Warehouse Management System

- All outgoing/current packages in the warehouse
  GET https://localhost:7237/api/packages
  No Request Body
  Response : list of packages

```
 [
   {
     "packageId": 3,
     "isExpired": false,
     "isOut": true
   },
   {
     "packageId": 5,
     "isExpired": false,
     "isOut": true
   },
 ]
```

- All Customers Packages
  GET https://localhost:7237/api/customers
  No Request Body
  Response : list of Customers

```
[ {
     "id": 2,
     "firstName": "Sam",
     "middleName": "leda",
     "lastName": "Micheal",
     "packages": [
        {
          "packageId": 4,
          "isExpired": false,
          "isOut": false
        }
     ]
   },
   {
     "id": 3,
     "firstName": "Noor",
     "middleName": "Ahmad",
     "lastName": "Khouri",
     "packages": [
        {
          "packageId": 5,
          "isExpired": false,
```

```
            "isOut": true
        },
        {
            "packageId": 6,
            "isExpired": false,
            "isOut": true
        }
    ]
}]
```

- All suppliers Packages
  GET https://localhost:7237/api/suppliers
  As the previous end point for customers

- All free warehouse locations on a certain date.
  GET https://localhost:7237/api/warehouseLocations/{date}
  No Request Body
  Response Body : List of Locations
```
[
    {
        "id": 1,
        "dimintion": "x=50,y=160",
        "capacity": 30
    },
    {
        "id": 2,
        "dimintion": "x=50,y=160",
        "capacity": 30
    }
]
```

- Transferred Packages in a certain time
  GET https://localhost:7237/api/packages/movements/{startDate}/{endDate}

  https://localhost:7237/api/packages/movements/2022-07-25/2022-08-02
  No Request Body
  Response Body : List of Packages
```
[
    {
        "id": 3,
        "containerId": 2,
        "customerId": 1
    },
    {
        "id": 5,
        "containerId": 2,
```

```
      "customerId": 3
    }
]
```

- Add Warehouse Location
  POST   https://localhost:7237/api/warehouseLocation
  Request body:
  ```
  {
    "dimintion": "x=70,y=140",
    "capacity": 10
  }
  ```
  No Response Body

- Update Warehouse Location
  PUT   https://localhost:7237/api/warehouseLocation/{locarionNumber}
  Request body:
  ```
  {
    "dimintion": "x=70,y=140",
    "capacity": 10
  }
  ```
  No Response Body

- Get Container
  GET   https://localhost:7237/api/container/{containerNumber}
  No Request Body
  Response Bode
  ```
  {
    "type": 0,
    "containerNumber": "111111111"
  }
  ```

- Add Container

  POST   https://localhost:7237/api/container

  Request Body

  ```
  {
    "type": 0,
    "containerNumber": "string"
  }
  ```
  No Response Body