



# Instructions

## Project Course in Software Engineering



*Co-Author:* Abdalrahman Dabor

*Co-Author:* Ahmad Anberji

*Co-Author:* Hamza Hajderovic

*Co-Author:* Jacob Yousif

*Co-Author:* Osama Zarraa

*Co-Author:* Sirwan Rasoul

*Semester:* VT 2020

*Area:* Computer Science

*Course Code:* 2DV609

**Contents**

<b>1</b>	<b>Prerequisites</b>	<b>1</b>
1.1	Backend . . . . .	1
1.2	Frontend . . . . .	1
<b>2</b>	<b>Running Instructions</b>	<b>2</b>
2.1	Backend . . . . .	2
2.2	Frontend . . . . .	2
<b>3</b>	<b>Source Code</b>	<b>3</b>

# 1 Prerequisites

The following section describes the prerequisites for the backend and the frontend. To obtain the project with files needed to run, please download the file src.zip from [this link](#).

## 1.1 Backend

- In order to run the application, JDK 11 is required. This can be downloaded from [this link](#)
- Java IDE such as Eclipse or IntelliJ IDEA.
- JRE version 8.

## 1.2 Frontend

- Visual Studio Code version 1.45.
- Node.js version 14.30
- NPM (Node package manager)
- Google Chrome version 84 or later

## 2 Running Instructions

This section describes the steps for running the application.

### 2.1 Backend

- Extract the backend folder from the src.zip.
- Open the project using the IDE.
- Download the project dependencies by using pom.xml file.
- Run the project.
- The project will start on port 8081.

### 2.2 Frontend

- Extract the frontend folder from the src.zip.
- Open the project using the IDE.
- Install packages via command *npm install* that will install the packages required to run the angular application.
- Run script *npm run dev* or by clicking on the NPM Scripts and choosing dev.
- The frontend will run on port 4300.
- Open the web browser with address *http://127.0.0.1:8081*

### **3 Source Code**

The source code that was submitted does not contain the *pom.xml* and the *package.json* files that are required in terms of running the application.

[Click here to download the Source Code with the required files to run the application.](#)