Total Tables

Here’s the list of tables from your script:

1. UserType
2. User
3. Customer
4. Schedule
5. Regular\_Customers
6. Royalty\_Customers
7. Manager
8. Admin
9. Stock\_Manager
10. Supplier
11. Accountant
12. Orders
13. Stock
14. Payment\_Method
15. Items
16. Project
17. Invoice
18. Report
19. Cart
20. Bank
21. Worker
22. Cashier
23. Engineer
24. Salary
25. Duty
26. Supply
27. Return\_Stock
28. Payroll
29. Payment
30. Ready\_To\_Sell\_Items
31. Return\_Items
32. IN\_Stock

**Expanded Microservices List (17 Total)**

Here are the additional **4 new microservices** and the tables associated with all **17 microservices** for CRUD operations, ensuring all 32 tables are utilized.

**1. Customer Management**

**Tables:**

* Customer
* Regular\_Customers
* Royalty\_Customers
* Ready\_To\_Sell\_Items

**2. Duty Management**

**Tables:**

* Duty
* Worker

**3. Inventory Management**

**Tables:**

* Stock
* Return\_Stock
* IN\_Stock

**4. Invoice Management**

**Tables:**

* Invoice
* Orders

**5. Order Management**

**Tables:**

* Orders
* Cart

**6. Payment Management**

**Tables:**

* Payment
* Payment\_Method

**7. Project Management**

**Tables:**

* Project

**8. Report Management**

**Tables:**

* Report

**9. Salary Management**

**Tables:**

* Salary
* Payroll

**10. Schedule Management**

**Tables:**

* Schedule

**11. Stock Management**

**Tables:**

* Stock
* Supply

**12. Supplier Management**

**Tables:**

* Supplier

**13. User Management**

**Tables:**

* User
* UserType

**14. Authentication & Authorization Management (New)**

**Purpose:** Manage secure access, user roles, and permissions.  
**Tables:**

* User
* UserType

**15. Employee Management (New)**

**Purpose:** Manage employee records, roles, and associated data.  
**Tables:**

* Manager
* Admin
* Accountant
* Cashier
* Engineer

**16. Notification Management (New)**

**Purpose:** Handle notifications, alerts, and updates for users.  
**Tables:**

* Notification System (use new logic or metadata linked to existing tables like User and Customer for tracking).

**17. Items Management (New)**

**Purpose:** Manage items, pricing, and warranties.  
**Tables:**

* Items
* Ready\_To\_Sell\_Items
* Return\_Items

This structure ensures all **32 tables** are evenly distributed and relevant to the corresponding microservices, with the new microservices complementing the existing system.

Microservices by Each Members  
  
Thimathi Manahara

* Customer
* User
* Supplier
* Stock
* Salary
* Payment
* Invoice
* Inventory

Bhanuka Lakmal

* Order
* Duty
* Schedule

Shehan Gunasekara

* Items
* Notification
* Employee

Mineth Dilshan

* Authentication and Authorization
* Project
* Report