Final Assignment – Database Systems (ISYS2014)

Justyn Mahen, 21029112

Laboratory -- 8am to 10am Friday

User Guide Cover Page

Report Title: Final Assignment – DBS report

User Guide

This document is a user guide for my implementation of my database for the final assessment of the Database Systems for Semester 2 2023. This assignment was done in a Linux environment on a Linux virtual machine using WSL Ubuntu in VsCode. Run the programs only in a Linux environment.

Note:

There are 2 files that have similar name, Final_Assignment_Commands.sql and Final_Assignment_Commands.out. 1 is a SQL file that creates the whole database and runs all the code while the other is a .out file that shows proof of my work and will show all the sample output from the SQL file. To avoid confusion, this note has been added to the user guide. When following the steps below, ensure to look which type of file is being referenced.

Usage Steps:

1) Unzip the folder and extract the contents

2) Move the unzipped folder into a Linux Environment if you have not put the folder into a Linux environment already.

3) Login to a MySQL terminal in a Linux Environment

4) If you wish, delete \. Final_Assignment_Commands.out to delete the old .out file. It is currently there to show proof of my work. If you wish to see the sample data from a fresh page, simply delete the .out file.

5) Do \. Final_Assignment_Commands.sql to create the database and run all the code.

6) The database will be created and all sample outputs will be in the .out file.

7) To connect to the database first go to PyConnect.py and change credentials accordingly for you.

8) Then go back to a normal non-SQL terminal and do python3 PyConnect.py