Year 2 DB assignment

Create a general inventory relational database for a company with all involved relations/entities like products, suppliers, product categories, suppliers' locations, customers, company's employees, company's departments/units and their managers, employee's jobs, database users, user types,…
Define required user defined functions or procedures to record, edit of delete on each table and triggers on other relations which may be affected by these transactions
For example, the quantity in stock for a product must be checked before getting out of some of those products and it's changed every time products get in or out of stock.
Find out necessary reports which may be generated and create a view for each and a stored procedure which should be invoked to get it.

Year 2 Networking assignment

Follow   network   configurations   at
https://sites.google.com/site/computernetworkingprojects/home/cisco-packet-tracer
and apply all network tools: **ping, ipconfig, tracert, netstat** and **nslookup** and all options for each tool.
NB: Apply these tools only on the first project (Basic Router Configuration)

Year 1 DB assignment

Find out all attributes in an inventory relational database for a company for all involved relations/entities like products, suppliers, product categories, suppliers' locations, customers, company's employees, company's departments/units and their managers, employee's jobs, database users, user types,…
Make the data dictionary with all metadata.
Find relationships between entities in this database and draw its Entity Relationship Diagram(ERD).

Year 1 Networking assignment

Network topology

All these assignments' reports must be submitted by 6 April 2020 via the email **hatahila@gmail.com** by indicating **<your_names><Year><Class><Type_Of_Assignment(Networking** or **Database>** in your email subject.