

ABSTRACT

Location seeking represent matter which often be done by people such as seeking of hotel location, mall, restaurant and others. Conventionally seeking a location can be done by people by seeing at manual map but way of is not efficient, practical and quickly. On the basis of this requirement is made a tool which can assist seeking a location more practical, efficient and quickly by exploiting existing technology.

In this final task developed a application of mobile GIS for location-service that is a application GIS made at peripheral mobile such as smartphone and PDA for location seeking. Application developed by use technology of web service in order to facilitate in integrating a other application into developed application.

Application developed at this final task use technology from .NET mobile application and Mapxtreme and use Mindref Soap Scope to analyse interoperabilitas from developed web service.

Result from this application is amenity in seeking a location of the desired because this application can be accessed by peripheral mobile such as smartphone and PDA user anywhere and whenever. Others the technological use of web service facilitate in enhancing a service into application.

Keyword : Mobile GIS, .NET Mobile Application, MapXtreme and Web Service