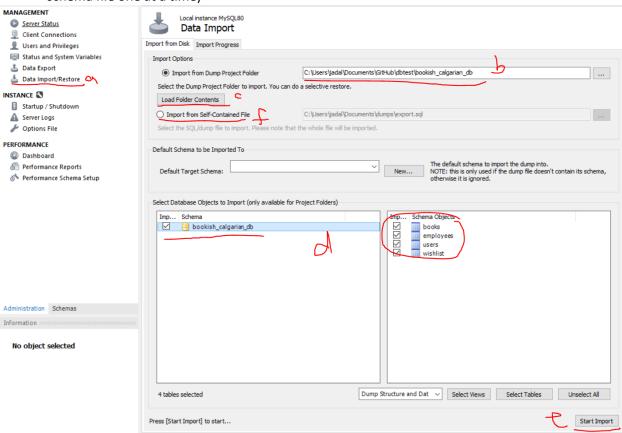The Bookish Calgarian Front End (ReactJS) and Database (MySQL) Setup:

1. Download and install MySQL Workbench (https://dev.mysql.com/downloads/workbench/)
2. Import MySQL database files
   a. Select data Import/Restore
   b. Import database files
   c. 'Load Folder Contents'
   d. Select all Schema Objects from database
   e. Start Import
   f. If there are issues importing schemas all at once try importing self-contained file (each schema file one at a time)

3. Install all dependencies in package.json in both server and client folders
4. In code folders navigate to /dbtest/server/index.js

5. Edit the database information to match the database you imported (specifically the database name you gave it)


```
EXPLORER                          JS books.js        JS store.js        JS index.js   ×        {} package.json

> OPEN EDITORS                    server > JS index.js > [∅] db > 🔧 database
∨ DBTEST                            1    const express = require('express');
   > bookish_calgari...  ●          2    const path = require('path');
   ∨ client                         3    const basicAuth = require('express-basic-auth');
      > node_modules                4    const bodyParser = require('body-parser');
      > public                      5    const cors = require('cors');
      > src                         6    const app = express();
      ◇ .gitignore                  7    const mysql = require('mysql');
      {} package-lock.json          8    const cookieParser = require('cookie-parser');
      {} package.json               9
      ⓘ README.md                  10    const db = mysql.createPool({
      > node_modules               11        host: "localhost",
   ∨ server                        12        user: "root",
      > node_modules               13        password: "test",
      ⚙ .env                       14    💡  databse: "bookish_calgarian_db"
      JS index.js                  15    });
      {} package-lock.json         16
      {} package.json              17    app.use(cors());
      ◇ .gitattributes             18    app.use(express.json());
      ◇ .gitignore                 19    app.use(bodyParser.urlencoded({ extended: true }));
      {} package-lock.json         20
                                   21    app.get('/authenticate/:id&:user_pass', (req, res) =>
                                   22        const user = req.params.id;
                                   23        const pass = req.params.user_pass;
                                   24
                                   25        console.log(user);
```

6. In your Editor (VSCode) open server folder in terminal and run command 'nodemon index.js' to start up server.

7. In your Editor (VSCode) open client filder in terminal and run command 'npm start' to start up front end website.

8. Project should be running! If there are any issues please feel free to contact me at jada.li@ucalgary.ca