# **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
* Scaleable folder structure (separate models, controllers and routes)