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| **Shop API Reference**  Endpoint: <http://localhost:8080/api>  All the requests to /shop/ resource need to send with the appropriate Headers | | |
| Description | Method + Path | Request / Response |
| User Registration | **POST**  /user/register | **Request:** {  “first\_name”:”Roman” ,  “last name”:”Dulman”,  “username”:”roman@email.com”,  “password”:”123456”,  “city”:“Sderot”,  “street”:“Halale Egoz 4”,  “personal\_id”:”12345678”  }  **Response** {      "message": "user created"  }  **Status:** 201 |
| User Login | **POST**  /user/login | **Request:**  {  "username":"eli@email.com",  "password":"133133"  }  Admin Role Login:  **Response:** {      "auth": true,      "token": "eyJhbGciOiJIUzI1NiIsInR5…….",      "message": "user found & logged in",          "profile": {          "is\_admin": true,          "\_id": "5e2223898bafbb40c8283eb4",          "username": "eli@email.com",          "password": "133133",          "createdAt": "2020-01-17T21:13:45.773Z",          "updatedAt": "2020-01-17T21:13:45.783Z",          "\_\_v": 0,          "first\_name": "Eli",          "last\_name": "Martinez",          "personal\_id": "506033254"      }  }  User Login:  **Response:**  {      "auth": true,      "token": "eyJhbGciOiJIUzI1NiIsInR……………….",      "message": "user found & logged in",      "profile": {          "is\_admin": false,          "\_id": "5e2372f102096f2bac259c1f",          "username": "roman@email.com",          "password": "123456",          "createdAt": "2020-01-18T21:04:49.725Z",          "updatedAt": "2020-01-18T21:04:49.734Z",          "\_\_v": 0,          "city": "Sderot",          "first\_name": "Roman",          "last\_name": "Dulman",          "personal\_id": "123456",          "street": "Halale Egoz 4"      }  }  **Status:** 200 |
| Get All Shop Products | **GET**  /shop/products  Headers:  Content-Type: application/json  Authorization: jwt eyJhbGci…  . | **Request:** /shop/products  **Response:**  {      "products": [          {              "\_id": "5e235e624c1e451e28b4d741",              "product\_name": "Saloon Standing Lamp",              "cat\_id": {                  "\_id": "5e23532227f16d44348d647f",                  "title": "Home Decorations",                  "\_\_v": 0              },              "price": 40,              "image\_url": "http://localhost:8080/uploads/lamp.png",              "createdAt": "2020-01-18T19:37:06.284Z",              "updatedAt": "2020-01-18T19:37:06.284Z",              "\_\_v": 0          },          {              "\_id": "5e235e8e4c1e451e28b4d742",              "product\_name": "LED Smart TV",              "cat\_id": {                  "\_id": "5e2352cb9dc8212d54759635",                  "title": "Electronics",                  "\_\_v": 0              },              "price": 700,              "image\_url": "http://localhost:8080/uploads/led\_tv.png",              "createdAt": "2020-01-18T19:37:50.695Z",              "updatedAt": "2020-01-18T19:37:50.695Z",              "\_\_v": 0          },      ]  } |
| Get All Shop Products By **Category ID** | **GET**  /shop/products/{category\_id}  Headers:  Content-Type: application/json  Authorization: jwt eyJhbGci… | **Request:** /products/ 5e2352b89dc8212d54759634  **Response:** {      "products": [          {              "\_id": "5e235ec34c1e451e28b4d743",              "product\_name": "Electric Drill",              "cat\_id": {                  "\_id": "5e2352b89dc8212d54759634",                  "title": "Work Tools",                  "\_\_v": 0              },              "price": 150,              "image\_url": "http://localhost:8080/uploads/electric\_drill.png",              "createdAt": "2020-01-18T19:38:43.027Z",              "updatedAt": "2020-01-18T19:38:43.027Z",              "\_\_v": 0          }      ]  } |
| Get User Cart Items | **GET**  /shop/cart  Headers:  Content-Type: application/json  Authorization: jwt eyJhbGci… | **Request:** /shop/cart  **Response:**  {      "cart\_items": [          {              "\_id": "5e238b90686ed33e7016a272",              "product\_id": {                  "\_id": "5e235e8e4c1e451e28b4d742",                  "product\_name": "LED Smart TV",                  "cat\_id": "5e2352cb9dc8212d54759635",                  "price": 700,                  "image\_url": "http://localhost:8080/uploads/led\_tv.png",                  "createdAt": "2020-01-18T19:37:50.695Z",                  "updatedAt": "2020-01-18T19:37:50.695Z",                  "\_\_v": 0              },              "cart\_id": "5e238a889a30b805d843d3bb",              "quantity": 1,              "total\_price": 700,              "\_\_v": 0          },          {              "\_id": "5e238c3be6376116d837c84e",              "product\_id": {                  "\_id": "5e235e624c1e451e28b4d741",                  "product\_name": "Saloon Standing Lamp",                  "cat\_id": "5e23532227f16d44348d647f",                  "price": 40,                  "image\_url": "http://localhost:8080/uploads/lamp.png",                  "createdAt": "2020-01-18T19:37:06.284Z",                  "updatedAt": "2020-01-18T19:37:06.284Z",                  "\_\_v": 0              },              "cart\_id": "5e238a889a30b805d843d3bb",              "quantity": 3,              "total\_price": 120,              "\_\_v": 0          }      ]  } |
| Add Product to Cart | **POST**  /shop/cart  Headers:  Content-Type: application/json  Authorization: jwt eyJhbGci… | **Request:**  {  "product\_id":"5e235e624c1e451e28b4d741",  "quantity":"3"  }  **Response:**  {      "added\_item": {          "\_id": "5e238c3be6376116d837c84e",          "product\_id": "5e235e624c1e451e28b4d741",          "cart\_id": "5e238a889a30b805d843d3bb",          "quantity": 3,          "total\_price": 120,          "\_\_v": 0      }  } |
| Remove Product Item from Cart | **DELETE**  /shop/cart/{item\_id}  Headers:  Content-Type: application/json  Authorization: jwt eyJhbGci… | **Request:** /shop/cart/5e238b90686ed33e7016a272  **Response:**  Item 5e238b90686ed33e7016a272 Removed |
| Checkout Order | **POST**  /shop/cart/checkout  Headers:  Content-Type: application/json  Authorization: jwt eyJhbGci… | **Request:**  {  "order\_send\_date":"2020-02-10 15:00",  "last\_cc\_digits":"4456"  }  **Response:**  {      "new\_order": {          "\_id": "5e260f7d400f144c18aac477",          "user\_id": "5e2372f102096f2bac259c1f",          "cart\_id": "5e238a889a30b805d843d3bb",          "total\_price": 420,          "city": "Sderot",          "street": "Halale Egoz 4",          "order\_send\_date": "2020-02-10T13:00:00.000Z",          "last\_cc\_digits": "4456",          "createdAt": "2020-01-20T20:37:17.655Z",          "updatedAt": "2020-01-20T20:37:17.655Z",          "\_\_v": 0      }  } |
| Admin:  Create new Product | **POST**  /shop/admin/product  Headers:  Content-Type: application/json  Authorization: jwt eyJhbGci… | **Request:**  {  "product\_name":"Screw Driver",  "cat\_id":"5e2352b89dc8212d54759634",  "price":"15",  "image\_url":"http://localhost:8080/uploads/screw-driver.png"  }  **Response:**  {      "\_id": "5e2397224596a941e05d9a1c",      "product\_name": "Screw Driver",      "cat\_id": "5e2352b89dc8212d54759634",      "price": 15,      "image\_url": "http://localhost:8080/uploads/screw-driver.png",      "createdAt": "2020-01-18T23:39:14.674Z",      "updatedAt": "2020-01-18T23:39:14.674Z",      "\_\_v": 0  } |
| Admin:  Update product | **PUT**  /shop/admin/product  Headers:  Content-Type: application/json  Authorization: jwt eyJhbGci… | **Request**:  {  "product\_name":"Screw Driver",  "cat\_id":"5e2352b89dc8212d54759634",  "price":"150",  "image\_url":"http://localhost:8080/uploads/screw-driver.jpg"  }  **Response:**  Product 5e2397224596a941e05d9a1c Updated |
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