

# ASSIGNMENT

---

## Grouping

- Each group must have from 1 to 3 students.

## Task

Choose one of following sites:

1. www.electrolux.vn
2. ttbh.sony.com.vn
3. phongvu.vn
4. www.nguyenkim.com
5. shopxedap.vn
6. xedapxanh.com.vn
7. www.123mua.vn
8. travel.com.vn
9. www.golmart.vn
10. chotot.vn
11. www.raovat.net
12. vneconomy.vn
13. tintuc.vn

Design and implement the database to store data for the selected site. You need to:

- § Write the user requirement.
- § Design E/R diagram
- § Convert E/R diagram to relational data model. Normalize this to 3NF/BCNF.
- § Define all necessary constraints.
- § Implement this design into SQL Server.
- § Write all SQL statements, stored procedures and triggers to perform all necessary transactions of the site.

## Documents

Document	Content	File name	Dead line
<b>User Requirement</b>	<ul style="list-style-type: none"><li>- List of students</li><li>- Problems</li><li>- List of required data objects with these attributes</li></ul>	DB_[Class]_UR_[Name OfStudentInGroup].doc E.g. DB_SE0711_UR_TungT	

	- List of required transactions	Q_TrangNT_HungVP.doc
<b>E/R diagram</b>	- ER diagram	DB_[Class]_ER_[NameOfStudentInGroup].doc
<b>Database scheme</b>	<ul style="list-style-type: none"> <li>- Database schema in relational data model. Normalize this database into 3NF/BCNF.</li> <li>- List of constraints.</li> <li>- Database diagram (implemented with MS SQL Server)</li> </ul>	DB_[Class]_LD_[NameOfStudentInGroup].doc
<b>.SQL file</b>	<ul style="list-style-type: none"> <li>- SQL file to implement the database.</li> <li>- All queries, manipulation statements, stored procedures, triggers to execute all transactions required.</li> </ul>	DB_[Class]_DBProject_[NameOfStudentInGroup].sql

## How to mark

- Independent scoring for each student.
- Based on:
  - o The work already done (60%)
  - o The presentation (10%)
  - o The answer about teacher's questions (30%)