User
- id (PK)
- Username
- Email
- Password
- role
- created_at

InventoryReports
- id (PK)
- Item_id (FK)
- Action
- Quantity_changed
- changed_by (FK)
- timestamp
- note
- Created_at

PurchaseOrder
- id (PK)
- Created_by (FK)
- Item_id (FK)
- Quantity_ordered
- Quotation_file
- Expected_delivery
- Status
- Created_at

ItemRequest
- id (PK)
- Requested_by (FK)
- Item_id (FK)
- Quantity_requested
- Status
- Priority_level
- Notes
- Supporting_document
- Created_at
- Decision_by (FK)

Item
- id (PK)
- name
- description
- image
- expiry_date
- supplier_info
- category_id (FK)
- stock_quantity
- min_stock_threshold
- created_by (FK)

Manager
- id (PK)
- Username
- Email
- Password
- role

Category
- id (PK)
- name
- description
- default_min_stock

User: Teacher (Username, Email, Password, Role)

ItemRequest: One Teacher requests many items

Item: requested by Teacher which is handled through ItemRequest

InventoryReports: holds information on all items available or unavailable

Manager: Procurement Officer, Inventory Manager (Username, Email, Password, Role)

PurchaseOrder: Inventory Manager is able to create purchase orders and Procurement officer is able to view and track the purchase orders

Category: items are put into a certain category, Category is managed and filtered by Manager