

**KULLIYYAH OF INFORMATION & COMMUNICATION TECHNOLOGY**

**CSCI 3302**

**SEMESTER 1, 2022/2023**

**SECTION 2**

**ARTICLE RESEARCH**

**PREPARED BY:**

|  |  |
| --- | --- |
| **NAME** | **MATRIC NO.** |
| MUHAMMAD YUSOFF JAMALUDDIN | 2016799 |

**LECTURER**

MADAM LIYANA

PART I UNDERSTAND FROM THE PAPER

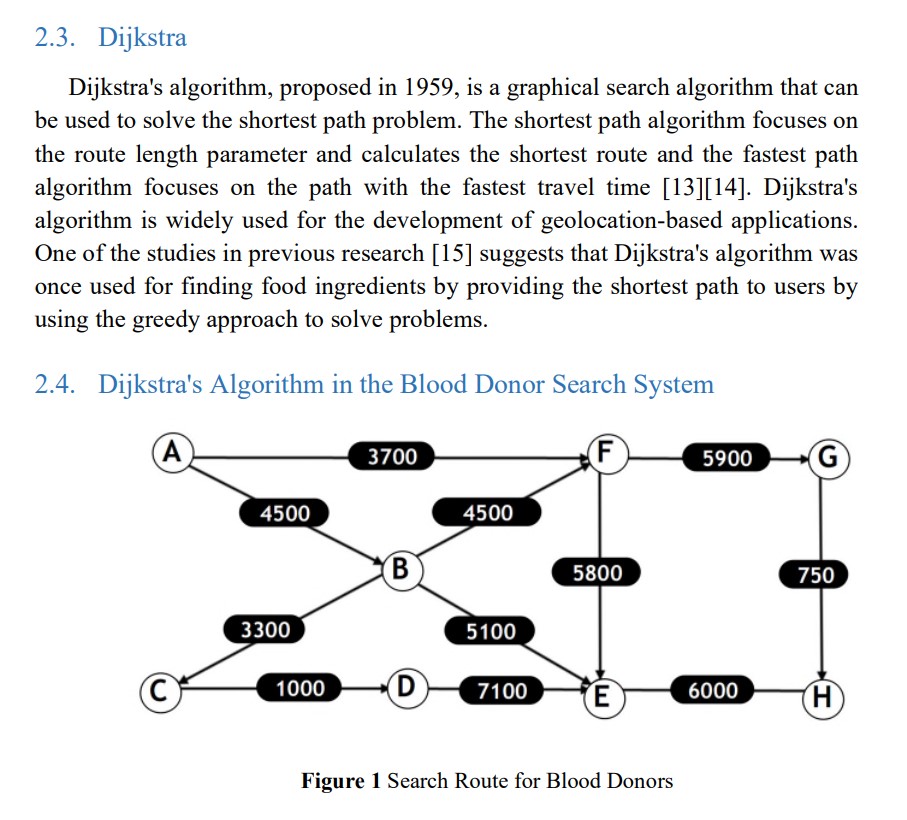


Figure Using Dijkstra in distance estimation as diagram

PART I DON’T UNDERSTAND

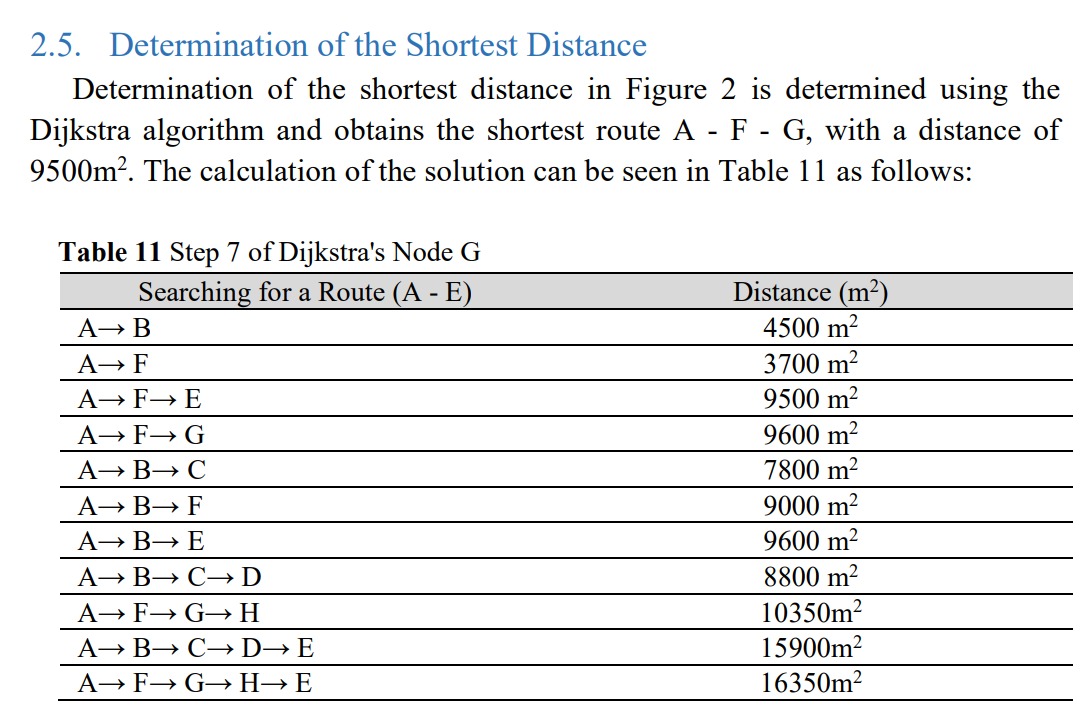


Figure Why calculate the other roads when already found the shortest distance initially?

MODIFIED DIJIKSTRA ALGORITHM

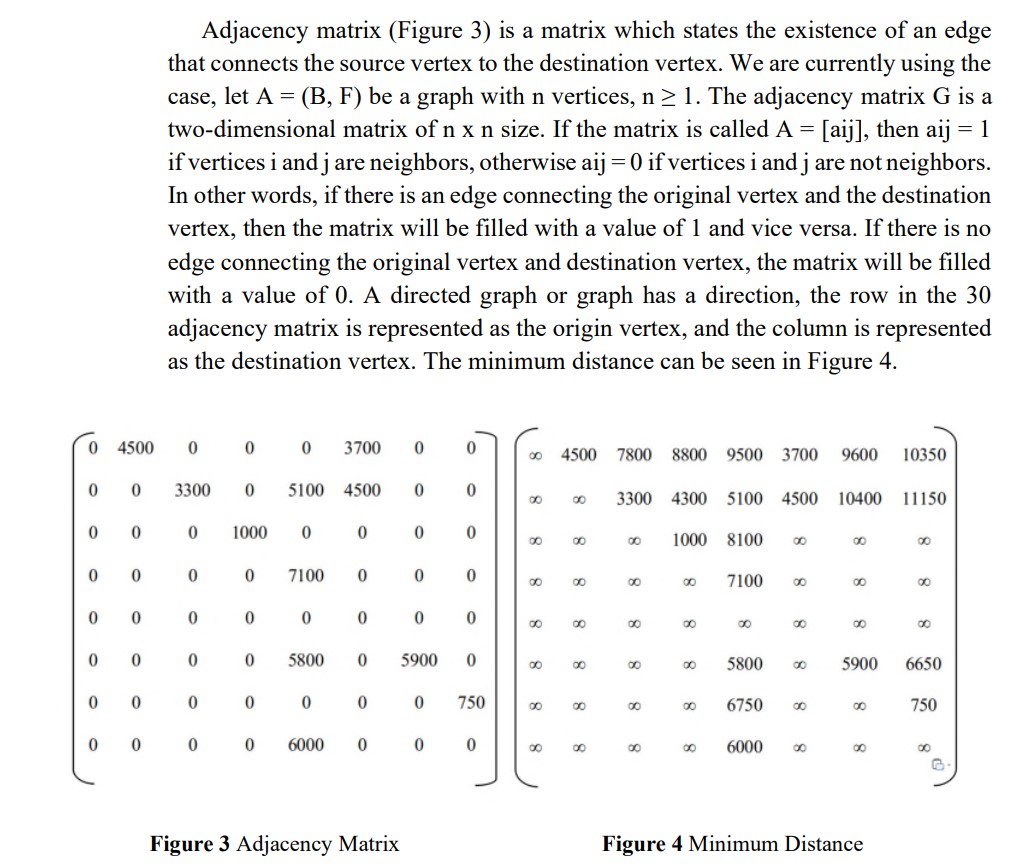


Figure Modified part of the algorithm

The paper using matrix and compare it to the minimum distance it get from the calculation previously