

name:(string)

email:(string)

pass:(string)

address:(string)

tokens:(JWT token)

### **BUYER:**

buyer\_id:(int)

name:(string)

email:(string)  
pass:(string) [ encrypted ]  
address:(string)  
tokens:(JWT token)

**TRANSACTION:**

trsn\_id: (int)  
buyer\_id: (int)  
seller\_id: (int)  
trsn\_time: (date)  
trsn\_type: (string)  
trsn\_amt: (int)