**REQUIRES MySQL INSTALLED**

**Logging into database:**

“sudo mysql -u root -p”

Password: “root”

**Creating Database and Tables:**

CREATE DATABASE alexdb;

CREATE TABLE account (

acc\_id INT NOT NULL,

acc\_username VARCHAR(25) NOT NULL,

acc\_password VARCHAR(25) NOT NULL,

PRIMARY KEY(acc\_id));

CREATE TABLE Charity (

ch\_id INT NOT NULL AUTO\_INCREMENT,

ch\_name VARCHAR(25) NOT NULL,

ch\_desc VARCHAR(400) NOT NULL,

ch\_count INT NOT NULL,

ch\_link VARCHAR(100) NOT NULL,

PRIMARY KEY(ch\_id));

CREATE TABLE user (

u\_id int NOT NULL AUTO\_INCREMENT,

u\_name VARCHAR(25) NOT NULL,

u\_rating TINYINT(2) NOT NULL,

u\_comment VARCHAR(150) NOT NULL,

u\_service VARCHAR(40) NOT NULL,

u\_post VARCHAR(15) NOT NULL,

PRIMARY KEY(u\_id));

**Populating Tables:**

INSERT INTO `account` (`acc\_id`,`acc\_username`,`acc\_password`) VALUES ("1","alexdb","alexpassword");

INSERT INTO `Charity` (`ch\_name`,`ch\_desc`,`ch\_count`,`ch\_link`) VALUES ("charity 1 -","Charity Description","0","https://www.google.com/");

INSERT INTO `Charity` (`ch\_name`,`ch\_desc`,`ch\_count`,`ch\_link`) VALUES ("charity 2 -","Charity Description","0","https://www.google.co.uk/");

INSERT INTO `Charity` (`ch\_name`,`ch\_desc`,`ch\_count`,`ch\_link`) VALUES ("charity 3 -","Charity Description","0","https://www.google.cz/");

INSERT INTO `Charity` (`ch\_name`,`ch\_desc`,`ch\_count`,`ch\_link`) VALUES ("charity 4 -","Charity Description","0","https://www.google.ch/");

INSERT INTO `Charity` (`ch\_name`,`ch\_desc`,`ch\_count`,`ch\_link`) VALUES ("charity 5 -","Charity Description","0","https://www.google.ce/");

INSERT INTO `Charity` (`ch\_name`,`ch\_desc`,`ch\_count`,`ch\_link`) VALUES ("charity 6 -","Charity Description","0","https://www.google.us/");

INSERT INTO `Charity` (`ch\_name`,`ch\_desc`,`ch\_count`,`ch\_link`) VALUES ("charity 7 -","Charity Description","1","https://www.google.dk/");

INSERT INTO `Charity` (`ch\_name`,`ch\_desc`,`ch\_count`,`ch\_link`) VALUES ("charity 8 -","Charity Description","0","https://www.google.vn/");

INSERT INTO `Charity` (`ch\_name`,`ch\_desc`,`ch\_count`,`ch\_link`) VALUES ("charity 9 -","Charity Description","0","https://www.google.gr/");

INSERT INTO `Charity` (`ch\_name`,`ch\_desc`,`ch\_count`,`ch\_link`) VALUES ("charity 10 -","Charity Description","0","https://www.google.br/");

INSERT INTO `user` (`u\_id`,`u\_name`,`u\_rating`,`u\_comment`,`u\_service`,u\_post) VALUES ("1","WakaWaka","4","The service was well maintained and relatively cheap. Thank you!","Window Cleaning","true");

INSERT INTO `user` (`u\_id`,`u\_name`,`u\_rating`,`u\_comment`,`u\_service`,u\_post) VALUES ("2","C Expert","4","Considering the price and time, the service is well maintained.","Gutter Cleaning","true");

INSERT INTO `user` (`u\_id`,`u\_name`,`u\_rating`,`u\_comment`,`u\_service`,u\_post) VALUES ("3","Imaginator","5","I love the way you handle with customers! A big applause for Summit!","Window Cleaning","true");

INSERT INTO `user` (`u\_id`,`u\_name`,`u\_rating`,`u\_comment`,`u\_service`,u\_post) VALUES ("4","TexFromHell","3","The cleaning quality was on a good level. However, it was relatively slow.","Fascia Cleaning","true");

INSERT INTO `user` (`u\_id`,`u\_name`,`u\_rating`,`u\_comment`,`u\_service`,u\_post) VALUES ("5","WoogieBoogie","3","Highly recommended service ! Tested on window cleaning and I’m impressed!","Window Cleaning","true");

INSERT INTO `user` (`u\_id`,`u\_name`,`u\_rating`,`u\_comment`,`u\_service`,u\_post) VALUES ("6","Johny","4","A good service provider for pressure washing. Service was cheap and fast as expected.","Pressure Cleaning","true");

INSERT INTO `user` (`u\_id`,`u\_name`,`u\_rating`,`u\_comment`,`u\_service`,u\_post) VALUES ("7","Random user","4","Superb quality cleaning! Definitely will use gutter and other cleaning services in future!","Gutter Cleaning","true");

INSERT INTO `user` (`u\_id`,`u\_name`,`u\_rating`,`u\_comment`,`u\_service`,u\_post) VALUES ("8","Alexa","4","Quick, efficient and top quality service! Highly recommended for anyone needing cleaning.","Pressure Cleaning");

INSERT INTO `user` (`u\_id`,`u\_name`,`u\_rating`,`u\_comment`,`u\_service`,u\_post) VALUES ("9","Annonymous","5","Will definitely call for all of the services again. Very good service Alex!","Window Cleaning","true");

INSERT INTO `user` (`u\_id`,`u\_name`,`u\_rating`,`u\_comment`,`u\_service`,u\_post) VALUES ("10","FunnyPoppy","4","Good clean and cheap service. A very good sense of time. Thank you !","Window Cleaning","false");

**RUNNING THE SERVER**

Open terminal/command prompt and navigate to ‘alexdb’ folder.

**Run command:** ‘npm start’ **to start the server.**

**ACCOUNT INFORMATION**

**Email that sends queries to Alex:**

Username – ‘summitqueryform@gmail.com’

Password – ‘alexpassword123’

**Summit service login:**

Username – ‘alexdb’

Password – ‘alexpassword’