

Ecommerce API

LEVEL 1

You are required to complete the following task in a max of 3 hours.

- Design an API for an ecommerce platform admin to manage product inventory
- Tech Stack: Node.js & Mongo DB
- **[HINT] :: Test your API's using Postman**
- Beginner Level
 - Models/Schemas:
 - Products [fields: id, name, quantity]
 - API to add products to the database
URL [POST]: `/products/create`

```
//request
product: {
  name: laptop,
  quantity: 10
}

//response
data: {
  product: {
    name: laptop,
    quantity: 10
  }
}
```

- API to list products
URL [GET]: `/products`

```
data: {
  products: [
    {
      id: 1,
      name: laptop
      quantity: 10
    },
    {
      id: 2,
      name: camera
      quantity: 5
    }
  ]
}
```

```
    },  
    {  
      id: 3,  
      name: smartwatch  
      quantity: 8  
    },  
  ],  
}
```

- API to delete products
URL [DELETE] : `/products/:id`

```
// response  
data: {  
  message: "product deleted"  
}
```

- API to update quantity of a product (**can be incremented or decremented**)
URL [POST] : `/products/:id/update_quantity/?number=10`

```
// response  
data: {  
  product: {  
    id: 1,  
    name: laptop,  
    quantity: 20  
  },  
  
  message: updated successfully  
}
```

Extra Points:

- Well commented code
- Readme on how to setup the project on local system
- Scalable folder structure (separate models, controllers and routes)