ABSTRACT

Growth in the number of motor vehicles in Indonesia at this time more rapidly, such as car and motorcycle users. The growth is very closely associated with all aspects related to fuels such as availability, price, and information on the fuel station itself. Associated with fuel stations or in Indonesia known by the acronym gas station (Fuel Filling Station General), the motor vehicle is in need of information about the location of its existence, especially in times of emergency such as when the availability of fuel in the vehicle tank thinned when the user is traveling outside city (in this case the city of Bandung), because it required a mobile device that can help the user get a gas station that is located close to the position of the user.

In this final project Geographic Information System (GIS) built into iOS-based mobile applications. Geographic Information System (GIS) have the ability to build, store, manage and displaying geographically referenced information, ie data identified according to location, in a database. User position information can be obtained with the help of GPS by providing information on the position coordinates of a place. This application displays a map to see where the user's position and the position of the gas stations taken out of service GoogleMaps. Gas stations and facilities in it are stored in a database. The application also provides services to show the route from the user's position to the position of the pump.

Key : iOS, Fuel Filling Station General, Geographic Information Sytem, Global Positioning System