TEAM 16
Phase [2]

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Relational Schema

FTUser(Username, First_Name, Last_Name, Pword)

Employee(EmpEmail, EmpUsername [FK1])
FK1: EmpUsername → FTUser.Username

Manager(MgrEmail [FK2])
FK2: MgrEmail → Employee.EmpEmail

AdminStaff(AdminEmail [FK3])
FK3: AdminEmail → Employee.EmpEmail

Building(BuildingName, DescriptionofBuilding)

Station(StationName, Sponsor [FK4], Capacity)
FK4: Sponsor → Building.BuildingName

FoodTruck(FTName, FTHost [FK5], ManagerEmail[FK6])
FK5: Host → Station.StationName
FK6: ManagerEmail → Manager.MgrEmail

Staff(StaffEmail [FK7], WorkLocation [FK8])
FK7: StaffEmail → Employee.EmpEmail
FK8: WorkLocation → FoodTruck.FTName

Customer(CustUsername [FK9], Location [FK10], Balance)
FK9: CustUsername → FTUser.Username
FK10: Location → Station.StationName

CustomerOrder(OrderID, CustName[FK11], OrderDate)
FK11: CustName → Customer.CustUsername

Food(FName)

MenuItem(FoodName [FK12], FoodTruckName [FK13], Price)
FK12: FoodName → Food.FName
FK13: FoodTruckName → FoodTruck.FTName

Contain(ContainsOrderID [FK14], NameOfFood [FK15], NameOfFoodTruck [FK16], PurchaseQuantity)
FK14: ContainsOrderID → Order.OrderID
FK15: NameOfFood → MenuItem.FoodName
FK16: NameOfFoodTruck → MenuItem.FoodTruckName

BuildingTag(BTName [FK17], Tag)
FK17: BTName → Building.BuildingName