FIMS front-end installation guide

1. Install npm and Node.js

You need npm to build the project from the sources. Npm is coming with Node.js. You can download it here: https://nodejs.org/en/download/
Windows installer: https://nodejs.org/dist/v8.11.2/node-v8.11.2-x64.msi
macOS installer: https://nodejs.org/dist/v8.11.2/node-v8.11.2.pkg
Linux installer: https://nodejs.org/dist/v8.11.2/node-v8.11.2-linux-x64.tar.xz

For Ubuntu:

As the official Ubuntu repositories are rather outdated for Node.js, a PPA based installation is needed. These instructions are based on http://tinyurl.com/jcu797j:
cd ~
curl -sL https://deb.nodesource.com/setup_8.x -o nodesource_setup.sh
sudo bash nodesource_setup.sh
sudo apt-get install nodejs

2. Check that you installed npm correctly

Shell command **node -v** should show your current Node.js version.
The version should be at least 8.11.2
Shell command **npm -v** should show your current npm version.
The version should be at least 5.6.0 or 6.1.0

3. Download and copy the source code into the folder

You can get the source code from git
Shell commands: **git clone https://bitbucket.org/simosol/fims-frontend.git**
For developer branch: git clone -b dev https://bitbucket.org/simosol/fims-frontend.git

4. Install dependencies

Shell command in the sources folder: **npm install**
Shell command in the sources folder: **git submodule update --init --recursive**

5. Make a production build

Shell command in the sources folder: **npm run build**

6. Copying files to the server

Copy all files from **./build/*** folder to your web-server's HTTP root directory

7. Configure HTTPS support

Your web-server must have a certificate to support **HTTPS** connections

8. Run a local test server:

Shell command: **npm start**
The local server will be created and run on http://localhost:3000