Install Ubuntu Server from here : <https://www.ubuntu.com/download/server> v 16.04.1

My specs: -2 GB Memory

-32 GB Storage

-Default everything else through virtual box

Install Ubuntu Desktop on top of Ubuntu server:

-Log into Ubuntu Server

-::sudo apt-get update

-::sudo apt-get install ubuntu-desktop

-::reboot

I hate the unity bar (the appearance of standard Ubuntu desktop) so I changed it:

-Open terminal

-:: sudo apt-get install gnome-session-flashback

-Log off Ubuntu desktop

-Next to user name click the little circle and choose “metrocity”

-Log in

Install Java 8

-Open terminal

-::sudo add-apt-repository ppa:webupd8team/java

-::sudo apt update; sudo apt install oracle-java8-installer

-::sudo apt install oracle-java8-set-default

-:: javac –version

Last command checks your version, should be SE runtime environment is 1.8.0\_121

Install MySQL

-Open terminal

-:: sudo apt-get install mysql-server

-:: sudo apt-get install mysql-client

-:: sudo mysqladmin -u root -p status

Last command shows you MySQL status, should give you some information if you successfully installed

Intall Neo4J

-Open Terminal

-::wget -O - https://debian.neo4j.org/neotechnology.gpg.key | sudo apt-key add -

-::echo 'deb http://debian.neo4j.org/repo stable/' | sudo tee -a /etc/apt/sources.list.d/neo4j.list

-::sudo apt-get update

-::sudo apt-get install neo4j=3.1.2

Installing IntelliJ Idea

Go to : <https://www.jetbrains.com/student/> set up your free student account

Download IDE from here : <https://www.jetbrains.com/idea/download/> get the ultimate edition and use your new account for access

Set up Graph DB support in IntelliJ

-Preferences: Plugins

-“Browse Repositories” button

-Search “graph database support” – install

Pull down a copy of my github for this project so far, my github page is : <https://github.com/zaharacw/EWU_CSCD_527_Project.git>

To Work in MySql

-View – Tool Windows – Databases

$ sudo mysql --user=root mysql;

mysql> CREATE USER 'zaharacw'@'localhost'

mysql> GRANT ALL PRIVILEGES ON \*.\* to 'zaharacw'@'localhost' WITH GRANT OPTION;

–mysql> CREATE DATABASE social\_network\_xsmall;

Query OK, 1 row affected (0.01 sec)

mysql> CREATE DATABASE social\_network\_small;

Query OK, 1 row affected (0.00 sec)

mysql> CREATE DATABASE social\_network\_medium;

Query OK, 1 row affected (0.00 sec)

mysql> CREATE DATABASE social\_network\_large;

Query OK, 1 row affected (0.00 sec)

mysql> USE social\_network\_xsmall;

mysql social\_network\_xsmall < tables\_setup.sql

repeat for all other databases

then there is some stupid nonsense with permissions. Within /etc/mysql and /etc/mysql/mysql.conf.d add ‘secure\_file\_priv=””’ to all files ending in .cnf under a [mysqld] heading

copy all needed load files into /var/lib/mysql/whateverfoldersystemyouwant

USE GENDER

LOAD DATA INFILE ‘foldersystemfromabove/gender.csv’ IGNORE

INTO TABLE GENDER

FIELDS TERMINATED BY ‘,’

IGNORE 1 LINES;

or

mysql social\_network\_xsmall < xsmall\_import.sql