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A Mobile Application for Navigation Purpose in UiTM Jasin

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ABSTRACT

Wireless technology is a new method that linking a working computers or mobile devices together without any limitation and cost from the wired networking. This is a turning point for the world who love technology for its beneficial evolution. The usage of the Global Positioning System (GPS) has caught the attention for the developer to exploit the technology where it can be used to fill up the user with the information for any location that is provided. With the evolving development of the mobile computing these days, location sense is applied in order to locate the current location of its user or to show where the user wanted or intended to be. The aim for this research is to develop a fully functioning mobile application model that detects the current location of the user that implements the UiTM Jasin site map while providing the path when the user wanted to go at a specific landmark or building inside the campus .The application developed is called "U-LiFE: A mobile application for navigation purpose in UiTM Jasin". During data collection, the longitude and the latitude of the campus site was taken in order to get the actual area size of the campus site, so that whenever the GPS has collect the user coordinates, the engine in the application will show the current location of the user. This paper representing the actual experimental results that shows the GPS ability to track its user location and the accuracy shown by the GPS through the maps that has been drawn for the application.

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