**ASSESMENT**

To run mvn project:

Clone project from GITHUB:

<https://github.com/benjaminkalombo/assesement.git>

Run mvn clean install

Start application

To view REST service : refer to crud/CsvDataController

<http://localhost:8080/csvdata/>

To view the GUI:

RUN: GuiMain

Please note I used H2 database due to insufficient time to complete the assignment.

**Persist the Graph into an in-memory database:**

Use a suitable ORM tool (JPA or Hibernate)

A screenshot of a cell phone

Description automatically generated

Generate the bindings

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Database binding

A screenshot of a social media post

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**2. Read the file and import it into the DB.**

/service/CsvDataClassService

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**3. Expose the database using a RESTful Webservice**

GET ALL:

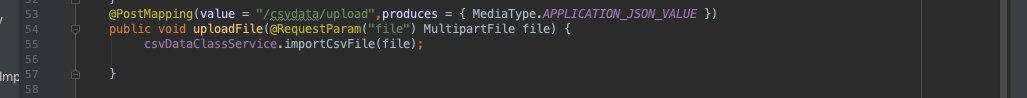
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A screenshot of a social media post

Description automatically generated

POST:



A screenshot of a social media post

Description automatically generated

**4. Implement the algorithm:**

Class=>. /engine/DijkstraAlgorithm

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**6. Create a front end to capture the source and destination and**

**then print the shortest path**

1.Menu

A close up of a map

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ASK THE USER TO CHOOSE:

A screenshot of text

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SHOW SHORTEST PATH

A close up of a logo

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