Opponent Report

Dept. of Computer Science & Engineering, RUET

Author of thesis: Shubho Kumar Das & Md. Ali Ashraf

Thesis title: COMPARISON BETWEEN BELLMAN FORD AND DIJKSTRA ALGORITHM IN GIS SYSTEM

Opponent: Mir Mursalin Ankur

1. To what extent does the thesis title reflect the content of the report?

The thesis title reflects much of report.

2. How does the author describe the problem background?

It is mostly understandable for the reader who have basic idea of graph representation in computer science but not much satisfactory for a general reader.

3. Has the author presented the results clearly?

Yes.

4. Do you find the author's conclusions credible?

Yes.

5. Does the literature (References) seem relevant?

Some irrelevant references were seen in the paper. Such as -

i. Reference [4] was not used in paper.

ii. Reference [7] isn't relevant to paper.

iii. Reference [9] mentioned of a website which doesn't give direct access to relevant topic.

iv. There is nothing named igragh viewed in reference [11].

v. References [8] and [13] mentioned same web link which do not have any of the title referred.

6. Which are the strengths and weaknesses of the report?

The paper is mostly understandable but there are some gaudy imperfection. Such as -

i. Punctuation marks were not used correctly so it is tough to understand alongside sentences which is remarkable from abstract.

ii. Algorithm shown in the paper is not vision comfortable.

iii. Negative cycle is a key fact in comparison between both algorithm according to paper. But there is no definition of negative cycle.

iv. Introduction should be more detailed.

7. Is the report plagiarism free?

Yes. Plagiarism is below 30%.

8. Questions to the author(s) (If any) [Optional]:

None.