Mahindra Satyam

Pharmacy-Auto generation of Purchase Order

1. OBJECTIVES:
   On completion of the case study the participant should be ability to:
   - Connectivity with Oracle database
   - Apply Transaction management with database

2. PRE-REQUISITES
   - Database Programming- Oracle SQL, PL/SQL

3. SKILLS/CONCEPTS
   - Implementation and Integration skills to solve this case

4. DURATION IN HOURS
   - 3 HRS

5. SCENARIO
HIJ is a pharmacy engaged in selling of various medicines to its customers. You are requested to raise a Purchase of order of medicines from its Suppliers at the end of every day based on the stock which has fallen below Re-Order Level.

   - Identify the tables, attributes and define them with relations
   - Write the DB script to maintain above process.
   - Implement this in the form of Procedures and functions, and Triggers.

6. DELIVARABLES
   a. Normalized Tables(up to 3NF)
   b. Table definitions with Relationships
   c. Applying Integrity constraints
   d. Defining the re-usable components
   e. Handling suitable exceptions
   f. Implement the solution with suitable Packages, Procedures, Functions, Cursors etc
   g. Implementing the Database triggers