Abstract

This independent study will analyze the routes that are suitable for the users' need from traffic information real-time of each roads in Bangkok from NECTEC. The result is displayed through web application. The very common limit we found is that there are so many errors for traffic information from NECTEC, which means we not analyze some source and destination. Therefore we can analyze some source and destination only.

There are 2 purposes of this independent study as will be listed below.

1. To suggest the best direction to avoid bad traffic at any current time.
2. To plane ahead the best direction with traffic statistic by traffic information at any current time, which Best-First Search Algorithm (BFS) to help find 1-3 rank direction (One to One) and 2 rank (One to Many) direction given source and destination of choose.

The result of the independent study as will be listed below.

1. We are expecting is users can plan and plan ahead the direction by only follow steps in our application
2. The calculation does not take too long.