**Table of requirements**

| Requirement ID | Requirement Description | API Endpoint | HTTP Method | Request Payload (if applicable) | Expected Response (if applicable) |
| --- | --- | --- | --- | --- | --- |
| REQ-001 | Create a new order | /product/chooseProduct/{name}/{quantity} | POST | @PathVariable ***int quantity*** ,@PathVariable ***String name*** | Created Order JSON |
| REQ-002 | Cancel an existing order | /order/CancelOrder/{orderId} | DELETE | @PathVariable **int orderId** | Success Message / Error |
| REQ-003 | Display all orders | /order/Display\_Orders | GET | None | List of Orders JSON |
| REQ-004 | Purchase for a specific order by ID & cutomerID | /order/purchase\_Order/{orderId}/{c\_id} | GET | @PathVariable ***int id,***  @PathVariable ***int c\_id*** | Order JSON / http Status created+msg |
| REQ-005 | Register | /user/register | POST | Customer JSON | Add customer |
| REQ-006 | login | /user/login/ | POST | Customer  JSON | verify Customer  Credentials /login |
| REQ-007 | RunStock | /product/runStock/ | GET | None | Set stock for customer/  Message |
| REQ-008 | Display Stock | /product/DisplayStock/ | GET | None | List of stock/  Message |
| REQ-009 | View inbox | /notification/ViewInbox | GET | None | List Customer inbox |