Endpoint: **http://localhost:1000/users/**

|  |  |  |
| --- | --- | --- |
| Description | Method + Path | Request / Response |
| Get all users from DB. | GET  / | **Request**:  **Response**: [  {  "f\_name": "Peter",  "l\_name": "Pervy",  "email": "one@gmail.com",  "password": "$2a$10$ZlfH2VyNU7uA9iWSLjZ4ZeS5D  6KhW3KYtrNFR6RMwqcdPTVeJkMi.",  "user\_id": 111,  "city": "Petah Tikva",  "street": "bla",  "isAdmin": 0  },  {  "f\_name": "admin",  "l\_name": "admin",  "email": "admin@gmail.com",  "password": "$2a$10$Df6/T9kJVVBKTBkd4ZIMMOqbfJP/PG  QcP6njcQJl5Nlb6nHEKJErO",  "user\_id": 123456789,  "city": "Tel Aviv - Jaffo",  "street": "dizengoff",  "isAdmin": 1  }] |
| Get user by user’s ID. | GET  /:id | **Request**: 111  **Response**: [  {  "f\_name": "Peter",  "l\_name": "Pervy",  "email": "one@gmail.com",  "password": "$2a$10$ZlfH2VyNU7uA9iWSLjZ4ZeS5D6KhW3KYtrNFR6RMwqcdPTVeJkMi.",  "user\_id": 111,  "city": "Petah Tikva",  "street": "bla",  "isAdmin": 0  }  ] |
| Registration of a new user. | POST  /register | **Request**: {  "f\_name": "Peter",  "l\_name": "Pervy",  "email": "one@gmail.com",  "password": "1234",  "user\_id": 111,  "city": "Petah Tikva",  "street": "bla",  "isAdmin": 0  }  **Response**: {  "fieldCount": 0,  "affectedRows": 1,  "insertId": 0,  "serverStatus": 2,  "warningCount": 0,  "message": "",  "protocol41": true,  "changedRows": 0  } |
| Login for existing user. | POST  /login | **Request**: {  "email": "nullik@gmail.com",  "password": "1234"  }  **Response**: {  "token": "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJlbWFpb  CI6Im51bGxpa0BnbWFpbC5jb20iLCJpc0FkbWluIjow  LCJpYXQiOjE1ODg2MjQ1Mjl9.owyqDUYFOLOl  q5S5ULWLiDpCs0oc7LJ7fO8TJ6fqM4g",  "f\_name": "rtferfergdrtg",  "user\_id": 545657,  "isAdmin": 0,  "city": "Jerusalem",  "street": "streeet"  } |

Endpoint: **http://localhost:1000/products/**

|  |  |  |
| --- | --- | --- |
| Description | Method + Path | Request / Response |
| Get all items for login page. | GET  /items | **Request**:  **Response**: [  {  "id": 122,  "name": "Smart LED Bulb Mi LED Smart Bulb",  "category\_id": 5,  "price": 99,  "img\_url": "http://localhost:1000/upload/32.jpg"  },  {  "id": 123,  "name": "Smart Air Purifier Mi Air Purifier 3H",  "category\_id": 5,  "price": 719,  "img\_url": "http://localhost:1000/upload/33.jpg"  }  ] |
| Get items by category. | GET  /category/:category\_id | **Request**: 1  **Response**: [  {  "id": 91,  "name": "Robust Vacuum Cleaner VIOMI V2",  "category\_id": 1,  "price": 1599,  "img\_url": "http://localhost:1000/upload/1.jpg"  },  {  "id": 92,  "name": "Rechargeable Wireless Vacuum Cleaner Mi",  "category\_id": 1,  "price": 999,  "img\_url": "http://localhost:1000/upload/2.jpg"  }  ] |
| Create a new item. | POST  /item | **Request**: {  "name": "test",  "category\_id": 4,  "price": 1599,  "img\_url": "http://localhost:1000/upload/100.jpg"  }  **Response**: {  "fieldCount": 0,  "affectedRows": 1,  "insertId": 138,  "serverStatus": 2,  "warningCount": 0,  "message": "",  "protocol41": true,  "changedRows": 0  } |
| Update an existing item. | PUT  /item | **Request**: {  "id": 138,  "name": "test",  "category\_id": 4,  "price": 1000000,  "img\_url": "http://localhost:1000/upload/100.jpg"  }  **Response**: {  "fieldCount": 0,  "affectedRows": 1,  "insertId": 0,  "serverStatus": 2,  "warningCount": 0,  "message": "(Rows matched: 1 Changed: 1 Warnings: 0",  "protocol41": true,  "changedRows": 1  } |

Endpoint: **http://localhost:1000/orders/**

|  |  |  |
| --- | --- | --- |
| Description | Method + Path | Request / Response |
| Get all orders for login page. | GET  / | **Request**:  **Response**: [  {  "id": 1,  "user\_id": 123456789,  "cart\_id": 1,  "city": "Tel Aviv - Jaffo",  "street": "dizengoff",  "price\_total": 1797,  "date\_delivery": "2020-05-25T21:00:00.000Z",  "date\_ordered": "2020-05-02T21:00:00.000Z",  "credit\_card": "0004"  },  {  "id": 2,  "user\_id": 123456789,  "cart\_id": 1,  "city": "Tel Aviv - Jaffo",  "street": "dizengoff",  "price\_total": 5495,  "date\_delivery": "2020-05-18T21:00:00.000Z",  "date\_ordered": "2020-05-03T21:00:00.000Z",  "credit\_card": "0004"  }  ] |
| Get orders by user’s ID. | GET  /:user\_id | **Request**: 1  **Response**: [  {  "id": 1,  "user\_id": 123456789,  "cart\_id": 1,  "city": "Tel Aviv - Jaffo",  "street": "dizengoff",  "price\_total": 1797,  "date\_delivery": "2020-05-25T21:00:00.000Z",  "date\_ordered": "2020-05-02T21:00:00.000Z",  "credit\_card": "0004"  },  {  "id": 25,  "user\_id": 123456789,  "cart\_id": 1,  "city": "Tel Aviv - Jaffo",  "street": "dizengoff",  "price\_total": 4995,  "date\_delivery": "2020-05-29T21:00:00.000Z",  "date\_ordered": "2020-05-03T21:00:00.000Z",  "credit\_card": "0004"  }  ] |
| Check date for delivery. | GET  /date/:dd | **Request**: 2020-05-04  **Response**: [  {  "id": 13,  "user\_id": 123456789,  "cart\_id": 1,  "city": "Tel Aviv - Jaffo",  "street": "dizengoff",  "price\_total": 2490,  "date\_delivery": "2020-05-03T21:00:00.000Z",  "date\_ordered": "2020-05-03T21:00:00.000Z",  "credit\_card": "0004"  },  {  "id": 14,  "user\_id": 123456789,  "cart\_id": 1,  "city": "Tel Aviv - Jaffo",  "street": "dizengoff",  "price\_total": 8097,  "date\_delivery": "2020-05-03T21:00:00.000Z",  "date\_ordered": "2020-05-03T21:00:00.000Z",  "credit\_card": "0004"  },  {  "id": 16,  "user\_id": 123456789,  "cart\_id": 1,  "city": "Tel Aviv - Jaffo",  "street": "dizengoff",  "price\_total": 999,  "date\_delivery": "2020-05-03T21:00:00.000Z",  "date\_ordered": "2020-05-03T21:00:00.000Z",  "credit\_card": "0004"  }  ] |
| Save order to DB. | POST  / | **Request**: {  "user\_id": 123456789,  "cart\_id": 1,  "city": "Tel Aviv - Jaffo",  "street": "dizengoff",  "price\_total": 999,  "date\_delivery": "2020-05-03T21:00:00.000Z",  "date\_ordered": "2020-05-03T21:00:00.000Z",  "credit\_card": "0004"  }  **Response**: OK |

Endpoint: **http://localhost:1000/carts/**

|  |  |  |
| --- | --- | --- |
| Description | Method + Path | Request / Response |
| Get all carts. | GET  / | **Request**:  **Response**: [  {  "id": 1,  "user\_id": 123456789,  "date\_created": "2020-03-13T13:22:30.000Z"  },  {  "id": 2,  "user\_id": 111,  "date\_created": "2020-03-13T13:39:45.000Z"  },  {  "id": 3,  "user\_id": 12,  "date\_created": "2020-05-04T05:36:43.000Z"  }  ] |
| Get cart by user’s ID. | GET  /:user\_id | **Request**: 123456789  **Response**: [  {  "id": 1,  "user\_id": 123456789,  "date\_created": "2020-03-13T13:22:30.000Z"  }  ] |
| Get cart details. | GET  /cart/:cart\_id | **Request**: 2  **Response**: [  {  "id": 103,  "item\_id": 103,  "cart\_id": 2,  "quantity": 1,  "price\_unit": 2490,  "price\_all": 2490,  "name": "Mi Note 10 6GB + 128GB",  "category\_id": 3,  "price": 2490,  "img\_url": "http://localhost:1000/upload/13.jpg"  },  {  "id": 107,  "item\_id": 107,  "cart\_id": 2,  "quantity": 3,  "price\_unit": 599,  "price\_all": 1797,  "name": "REDMI 8 3GB + 32GB",  "category\_id": 3,  "price": 599,  "img\_url": "http://localhost:1000/upload/17.jpg"  }  ] |
| Create a new cart.  “user\_id” should exist in table “users”. | POST  / | **Request**: {  "user\_id": 111  }  **Response**: {  "fieldCount": 0,  "affectedRows": 1,  "insertId": 19,  "serverStatus": 2,  "warningCount": 0,  "message": "",  "protocol41": true,  "changedRows": 0  } |
| Add item to cart. | POST  /cart | **Request**: {  "item\_id": 107,  "cart\_id": 2,  "quantity": 3,  "price\_unit": 599,  "price\_all": 1797  }  **Response**: Created |
| Update items in cart. | PUT  /item/update | **Request**: {  "item\_id": 107,  "cart\_id": 2,  "quantity": 3,  "price\_all": 1797  }  **Response**: {  "fieldCount": 0,  "affectedRows": 1,  "insertId": 0,  "serverStatus": 2,  "warningCount": 0,  "message": "(Rows matched: 1 Changed: 1 Warnings: 0",  "protocol41": true,  "changedRows": 1  } |
| Delete one item from cart | PUT  /item | **Request**: {  "item\_id": 107,  "cart\_id": 2  }  **Response**: {  "fieldCount": 0,  "affectedRows": 1,  "insertId": 0,  "serverStatus": 2,  "warningCount": 0,  "message": "",  "protocol41": true,  "changedRows": 0  } |
| Delete all items in cart | DELETE  /:cart\_id | **Request**: 2  **Response**: {  "fieldCount": 0,  "affectedRows": 4,  "insertId": 0,  "serverStatus": 2,  "warningCount": 0,  "message": "",  "protocol41": true,  "changedRows": 0  } |

Endpoint: **http://localhost:1000/fileupload/**

|  |  |  |
| --- | --- | --- |
| Description | Method + Path | Request / Response |
| Upload an image for a new product, rename it. | POST  / | **Request**: {}  **Response**: {} |
| Upload an image for updated product, rename it, replace previous image. | POST  /update | **Request**: {}  **Response**: {} |

Endpoint: **http://localhost:1000/filedownload/**

|  |  |  |
| --- | --- | --- |
| Description | Method + Path | Request / Response |
| Save bills to server in .txt | POST  / | **Request**: {  "id": 103,  "item\_id": 103,  "cart\_id": 2,  "quantity": 1,  "price\_unit": 2490,  "price\_all": 2490,  "name": "Mi Note 10 6GB + 128GB",  "category\_id": 3,  "price": 2490,  "img\_url": "http://localhost:1000/upload/13.jpg"  },  {  "id": 107,  "item\_id": 107,  "cart\_id": 2,  "quantity": 3,  "price\_unit": 599,  "price\_all": 1797,  "name": "REDMI 8 3GB + 32GB",  "category\_id": 3,  "price": 599,  "img\_url": "http://localhost:1000/upload/17.jpg"  }  **Response**: {} |

Endpoint: **http://localhost:1000/download/**

|  |  |  |
| --- | --- | --- |
| Description | Method + Path | Request / Response |
| Download bill to user’s device. | GET  / | **Request**: bill\_3.txt  **Response**: blob |