

to the TSP would be extremely valuable. There are many methods for implementing TSP. Among them, Nearest Neighbor seems to be one of the quickest solutions to TSP. It is a candidate to be used in case of TSP with big amount of cities which has to be computed in short time.

Google Maps is a Web-based service that provides detailed information about geographical regions and sites around the world. In addition to conventional road maps, Google Maps offers aerial and satellite views of many places. In some cities, Google Maps offers street views comprising photographs taken from vehicles. Google Maps offers several services as part of the larger Web application, as follows.

- A route planner offers directions for drivers, bikers, walkers, and users of public transportation who want to take a trip from one specific location to another.
- The Google Maps application program interface (API) makes it possible for Web site administrators to embed Google Maps into a proprietary site such as a real estate guide or community service page.
- Google Maps for Mobile offers a location service for motorists that utilizes the Global Positioning System (GPS) location of the mobile device (if available) along with data from wireless and cellular networks.
- Google Street View enables users to view and navigate through horizontal and vertical panoramic street level images of various cities around the world.
- Supplemental services offer images of the moon, Mars, and the heavens for hobby astronomers.

Location based services (LBS) is one of the new technologies to gain a position in the geographic presence of mobile devices. The Haversine theorem is used to calculate the lengths of two points on the surface of the earth based on latitude and longitude. Four variables must be prepared to calculate the two distances. It is a method of knowing the distance between two points by taking into account that the earth is not a plane but is a plane of a degree of curvature and has a radius of 6,367.45 km.

1.1 Objectives

The main objectives of the system are as follows:

- To be convenient for visitors who are not familiar with Bagan
- To save time and expenses for visiting in Bagan