The Core Systems was programmed using NetBeans, the database was created in phpMyAdmin, and the RESTfull API in Visual Studio Code.

The Core system should be run on NetBeans, but other IDEs should also work like, Eclipse or IntelliJ.

\*if using a different IDE you might have to import the gson library, which can be found in the folder ..System/libraries.

1. Install NetBeans from <https://netbeans.org/downloads/8.2/>
2. Install XAMPP from <https://www.apachefriends.org/index.html>
   1. The apache and mysql modules are required.
   2. Make sure to install in a folder where xampp will have full privileges, i.e. not in the root of the main drive, but in the subfolders like program files or desktop.
3. Start NetBeans.
4. Import the Training Management System from ..Systems\Core system\TrainingManagementSystem into NetBeans.
5. Import the Communication System from ..Systems\Core system\CommunicationSystem
6. Start XAMPP Click on
   1. Start Apache
   2. Start MySQL
7. Then click on the ADMIN button for MySQL
8. Click User Accounts on the top navigation bar.
9. Click edit privileges of the user root, hostname localhost
10. Set the password to 1234OU4321
11. Go to the folder were xampp is installed and find the file config.inc.php in the phpMyAdminFolder, open the file in a text editor or html editor of your choice. I use Visual studio code.
12. Change the password on line 21 to 1234OU4321
13. Return to phpMyAdmin
14. On the Left navigation pane select new and create a table with the name “tms” and text encoding of utf8\_general\_ci and press create.
15. Select the newly created table, then on the top navigation bar press import.
16. Click browse and find the file tms.sql in the folder ..Systems\DB press open then Go.
17. Now Go to the folder where xampp is installed and copy the tms\_rest\_api folder from ..Systems\ to ..xampp\htdocs
18. Assuming the Apache server is running and no errors were encountered you should be able to run the project in NetBeans.