Relational Model

1. Customer (<u>User_Name</u> (TEXT, nchar), Password (TEXT, nchar), Email (TEXT, nchar), Phone_Number (INTEGER, bigint), CC_Number (INTEGER, bigint), Validation_Date (INTEGER, date), CSV (INTEGER, smallint), Street(TEXT,nchar), St_Number(INTEGER,smallint), City(TEXT,nchar), Customer_Manager_ID(Customers_Management)(INTEGER,smallint))

2. Private (<u>User_Name (</u>Customer) (TEXT, nchar), First_Name (TEXT, nchar), Last_Name (TEXT, nchar))

3. Business (<u>User_Name (</u>Customer) (TEXT, nchar), Company_Name, Contact_Person (TEXT, nchar), Licence_Number (INTEGER, smallint))

4. Business_Type(<u>User_Name</u>(Business) (TEXT, nchar), Type (TEXT, nchar))

5. Order (<u>Order_ID</u> (INTEGER, int), Date (INTEGER, date), Customer_User_Name (Customer)(TEXT, nchar))

6. Order_Received_By (<u>Inventory_Worker_ID</u>(Inventory_Worker) (INTEGER, smallint), <u>Order_ID</u> (Order)(INTEGER, int))

7. Employee (<u>Employee_ID</u> (INTEGER, smallint), First_Name (TEXT, nchar), Last_Name (TEXT, nchar), Phone_Num (INTEGER, bigint), Street (TEXT, nchar), St_Number (INTEGER, smallint), City (TEXT, nchar), Salary (INTEGER, bigint), Seniority (REAL, float) , Manager_ID(Employee) (INTEGER, smallint))

8. Sales_Worker (<u>Employee_ID</u> (Employee) (INTEGER, smallint), Degree)

9. Physicians (<u>Employee_ID</u> (Sales_Worker) (INTEGER, smallint))

10. Physicians_Internships (<u>Employee_ID</u>(Physicians) (INTEGER, smallint), Internship (TEXT, nchar))

11. Consultation (<u>Consultation_ID</u> (INTEGER, int), Date, Physician_ID (Physicians) (INTEGER, smallint), Customer_User_Name(Private) (TEXT, nchar), Summary (TEXT, text))

12. Recommended_Item (<u>Consultation_ID</u> (Consultation) (INTEGER, int), <u>Item_ID</u> (Item) (INTEGER, smallint))

13. Customers_Management (<u>Employee_ID</u> (Sales_Worker) (INTEGER, smallint), Rank (TEXT, nchar))

14. Inventory_Worker (<u>Employee_ID</u> (Employee) (INTEGER, smallint), Position (TEXT, nchar))

15. Procuremant_Worker (<u>Employee_ID</u> (Employee) (INTEGER, smallint), Position (TEXT, nchar))

16. Item_In_Order (<u>Order_ID</u> (Order) (INTEGER, smallint), <u>Item_ID</u> (Item) (INTEGER, smallint), Amount (INTEGER, int))

17. Item (<u>ID</u> (INTEGER, smallint), Amount_In_Inventory (INTEGER, int))

18. Item_Department (Item_ID (Item) (INTEGER, smallint), Department (TEXT, nchar))

19. Batch (<u>Item_ID</u> (Item) (INTEGER, smallint), <u>Manufacture_Date</u> (INTEGER, date), <u>Expiration_Date</u> (INTEGER, date))

20. Update_Item_Amount (<u>Item_ID</u> (Item) (INTEGER, smallint), <u>Update_Date</u> (INTEGER, date), New_Amount (INTEGER, int), Inventory_Worker_Registerd_ID (Inventory_Worker) (INTEGER, smallint))

21. Delivery (<u>Delivery_ID</u> (INTEGER, smallint), Date (INTEGER, date))

22. Handling_Delivery (<u>Delivery_ID</u> (Delivery) (INTEGER, smallint), <u>Inventory_Worker_ID</u> (Inventory_Worker) (INTEGER, smallint))

23. Item_In_Delivery (<u>Delivery_ID</u> (Delivery) (INTEGER, smallint), <u>Item_ID</u> (Item) (INTEGER, smallint), Amount (INTEGER, int))

24. Export_Delivery (<u>Delivery_ID</u> (Delivery) (INTEGER, smallint))

25. Going_To (<u>User_Name_Customer</u>(Customer) (TEXT, nchar), <u>Export_Delivery_ID</u>(Export_Delivery) (INTEGER, smallint))

26. Inport_Delivery (<u>Delivery_ID</u> (Delivery) (INTEGER, smallint), Company_ID (Supplier) (INTEGER, smallint))

27. Supplier (<u>Company_ID</u> (INTEGER, smallint), Contact_Person (TEXT, nchar), Phone_Number (INTEGER, bigint), Street (TEXT, nchar), St_Number, City (TEXT, nchar))

28. Purchased_From (<u>Purchase_ID</u> (Purchase) (INTEGER, int), <u>Company_ID</u> (Supplier) (INTEGER, smallint))

29. Purchase (<u>Purchase_ID</u> (INTEGER, smallint), Date (INTEGER, date))

30. Purchasing (<u>Purchase_ID</u> (Purchase) (INTEGER, int), <u>Procurement_Worker_ID</u> (Procurement_Worker) (INTEGER, smallint))

31. Item_In_Purchase (<u>Purchase_ID</u> (Purchase) (INTEGER, smallint), <u>Item_ID</u> (Item) (INTEGER, smallint), Amount (INTEGER, int))