**Luminous Onion Setup Guide**

|  |  |
| --- | --- |
| **Project Location:** | <https://gitlab.com/wgu-gitlab-environment/student-repos/zkarpi1/d424-software-engineering-capstone/-/tree/v1> |

# A. Setup and Building

## 1. Prerequisites

Luminous Onion is built with Java 17 and is required to build and during runtime. Maven is the choice build tool while downloads and sets up all the requirements. Maven is included with the project and will scripts. Docker is used to containerize and deploy into a cloud or on-prem environment.

**Required:**

* Java 17+
* Docker

**Technologies Used:**

* Maven
* Springboot 3.1.x - Backend
* Node 19.4.x - Frontend

## 2. Setup

To get started, clone the repo from the project location above using `git clone project\_location . `. Navigate to the new folder with cd luminous-onion. To run locally without docker, use .\mvn spring-boot:run which starts the applications at <http://localhost:8081>

Alternatively, you may run the webapp in docker locally. To build and package locally, you may use the buildAndPackage.sh build scripts or the following the individual commands:

1. .\mvn package to build the jar file
2. docker build -t "zkarpinski/luminous-onion:latest" to create the docker image.
3. docker run -d -p 8081:8081 --name "luminousonion\_test" "zkarpinski/luminous-onion:latest"

You now have an instance of Luminous Onion running locally.

# B. Running App

Once one of the two methods are used to start build and run Luminous Onion, navigate to <http://localhost:8081> to see the home page.

Please see the user guide on how the use the application.

