IT2155 – Full Stack Development Project
Project Setup Guide
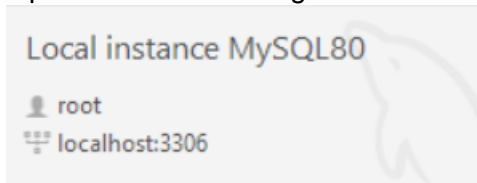
Prerequisites:

1. NodeJS
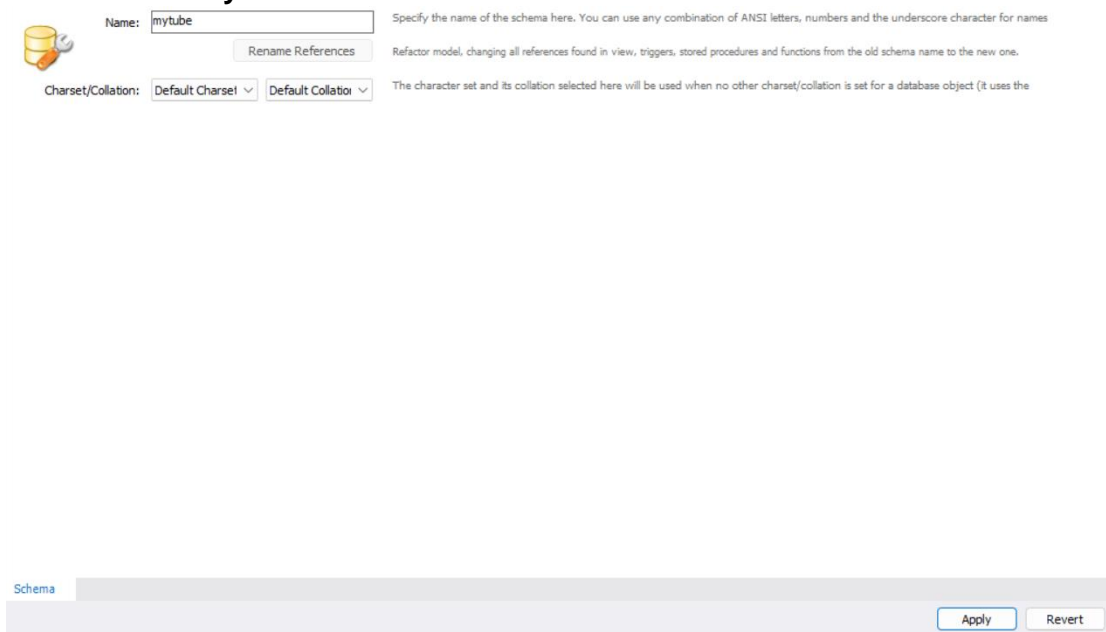2. Visual Studio Code
3. nodemon
4. MySQL Community Server

Please go through the following steps in order.

Step 1 – Set Up MySQL Database:

1. Open MySQL Workbench.
2. Open connection using **root** account:

Local instance MySQL80

👤 root

localhost:3306

3. Create a new schema with the following attribute:
   a. Name: **mytube**

Name: mytube   Specify the name of the schema here. You can use any combination of ANSI letters, numbers and the underscore character for names

Rename References   Refactor model, changing all references found in view, triggers, stored procedures and functions from the old schema name to the new one.

Charset/Collation: Default Charset ∨ Default Collation ∨   The character set and its collation selected here will be used when no other charset/collation is set for a database object (it uses the

Schema

Apply   Revert

4. Create a new user with the following attributes:
    a. Under *Login*:
        i. Login Name: **MyTube**
        ii. Password: **F$DPMyTube**

    b. Under *Administrative Roles*, check the following role and privileges:
        i. **DBManager** (role)
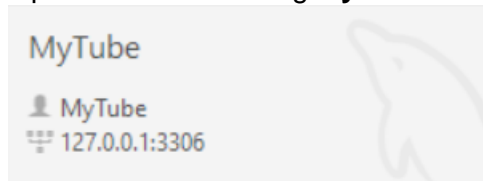   ii. **REFERENCES** (global privileges)

    c. Click 'Apply'.

5. Add a new connection with the following attributes:
    a. Connection Name: **MyTube**
    b. Username: **MyTube**
    c. Default Schema: **mytube**

6. Click 'Test Connection'.
7. Click 'OK'.
8. Open connection using **MyTube** account:

Step 2 – Install Required NodeJS Libraries:

1. Run the following command to install the required NodeJS libraries:
    a. `npm install`

Step 3 – Run the Application

1. Use any of the following commands to run the application:
    a. `node app.js`
    b. `npm start`
    c. `nodemon`
       If you encounter any error running using `nodemon`*, delete the file 'nodemon.ps1' in File Explorer under the file path specified in the error message, then try again.*