SPOTTER
- PROGRAM GUIDE -

SBIT - 2G

Group 1

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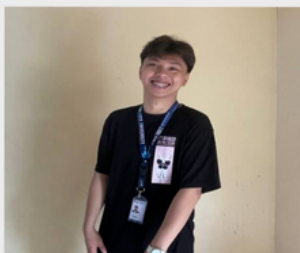- Back-end Developer
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CHAPTER 1 - SETUP

To execute the program successfully, it is needed to configure the Integrated Development Environment (IDE), program (Java Project), and database settings. This chapter will guide you on setting up the following:

- Eclipse IDE
- Importing the necessary JAR files
- Setting up the database using XAMPP (MySql)

You are free to skip this chapter and go to **Chapter 2 - Login** if you think that you already have the above things configured.

Step 1: Download and Install Eclipse IDE

To download and install Eclipse IDE, click here and follow the installation instructions for your operating system.

Step 2: Download the Spotter Java Project

To get started with the program, please download the Java project. In our case, it is included in the zip archive along with other important files.

Step 3: Import the System into Eclipse IDE

To import the project into Eclipse, follow these steps:

1. Open Eclipse IDE
2. Click "File" in the upper-left corner
3. Select "Open Projects from File System"
4. Click "Directory" and choose the extracted "Spotter" folder
5. Click "Finish"
6. You should now see the "Spotter" project in your Project Explorer

Step 4: Import Necessary JAR Files

To import the necessary JAR Files into Eclipse, follow these steps:

1. Right-click on the project (Spotter) and select "Build Path" > "Configure Build Path."
2. A new window should appear. Click "Classpath" and then "Add JARS."
3. Navigate to Spotter > src > resources_JarFiles and select all three JARS.
4. Click "OK" to confirm the selection and add the JARS to the Classpath.
5. Verify that the Classpath now contains the three Jar Files.
6. Click "Apply and Close" to save the changes.

Step 5: Import the Database (SQL File) in XAMPP

To import the database using XAMPP, make sure you have XAMPP installed on your system. Then, follow the steps below:

1. Open the XAMPP control panel and start the Apache and MySQL modules.
2. Open your web browser and navigate to phpMyAdmin by entering "http://localhost/phpmyadmin" in the address bar.
3. Click on the "Import" tab in the phpMyAdmin interface.
4. Click on the "Choose File" button and select the SQL file provided in the Spotter package (spotter_db.sql)
5. Click the "Go" button to import the database.

Note: The sql file provided will create the **entire** database upon import. You just need to import the file. There is no need to manually create a new database.

CHAPTER 2 - LOGIN

The system has two user levels, "student" and "admin." Students can make reservations while the latter manages matters regarding reservations and account registration. This chapter will guide you on how to login to Spotter.

Hello!

Launching the Program

To launch Spotter, make sure that the requirements from the previous chapter are met. Simply run "Main.java" to get the program up and running.

Student Login

Students are allowed to make meeting room reservation requests. Take note that you can create a new account but it needs to be verified first by an admin before the said account can be used. Use the already verified account provided email and password to log in:

- Email: benj.rollan.02@gmail.com
- Password: mabait

Admin Login

Administrators enjoy additional privileges that allow them to effectively manage the System. By logging in as an admin, you will have the ability to approve or decline reservation and registration requests. This ensures smooth coordination and control over the project. To log in as an admin, switch to admin login on the bottom of the window and use the already verified account credentials:

- Email: email@email.com
- Password: ganda