



KHULNA UNIVERSITY

Schema Diagram on

Dining Management System

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Schema Design

SQL Command:

```
create database Dining_Management_System;
```

```
Use Dining_Management_System;
```

```
create table Student
```

```
(Student_name varchar(20),  
Room_number varchar(3),  
Discipline_name varchar(20),  
Student_ID numeric(6),  
Mobile_Number numeric(11),  
primary key (Student_ID) );
```

```
create table Meals
```

```
(Meal_type varchar(6),  
Price numeric(2,2),  
primary key (Meal_type) );
```

```
create table Payments
```

```
(Transaction_ID varchar(15),  
Student_ID numeric(6),  
Date_of_transaction date,  
Price numeric(2,2),  
primary key (Transaction_ID) );
```

```
create table Inventory
```

```
(Record_of_food_items varchar(20),  
Price numeric(3,0),  
Quantity numeric(3,0),  
primary key (Record_of_food_items )  
);
```

```
create table Meal_order
(
    Order_ID varchar(15),
    Date_Of_Order date,
    primary key (Order_ID)
);
```

```
create table Manager
(
    Manager_Name varchar(20),
    Student_ID numeric(6,0),
    Moblie_Number numeric(11),
    primary key (Student_ID)
);
```

```
create table Reports
(
    Report_ID varchar(20),
    primary key (Report_ID)
);
```

Schema Diagram

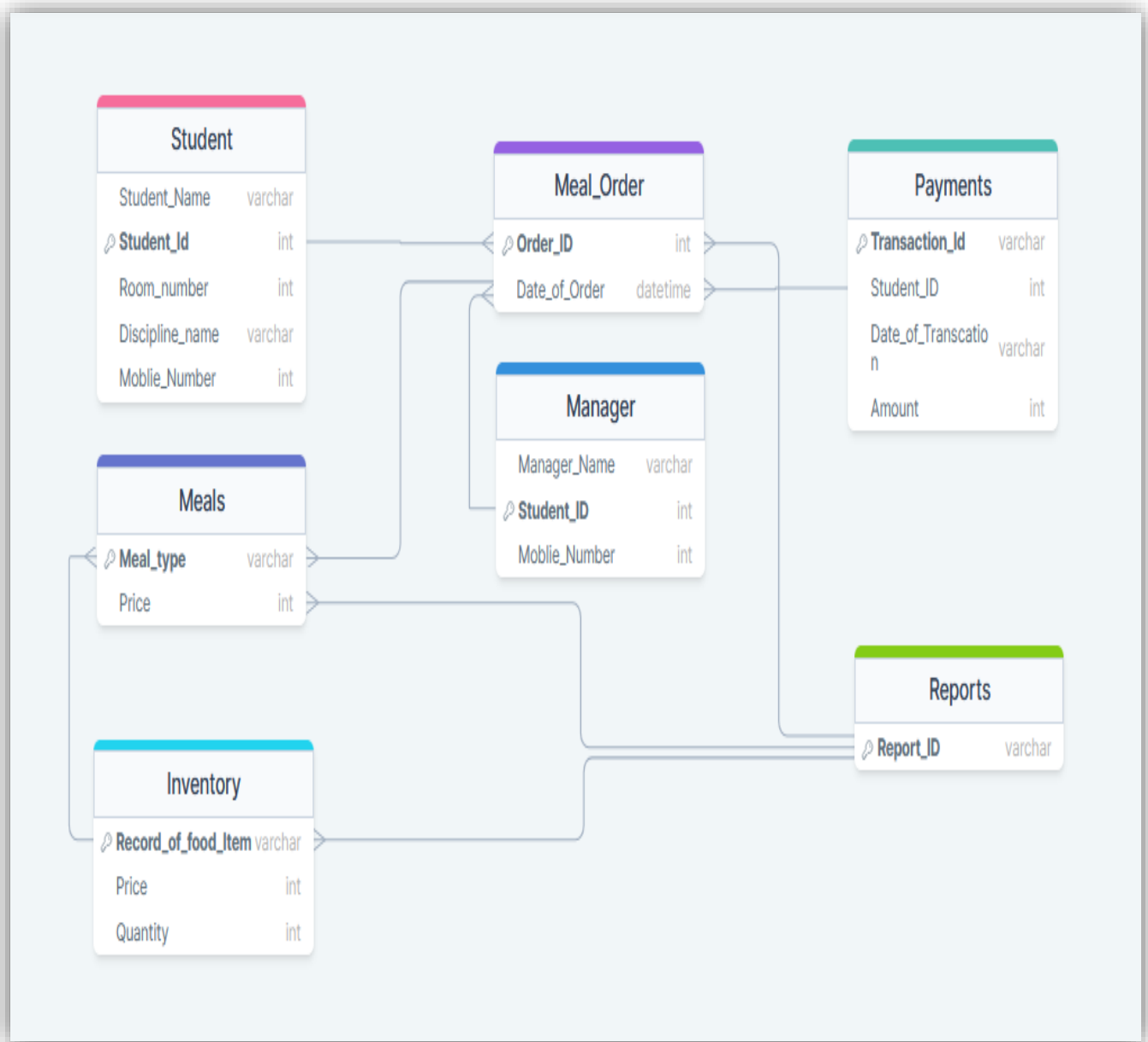


Fig- Schema Diagram