IT6203 Individual Project Database code

Login to mysql

CREATE database wscoville;

USE wscoville;

CREATE USER 'app\_user'@'localhost' IDENTIFIED BY 'my\*password';

CREATE TABLE services (serviceID INT NOT NULL AUTO\_INCREMENT, service varchar(30), primary key(serviceID));

CREATE TABLE Profiles (profileID INT NOT NULL AUTO\_INCREMENT, netID varchar(30), fname varchar(20), lname varchar(20), email varchar(255), email\_notification boolean, postdate timestamp, primary key(profileID));

CREATE TABLE services\_provided (profileID INT NOT NULL, serviceID INT NOT NULL, foreign key (profileID) references profiles(profileID), foreign key (serviceID) references services(serviceID));

CREATE TABLE days (dayID INT NOT NULL AUTO\_INCREMENT, days varchar(10), primary key(dayID));

CREATE TABLE days\_provided (profileID INT NOT NULL, dayID INT NOT NULL, foreign key (profileID) references Profiles (profileID), foreign key (dayID) references days (dayID));

CREATE TABLE timeslots (timeID INT NOT NULL AUTO\_INCREMENT, timeslot varchar(10), primary key (timeID));

CREATE TABLE timeslots\_provided (profileID INT NOT NULL, timeID INT NOT NULL, foreign key (profileID) references Profiles (profileID), foreign key (timeID) references timeslots (timeID));

GRANT SELECT, INSERT, on wscoville.profiles TO ‘app\_user’@’localhost’;

GRANT SELECT on wscoville.services TO ‘app\_user’@’localhost’;

GRANT SELECT on wscoville.days TO ‘app\_user’@’localhost’;

GRANT SELECT on wscoville.timeslots TO ‘app\_user’@’localhost’;

GRANT SELECT, INSERT, on wscoville.services\_provided TO ‘app\_user’@’localhost’;

GRANT SELECT, INSERT, on wscoville.days\_provided TO ‘app\_user’@’localhost’;

GRANT SELECT, INSERT, on wscoville.timeslots\_provided TO ‘app\_user’@’localhost’;

INSERT INTO services (service) values (‘Desktop Repair’);

INSERT INTO services (service) values (‘Laptop Repair’);

INSERT INTO services (service) values (’Java Coding’);

INSERT INTO services (service) values (’PHP Coding’);

INSERT INTO services (service) values (’HTML/CSS Coding’);

INSERT INTO services (service) values (’Javascript’);

INSERT INTO services (service) values (’Windows Help’);

INSERT INTO services (service) values (’Mac OS X Help’);

INSERT INTO services (service) values (’Linux Help’);

INSERT INTO days (days) values (‘Sunday’);

INSERT INTO days (days) values (‘Monday’);

INSERT INTO days (days) values (‘Tuesday’);

INSERT INTO days (days) values (‘Wednesday’);

INSERT INTO days (days) values (‘Thursday’);

INSERT INTO days (days) values (‘Friday’);

INSERT INTO days (days) values (‘Saturday’);

INSERT INTO timeslots (timeslot) values (‘12a-4a’);

INSERT INTO timeslots (timeslot) values (‘4a-8a’);

INSERT INTO timeslots (timeslot) values (‘8a-12p’);

INSERT INTO timeslots (timeslot) values (‘12p-4p’);

INSERT INTO timeslots (timeslot) values (‘4p-8p’);

INSERT INTO timeslots (timeslot) values (‘8p-12a’);

List of tables:

* Services
* Services\_Provided
* Profiles
* Days
* Days\_provided
* Timeslots
* Timeslots\_provided

Services:

* serviceID (pk)
* service

Services\_Provided

* profileID (fk profiles table)
* serviceID (fk services table)

Profiles

* ProfileID (pk)
* netID
* fname
* lname
* email
* email\_notification
* post date

Days

* dayID (pk)
* days

Days\_provided

* profileID (fk profiles)
* dayID (fk days)

Timeslots

* timeID (pk)
* timeslot

Timeslots\_provided

* profileID (fk Profiles)
* timeID (fk timeslots)