

Public

Run in Postman

No environment

Double Column

HTTP - HTTP



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CPSC 471 - REZELLERS

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CPSC 471 - ReZellers

Introduction

The ReZellers API performs all HTTP requests to receive and send data between the user interface and database.

Authentication

The requests should only be sent from the ReZellers user interface. Testing and documentation was completed by sending requests through Postman for developers, but users only have access to the database through the user interface.

Error Codes

404 Not Found - Typically the response code for a query which has parameters not

found in the database. This should only be due to incorrect login credentials. Appropriate alerts are displayed to the user to ensure they are aware of their invalid credentials.

GET API Root

```
http://127.0.0.1:8000/
```

The root lists all API endpoints. All different tables included in the database are listed below.

Example Request

API R

```
GET / HTTP/1.1
Host: 127.0.0.1:8000
```

GET Sellers

```
http://127.0.0.1:8000/api/sellers/
```

Sellers are the users of the system. These entries track the the user information, such first and last name. Email and password can also be accessed through this endpoint for login validation. Each seller/user has a unique, identifying ID number.

Example Request

Sellers

```
GET /api/sellers/ HTTP/1.1
Host: 127.0.0.1:8000
```

GET Buyers

Example Request

Buyers

```
http://127.0.0.1:8000/api/buyers/
```

```
GET /api/buyers/ HTTP/1.1
Host: 127.0.0.1:8000
```

Buyers belong to sellers or users of the system. All entries have their own unique, identifying ID number along with the corresponding seller's ID number who wishes to store their information.

GET Electronics

Example Request

Elect

```
http://127.0.0.1:8000/api/electronics/
```

```
GET /api/electronics/ HTTP/1.1
Host: 127.0.0.1:8000
```

Electronics are a specific kind of item. Items found in the Items endpoint with the category "Electronic" will also be found in this endpoint.

GET Shoes

Example Request

Shoes

```
http://127.0.0.1:8000/api/shoes/
```

```
GET /api/shoes/ HTTP/1.1
Host: 127.0.0.1:8000
```

Cards are a specific kind of item. These include an attribute "size" which does not apply to all other types of items.

GET Cards

Example Request

Cards

```
http://127.0.0.1:8000/api/cards/
```

```
GET /api/cards/ HTTP/1.1
Host: 127.0.0.1:8000
```

Shoes are a specific kind of item. These include an attribute "year" which does not apply to all other types of items.

GET Sales

Example Request

Sales

```
http://127.0.0.1:8000/api/sales/
```

```
GET /api/sales/ HTTP/1.1
Host: 127.0.0.1:8000
```

Sales stores all sales documented by the user. This includes, the seller, buyer, and item involved in the sale. Each sale has a unique, identifying ID number.

GET Expenses

```
http://127.0.0.1:8000/api/buyers/
```

Expenses include total cost of the users related to a specific item. This may include price which the item was originally purchased for and shipping fees to deliver the item to the buyer.

Example Request

Expe

```
GET /api/buyers/ HTTP/1.1
Host: 127.0.0.1:8000
```