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**School of Engineering & Technology**

**Asian Institute of Technology**

**AT82.02 - Data Modeling and Management**

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**Lab Report: 1**

**Submitted To Submitted By:**

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# Task 1

Firstly, installing My SQL Server which is a database management system to store data in a structured format and My SQL Workbench which provide a visual console to manage environment of MySQL likely GUI. Then, on home screen, I tested connection to MySQL server by creating a server name as DBS\_123012.

Graphical user interface, text, application

Description automatically generated

# Task 2

**SQL Development**: create and manage connection to database servers. MySQL Workbench provides the capability to execute SQL queries on the database connections using the built-in SQL Editor.

**Data Modeling**: create models of your database schema and edit all aspects of your database using the comprehensive Table Editor.

**Server Administration**: create and manage MySQL server instances by administering users.

# Task 3

In SQL Editor, there are provided as follow:

**Object Browser:** the navigator area of the sidebar contains options to manage the active MySQL connection

**SQL Visual Editor:** a space that can type code

**Query Result:** the result display is caused by the executed command.

**History Output Window:** the result can display the executed queries in the following forms.

**Help Panel:** the panel which show explain the query syntax

I have executed CREATE DATABASE myFirstDB; and USE myFirstDB; then it is success.

Graphical user interface, text, application

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