**Library Management System**

Below are the instructions to run the project.

**Step 1:** **Download the project**

The project can be found in the following places

* Canvas Submission
* GitHub: <https://github.com/Kishan-Kumar-Zalavadia/FDB_Assignment-2>

**Step 2: Open the project**

* The main folder contains 2 subfolders – frontend and backend.
* Open the frontend folder in VS Code and the backend folder in IntelliJ or Eclipse IDE’s

**Step 3: Setup the project**

* In the application.properties file change the username and password according to your local SQL credentials. (As shown below)

**A screenshot of a computer

Description automatically generated**

**Step 4: Setup Database**

* Create a MySQL database named ‘*lms’* in your local system.
* Use the command ‘create database LMS’ to do so.

**Step 5: Run the** **backend**

* Run the ‘*BackendApplication.java’* file.
* Click on the triangle sign beside ‘*public class BackendApplication’* to run the Java file. (As shown below)

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**Step 6: Load sample data**

* Run the commands given in the ‘*SampleData.sql*’ file.
* NOTE: The queries will not run until the backend is running without any errors.

**Step 7: Run fronted**

* In the terminal type the command *‘ng serve’* to run the frontend.
* Make sure to be inside the ‘frontend’ folder while entering the command’.

**Step 8: View the project**

* To view the project, go to any browser and enter the following URL. (Project URL: <http://localhost:4200/login>)
* To log in as admin enter the following credentials
  + Email: [admin@example.com](mailto:admin@example.com)
  + Password: 123
* NOTE: For these credentials to work, you must have loaded the SQL data as shown in step 6.