R_1 = (ReserveID, ReserveDate, TableNumber,
PeopleCount, CustomerID)

prime - ReserveID

2NF ✓ all non-primes are functionally dependent on the primary key.

no trans relationships ✓

=> 3NF ✓

R_2 = (TableNumber, Capacity, TableStatus, Location)

prime - TableNumber

2NF ✓ all non-primes are f.d on p.

no trans relations ✓

⇒ 3NF ✓

R_3 = (CustomerID, FirstName, LastName, Phone, Email, Budget)

2NF ✓

no trans relations ✓

=> 3NF ✓

R_4 = (PaymentID, CustomerID, Amount, PaymentDate, PaymentMethod, PaymentStatus)

2NF ✓, no trans relations => 3NF ✓

R5 = (OrderNumber, DateCreated, DateCompleted, OrderStatus, Comments, CustomerID, EmployeeID, Creates)

2NF ✓
no trans relations ✓ => 3NF ✓

R6 = (EmployeeID, FN, LN, Phone, Email, JobPosition, Salary, ReportsTo)

2NF ✓
no trans relations ✓ => 3NF ✓

R7 = (OrderNumber, ID, Quantity)

2NF ✓
no trans relations ✓ => 3NF ✓

R3 = (MenuID, MenuType)

2NF ✓
no trans relations ✓ => 3NF ✓

R8 = (ID, MenuID, ItemName, Price, Descriptions, Quantity)

2NF ✓, no trans relations ✓ => 3NF ✓