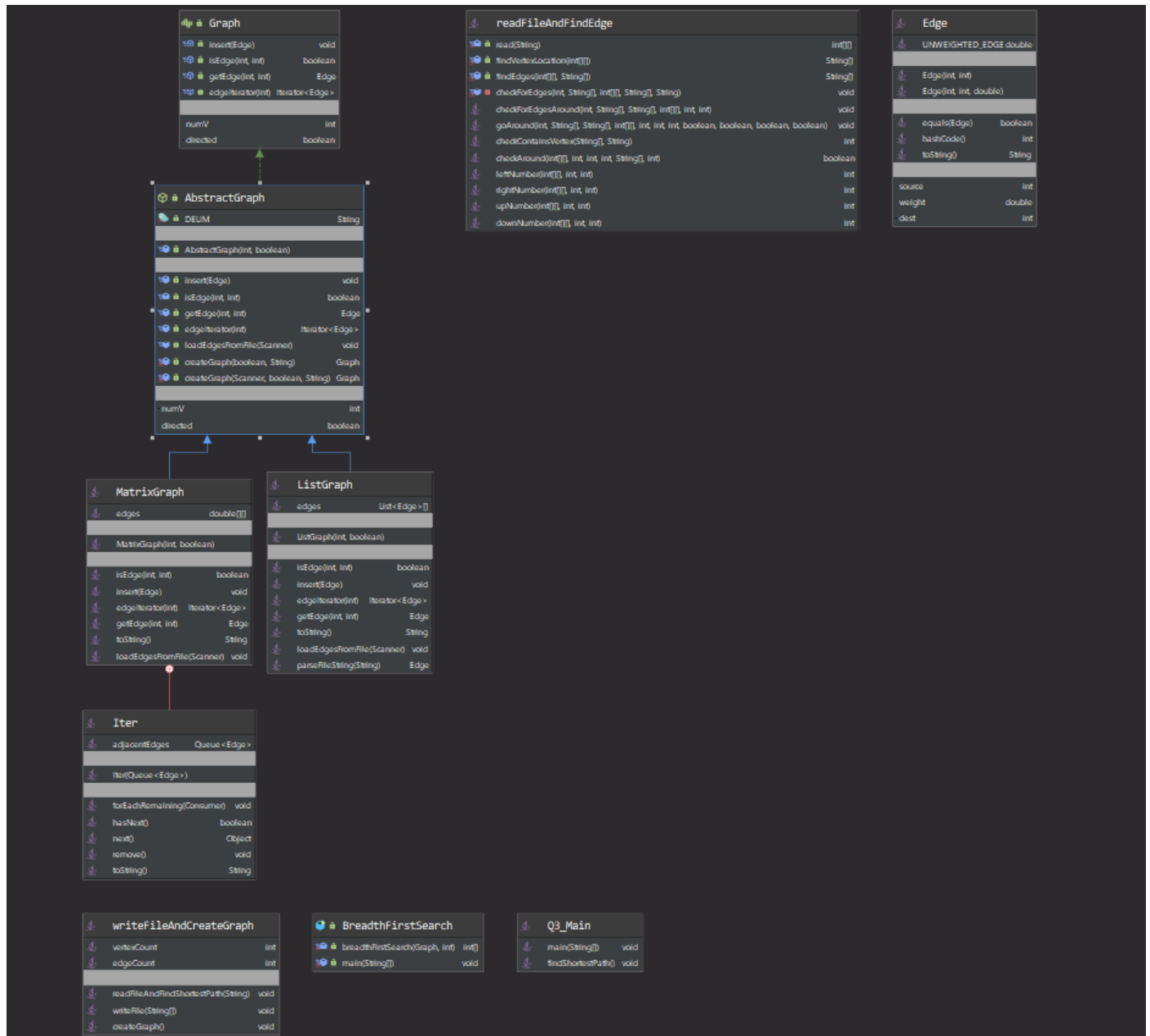


GIT Department of Computer Engineering
CSE 222/505 - Spring 2020
Homework #8 Report

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1 – Class diagrams



2 – Problem solution approach

Q3) First, I read the table from the file. And then i found vertices and edges. And i wrote this edges and theirs weight onto the file that its name output.txt. Finally Thanks to the book implementation(breadth-first search and Listgraph), i created ListGraph and i found the shortest path.

3 – Test cases

Q3)

Test Scenario	Expected Results	Actual Results	Pass/Fail
Find the shortest path	Finds correctly	It has found correctly	Pass

4 – Running command and results

```
Please enter the name of the file you want to read the graph:
```

```
asd.txt
```

```
The shortest path is:
```

```
1
```

```
2
```

```
4
```

```
12
```