

Title: Davao Memorial Park Geographic Information System

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ABSTRACT

Nowadays, it is not uncommon for us to see the people using smartphones and tablets everywhere. Most people use it not just as means of communication but also for different kinds of activities such as internet banking, listening to music, watching online movies, making online transactions and finding different places and important locations. As the demands of the society increase towards seeking convenience and fast information acquisition, smarter applications had to be developed to meet those needs.

The necessity to display data on mobile devices continues to grow - especially with the seamless extension of enterprise data onto small screens. As a result, solutions for shortening the data-to-mobile implementation cycle are on the rise, and so the need for mobile and computer development framework. Due to the rise in technological advancement and benefits of using cellphone mobile applications and computers, more and more people are seeing the benefit of embracing these advancements and a fraction of these said that electronic savvy population visits Davao Memorial Park.

In accordance with this, the researchers came up with a study and proposed a Geographical Information System and Android app for these people with relatives buried in Davao Memorial Park. Using the said electronic devices will be their advantage in locating their deceased loved ones.

The desktop and mobile application provide a faster way of locating memorial lots based on the memorial park's data on its occupancy and lot lay out. It is geared towards providing convenience to the family members trying to visit Davao Memorial Park specifically during All Saints and All Souls Day, which is a very popular holiday when people visit and commemorate the life of those who are already dead. The application that we developed will adjunct to the problem that our group had identified and will revolutionize the way we locate using technology which saves time, energy and effort.

Keywords: Geographical Information System, Spatial Database