Task Management:

* Product
* Company
* Employee
* Rack
* Purchase
* Sale

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| **Product**  Name  Code  Group  Power  Company  RackNumber  Category  ListPrice  Vat  Discount  Price  Quantity  Remarks | **Company**  Name  ContactPerson  Contact  Email  Address  City  Division  CreateDateTime  Employee | **Employee**  Name  Email  Type  Password  **Sale**  Number  DateTime  Company  Employee  Status  Products  Quantities  Rate  Vat  Discount  subtotal  Total  Vat  Discount  GrandTotal  PaymentMethod | **Purchase**  Number  DateTime  Company  Employee  Products  Quantities  Rate  Vat  Discount  subtotal  Total  Vat  Discount  GrandTotal |
|  |  |  |  |

1.First Normal Form: Define PK & FK

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| **Product**  **ID**  Name  Code  Group  Power  CompanyID  RackNumber  Category  ListPrice  Vat  Discount  Price  Quantity  Remarks | **Sale**  **ID**  Number  DateTime  CompanyID  EmployeeID  Status  ProductID  Quantities  Rate  Vat  Discount  subtotal  Total  Vat  Discount  GrandTotal  PaymentMethod | **Employee**  **ID**  Name  Email  Password  **Company**  **ID**  Name  ContactPerson  Contact  Email  Address  City  Division  CreateDateTime  EmployeeID | **Purchase**  **ID**  Number  DateTime  CompanyID  EmployeeID  ProductID  Quantities  Rate  Vat  Discount  subtotal  Total  Vat  Discount  GrandTotal |
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2. Second Normal Form: Make new Table with Common Data’s, Define PK & FK

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| **Product**  **ID**  Name  Code  GroupID  Power  CompanyID  RackID  CategoryID  UnitID  ListPrice  Vat  Discount  Price  Remarks  **Group**  ID  Name  Description  **SaleStatus**  Id  Name  Description  Level | **Sale**  **ID**  Number  DateTime  CompanyID  EmployeeID  SaleStatusID  ProductID  UnitID  Rate  Vat  Discount  subtotal  Total  Vat  Discount  GrandTotal  PaymentMethodID  **Category**  ID  Name | **Employee**  **ID**  Name  Email  Password  Type(Adnim,Employee)  **Company**  **ID**  Name  ContactPerson  Contact  Email  Address  City  District  **Rack**  ID  Name  **PaymentMethod**  ID  Name  Company | **Purchase**  **ID**  Number  DateTime  CompanyID  EmployeeID  ProductID  UnitID  Rate  Vat  Discount  subtotal  Total  Vat  Discount  GrandTotal  **Unit**  ID  Name  Description  PrimayQty |
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3.Third Normal Form: Remove Make New Table with repeated and irregular data, Define PK & FK

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| **Product**  **ID**  Name  Code  GroupID  PowerID  CompanyID  RackID  CategoryID  UnitID  ListPrice  SerialNumber  Vat  DiscountID  Price  Remarks  **Group**  ID  Name  Description  **SaleStatus**  SaleID  StatusID  Name  Description  Lebel | **Sale**  **ID**  Number  DateTime  CompanyID  EmployeeID  SaleStatusID  Total  Vat  Discount  GrandTotal  PaymentMethodID  SaleDetails  SaleID  ProductID  SerialNumber  Qty  Rate  Vat  Discount  subtotal  **Category**  ID  Name  **Power**  ID  Name  ProductID | **Employee**  **ID**  Name  Email  Password  Type(Admin,Employee)  **Company**  **ID**  Name  ContactPerson  Contact  Email  Address  CreateDateTime  EmployeeID  **Rack**  ID  Name  **PaymentMethod**  ID  Name  Company  **Discount**  ID  Status  ProductID | **Purchase**  **ID**  Number  DateTime  CompanyID  EmployeeID  ProductID  Qty  Rate  Vat  Discount  subtotal  Total  Vat  Discount  GrandTotal  **Unit**  ID  Name  Description  PrimayQty |
|  |  |  |  |

4.Foutth Normal Form: Remove dependent and redundant data.

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| **Product**  **ID**  Name  Code  GroupID  PowerID  CompanyID  RackID  CategoryID  SaleStatusId  UnitID  ListPrice  Vat  DiscountID  Remarks  **Group**  ID  Name  Description  **SaleStatus**  ID  Name  Description | **Sale**  **ID**  Number  DateTime  EmployeeID  SaleStatusID  SaleDetailsID  PaymentMethodID  **SaleDetails**  **CompanyID**  ProductID  SerialNumber  Qty  Rate  Vat  DiscountID  **Category**  ID  Name  ProductId  **Power**  ID  Name | **Employee**  **ID**  Name  Email  Password  Type(Admin,Employee)  Image  **Company**  **ID**  Name  ContactPerson  Contact  Email  Address  CreateDateTime  **Rack(MedLocation)**  ID  Name  ProductId  **PaymentMethod**  ID  Name  Company  **Discount**  ID  Status | **Purchase**  **ID**  Number  DateTime  EmployeeID  PurchaseDetailsID  **PurchaseDetails**  ProductID  Qty  Rate  Vat  DiscountID  SubTotal  **Unit**  ID  Name  Description  PrimaryQty |
|  |  |  |  |