Installation Instructions:

1. Flutter Installation:
   * Visit the Flutter installation page: <https://docs.flutter.dev/get-started/install>
   * Follow the instructions to install Flutter for your operating system.
2. Android Studio Installation:
   * Visit the Android Studio installation page: <https://developer.android.com/studio>
   * Follow the instructions to download and install Android Studio for your operating system.
3. MySQL Installation:
   * Visit the MySQL download page: <https://dev.mysql.com/downloads/mysql/>
   * Follow the instructions to download and install MySQL for your operating system.
4. Project Configuration:
   * Once you have installed Flutter, Android Studio, and MySQL, you can download the project code from the source.
   * Open the project code in Android Studio or Visual Studio Code or editor of your choice.
   * If You want to use Database that was already provided, then skip to 5th step.
   * Configure the MySQL database by creating a new database and running the queries in the LMS.sql file to populate the database and replace the connection string in the MyHomePage class in the main.dart file in the lib folder.
5. Build and Run the Project:
   * To build the project, open the command prompt or terminal, navigate to the project directory, and run the command **flutter build apk**.

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* + The build output will be in the build folder.
  + To install and run the app on an Android device, connect your device to your computer and run the command **flutter install**. Make Sure USB debugging is enabled on the device.

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* + Alternatively, you can use the app-release.apk file provided in the build/app/outputs/flutter-apk directory to install the app on your Android device.

That's it! You should now have the project up and running on your Android device.

Versions used:

* Flutter 3.7.11
* Android Studio 4.2
* AWS RDS MySQL Server