Project Report

- Group of Students must choose a certain domain to design its data base.
- Each group must submit a pdf report file

The report must be as follow:

- Written in A4 size, font size 12, 1.5 line spacing

Contents

Student name: Id:

(group- must include all names and Ids)

Title: (domain name)   for example : University database system

1- Introduction
(Description of the chosen domain)

2- Important data and reports
(for example :
Students: id, name, address,….
Staff : name, address, degree,…
…..
Reports: - get student names who enrolled in certain course- get courses taught by certain staff …..   )

3- Assumptions
(include assumptions needed in this domain)

4- EER diagram
(The draw of EERD on details using any tool or word(shapes) ; must be in suitable size, may be drawn in more than one page)

5- Database Schema
(Transfer EER into Relational DB indicating PK and FK)
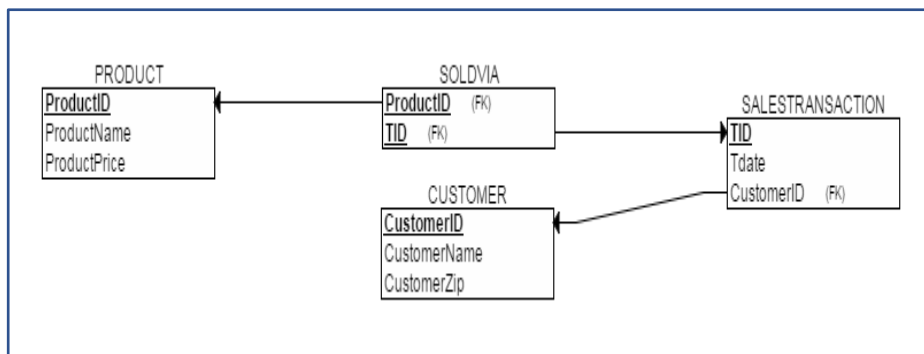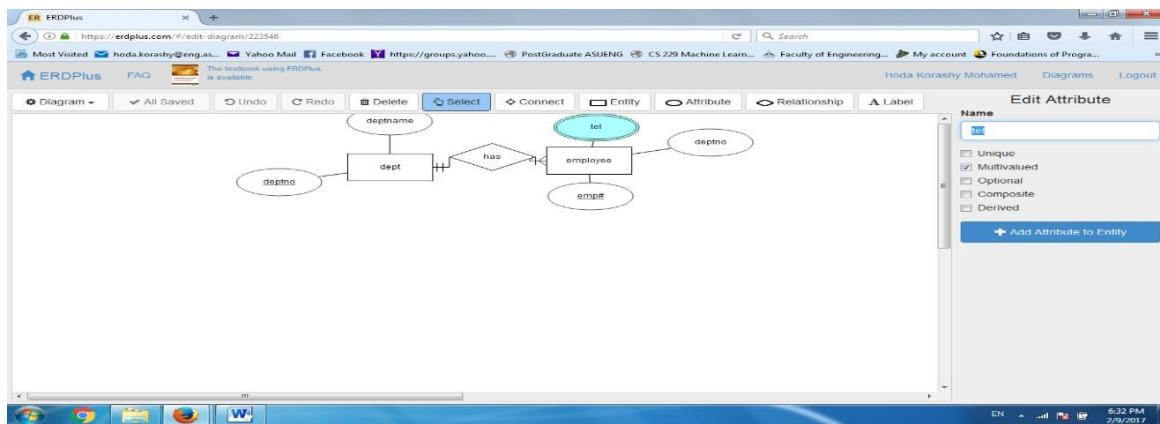
6- Sample of SQL
 (your own written example for sql to create tables, insert, update, delete and at least SQL retrieve of 5 needed reports)
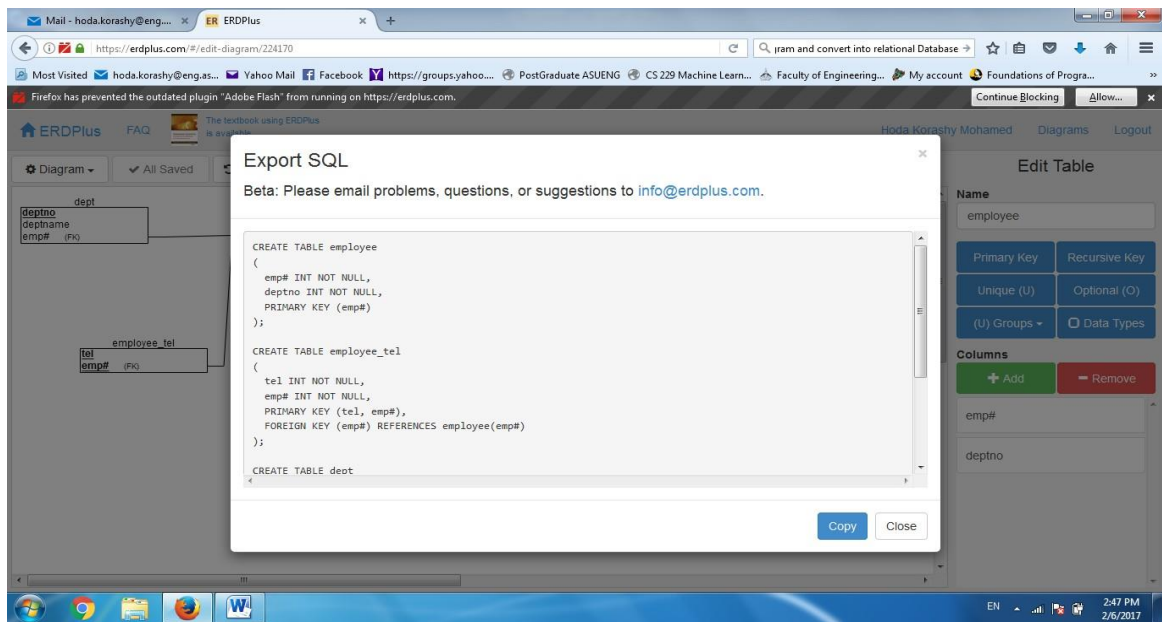
7- Implementation
7.1 Part1: using ERD tool

(mention your tool name and simple description of it – as in ERD lab document for example: ERDPlus is a database modeling tool for creating Entity Relationship Diagrams, Relational Schemas, Star Schemas, and SQL DDL statements. ERDPlus is a web-based database modeling tool that lets you quickly and easily create)

Then get sample snapshot from this tool – a draw of ERD , change into relational data model and sample of SQL- for example:
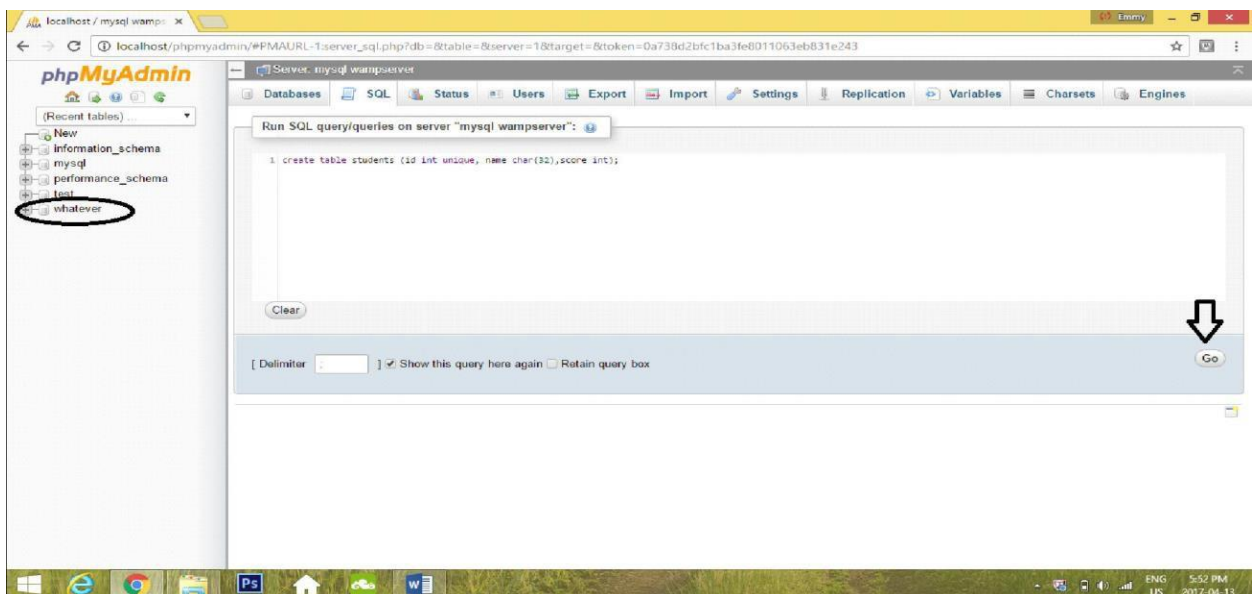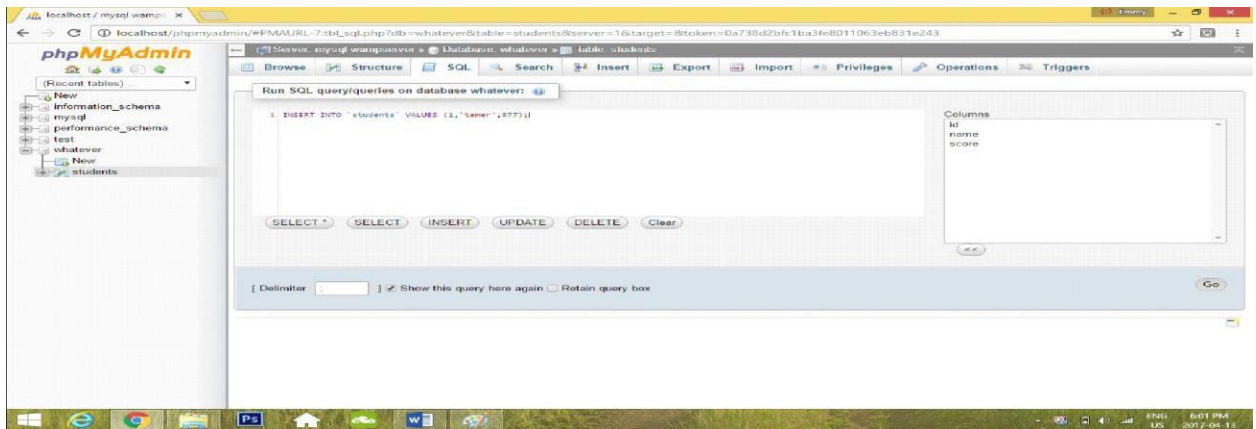
7.2 Part2: using SQL tool

(mention your SQL tool you used for example as in SQL lab document:
phpMyAdmin **is a free software tool written in PHP, intended to handle the administration of MySQL over the Web**.

Then enter Sample of SQL command from your domain – only one snapshot from each command for example:

The same for update, delate and select