



FPT ACADEMY INTERNATIONAL
FPT – APTECH COMPUTER EDUCATION

PROJECT: RGB-Movie

GROUP NO: 5

BATCH: T1.2112.E0

A. SYSTEM REQUIREMENTS:

Sr.	Item	Description
1.	Operating system	Windows 7, 8, or higher
2.	Hardware	CPU Cores or better with 2 Gigabytes of RAM or better
3.	Web Browser	Version in later of: Edge, Firefox, Chrome, etc...
4.	Fonts	Standard font Unicode: Arial, Tahoma, Lucida Console, Times New Roman, etc...
5.	Other requirement	NPM, Git, Visual Studio Code, Spring tool suite or IntelliJ A working internet connection.

B. Program Installation

Step 1. Clone Project to Computer

- Git clone <https://github.com/MrLoc24/Group-3-project-4-RGBMovie.git>

Step 2. Open project with IDE

- Open RGBMovie with Spring tool suite or IntelliJ or any other IDE that run java
- Open frontend folder with VSCode

Step 3. Setup Database

- In this project we use Amazon RDS Database so you don't have to set up database manually, but just in case we are out of money, or 3 months from November 23, 2023, we will shut down database, there is a backup database script in project folder name Database
- Open your Mysql Workbench
- Import data from Database
- Modify connection in RGBMovie application.properties to your database name and password.

Step 4. Run Project

- Run command "yarn dev" to start frontend in VSCode, react will start at localhost:5173

- Press run project in your Java IDE backend, spring project will be start at

localhost:8080/admin, default account: admin, password: 123456

C. Dockerize

- Step 1. Config nginx and docker file**
- Step 2. Run command “docker-compose up”**
- Step 3. Wait for docker compose both backend, front end and nginx proxy server**
- Step 4. Run project at localhost for user, localhost/admin for admin**