#### API

| **Request / Response** | **Method + Path** | **Description** |
| --- | --- | --- |
| Get shop basic details: how many products available in shop and how many orders were. | GET  login/shopinfo | Request: { }  Response: {products:246, orders:875 } |
| User login | GET  login/login | Request: {username: “[hi@gmail.com](mailto:hi@gmail.com)”, password:123456 }  Response: {  token: fnD6jZl3w5ufkug8r4JGxF4e6Y, cart:[ … ],  cartDate:05-05-21 21:35:03,  userData:fname:”jo”, lname:”bo”, admin:0,city:”Haifa”, street: “Herzl”, id:245 userStatus:1}  // 3=admin, 2=has an open cart and ordered before, 1=hasn’t an open cart but ordered before, 0=never ordered. |
| Checks if user’s ID already exist in database | GET  login/ifidexist | Request: {id:246624624775 }  Response: true/false |
| Checks if user’s email already exist in database | GET  login/ifusernameexists | Request: {username:”bye@gmail.com” }  Response: true/false |
| Registers user. | POST  login/reg | Request: {id:86843872,  fname:”jo”, lname:”bo”, username:”hi@gmail.com”, password:123456, city:”Haifa”, street:”Herzl”}  Response: {"Registration complete"} |
| Get shop’s products. Requires Verification. | GET  store/products" | Request: { }  Response: {products: [ … ] } |
| Get shop’s product Categories. Requires Verification. | GET  store/categs | Request: { }  Response: { categs: [ … ] } |
| Search products by name. | GET  store/products/title/:title | Request: {title:”Rye” }  Response: { products:[ … ] } |
| Show products by specific category (number). | GET  store/products/categ/:categ | Request: {categ:1 }  Response: { products:[ … ] } |
| Get user’s cart content. | GET  cart/ | Request: { }  Response: { cart: [ … ] } |
| Adds a product to cart. | POST  cart/add | Request: { }  Response: { cart: [ … ] } |
| Increaces or decreases a product’s amount in cart according to user request. positive value adds, vegative reduces. When value in cart reaches zero it’s deleted. returns the new cart. | PUT  store/changeamount | Request: {productId=6, amount: -1}  Response: { cart: [ … ] } |
| Deletes a product from cart completely. returns the new cart. | DELETE  store/delete | Request: {productId= 4 }  Response: { cart: [ … ] } |
| Empties cart. returns the new cart. | DELETE  store/empty | Request: { }  Response: { cart: [ ] } |
| Creates an order. Gets details from user and returns filename of the invoice (downloaded from client) | POST  order/ | Request: { city:”Haifa”, street: “Herzl”, date:29-09-21, card: 34754292914242 }  Response: { filename: “order2473.txt” } |
| Checks if there are already 3 deliveries at the same day. | GET  order/checkday | Request: { date:29-09-21 }  Response: { false } |
| Admin adds a new product to shops’s products. | POST  admin/add | Request: {title:”Tomato Bread”,categ:1, price: 22,  pic: “bit.ly/3b7fm6”  }  Response: { products:[ … ] } |
| Admin updates an existing product in shops’s products. | PUT  admin/edit | Request: {title:”Olive Bread”,categ:1, price: 15,  pic: “bit.ly/c5s7mf }  Response: { products:[ … ] } |