



- [Product]
- Lot
 - Size
 - Shape
 - Thickness
 - Grade
 - Hold
 - Status
 - Testing
 - machine
 - Methane
 - Hydrogen
 - Nitrogen
 - Argon
 - Chamber pressure
 - Temp
 - Moly Combo
 - Plenum
 - Seed Size
 - Run Hours
 - Single or Poly

- [Product]
- - product_id (PK)
 - - name
 - - description
 - - price
 - - stock

- [Payment]
- - payment_id (PK)
 - - invoice_id (FK)
 - - amount
 - - payment_method
 - - status
 - - payment_date

- [User]
- - user_id (PK)
 - - name
 - - email
 - - password
 - - role (user/admin/superadmin)

- [Cart]
- - cart_id (PK)
 - - user_id (FK)
 - - created_at

- [CartItem]
- - item_id (PK)
 - - cart_id (FK)
 - - product_id (FK)
 - - quantity

- [Invoice]
- - invoice_id (PK)
 - - user_id (FK)
 - - total_amount
 - - status (Pending, Shipped, Cancelled)
 - - created_at

- [Shipment]
- - shipment_id (PK)
 - - invoice_id (FK)
 - - status (In Transit, Delivered, Cancelled)
 - - tracking_number

- [Permissions]
- - permission_id (PK)
 - - user_id (FK)
 - - access_level
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