# Name of Your Company

Langara University?

Choose a name for your company. It makes the project more fun and who knows, this may inspire you to develop an idea and start your own company!

# Project Title

Students Clubs Management

# Team

* Yan Fung Yenny Hou (MySQL Expert)
* Hector Onato (MS SQL Server Expert)

# Weekly Meeting Hours

We will meet and work on the project every Wednesday from 2:30pm to 4:30pm.

# Project Description

Project description is placed here. This part is used for describing, in non-technical terms, what your project is about. The description can be a few paragraphs to introduce the project to the reader. If you found that the description that was provided to you is not complete or it is not clear, make sure to complete it. If you found the description provided to you by your instructor is complete and clear, just copy paste it here.

# Assumptions about Cardinality and Participations

You can write all the assumptions about Cardinality and Participations (total/partial) here.

* A member can join zero or many groups, and a group can be joined by zero or many members.   
  (Member <-> Group (m:n) – partial)
* A club has at least one group, and a group must belong to only one club   
  (Club <-> Group (1:n) – total)
* A group can organize zero or many events, and an event is organized by only one group  
  (Group <-> Event (1 (total) : n (partial)))
* A group may work on zero or many funded projects, and a project must be handled by only one group   
  (Group <-> Project (1 (partial) : n (total)))
* A student may work on zero or many funded projects, and a project can be handled by one or more students   
  (Student <-> Project (m (partial) : n (total)))

# EER Modeling Diagram

In the following drawing canvas, EER Modeling shapes have been provided. You can copy and replicate them (Ctrl+C to copy and Ctrl+V to paste. You can also select a shape, then press Ctrl button and drag and drop to copy a shape) and edit them to build your diagram.

Entity can be edited

Entity can be edited

Text can be edited

Text can be edited

M

N

1

# ER-Model Mapping to Database Relational Schema

The relational Schema is written here

# Normalization

All relations must be normalized up to BCNF. You must explain why you believe every relation in your database in normalized.

# Determining Data Types (Domain) and Constraints

You explain why you choose a certain data type for a field and why you apply certain constraints

# Creating Database and Tables - SQL DDL

You do not need to copy SQL commands here. Save your SQL commands in a script file and just mention the name of the file here. Make sure the script file is stored besides this document within the same folder.

# Inserting Values in Tables

You do not need to copy SQL commands here. Save your SQL commands in a script file and just mention the name of the file here. Make sure the script file is stored beside this document within the same folder.

# SQL Queries

You do not need to copy SQL commands here. Save your SQL commands in a script file and just mention the name of the file here. Make sure the script file is stored beside this document within the same folder.

# Views

You do not need to copy SQL commands here. Save your SQL commands in a script file and just mention the name of the file here. Make sure the script file is stored beside this document within the same folder.