```
┌──────────────┐
│  /register   │
│   (POST)     │──────┐
└──────────────┘      │        ┌──────────────┐      ┌──────────────┐      ┌──────────┐
                      ├───────▶│ User Service │◀────▶│  User Repo   │◀────▶│ User DB  │
┌──────────────┐      │        └──────────────┘      └──────────────┘      └──────────┘
│ /login (POST)│◀─────┘               ▲
└──────────────┘  JWT                 │
                                 Validate JWT
                                      │
                                      ▼
┌──────────────┐        ┌──────────────┐      ┌──────────────┐      ┌──────────┐
│  CRUD Ops    │◀──────▶│ Toy Service  │◀────▶│  Toy Repo    │◀────▶│  Toy DB  │
└──────────────┘        └──────────────┘      └──────────────┘      └──────────┘
                                │
                                ▼
                        ┌──────────────┐       On Create Toy,
                        │  /inventory  │       Set Initial Inventory of 50 units
                        │   (POST)     │
                        └──────────────┘
                                │
                                ▼
 Reduces      ┌──────────────┐  ┌──────────────┐      ┌──────────────┐      ┌──────────┐
 Inventory    │  /inventory  │  │  Inventory   │◀────▶│  Inventory   │◀────▶│Inventory │
              │    (PUT)     │◀▶│  Service     │      │    Repo      │      │   DB     │
              └──────────────┘  └──────────────┘      └──────────────┘      └──────────┘
 Retrieves    ┌───────────────────────┐  ▲
 Current      │ /inventory/{productNumber}│◀┘
 Inventory    │        (GET)          │
              └───────────────────────┘
                                │
                                ▼
                        ┌──────────────┐   Write Simple
                        │   Lambda     │   Message -
                        └──────────────┘   "Reordered"
```

High-Level Requirements:

1. Create a reorder microservice as a Go Lambda in AWS
2. On updates to inventory, if quantity is set to <= 15, execute a POST to your Go Lambda in AWS
3. The Lambda can simply echo back a message like "ABC-123 - Reordered successfully"
4. If you want to reset your database container, remove the container from Docker and run `sudo -rf rm ~/mysql` to remove the MySQL state stored locally