

Purpose of the document

The purpose of this document is to describe the installation process of our program. We will go step by step on how you can install and run the necessary files so that everything works as expected. There are two ways of installing the application, so choose only one of the following topics.

1. Running through the artifacts

Firstly, you need the *stockAlote* folder. We assume you already downloaded it to your computer, so just find it and place it wherever you please. In case you don't have access to your file, please get it from our GitLab page: <https://gitlab.com/psw2122/a03/cepejoma>.

You will need to be connected to the FEUP network, either by VPN or locally. This is required for the database functionality to work. A Java SDK version 17 or higher is required.

Then, you may enter the folder, where you will find 3 files: a folder containing the JavaFX libraries (used in GUI applications), the *stockAlote.jar* and a BAT file. To start the program you MUST use the BAT file.

Double click the BAT file and, if prompted, grant administrator permissions to the program. You may also need to open an exception on the firewall, which is necessary to connect to the database.

The program should open normally and a welcoming screen should appear.

2. Running source code in IntelliJ IDE

Before you can run the program, please open the *stockAlote* project file with IntelliJ. Next, go to the Main file located under *stockAlote/src/GUI/*.

Run the Main class using IntelliJ. An error should occur: "JavaFX runtime components are missing, and are required to run this application". To fix this, go on the top menu of the IDE, click on Run, then Edit Configurations. Once that's done, you should see a blue text on the right of the windows saying "Modify options". Click on it and a menu will show up. Select the option "Add VM options". Now, a new text box will appear next to the Java SDK drop down menu. For the error to vanish, insert the following code in this text box:

```
--module-path "javafx-sdk-17.0.1\lib" --add-modules javafx.controls,javafx.fxml
```

Now you may run Main again and everything should work.