

Title: D-Tour: A Navigation System or Android Powered Devices

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ABSTRACT

The distinctiveness of the navigation system lies in the fact that it is cheap, accurate and easy way of locating any place. Because of its features, it has become an essential part of any travel. Today we do not need to ask people or follow road signs for directions; the system itself will speak out for the possible routes available. This kind of technology has already changed the field of any business and anyone who has adapted this will become the leader in the marketplace tomorrow. This study is proposed to the City Tourism Operations Office or known as CTOO, a tourism hub in Davao City which is suited with the needs of the proposed project and has been collaborated with other government sectors such as: City Planning and Development Office for the maps, Land Transportation Franchising and Regulatory Board or LTFRB for the Jeepney routes, and Traffic Management Center or TMC for the traffic updates and route plotting. It is a challenge to the Researchers to anticipate a set of diverse concepts to the unfinished issue that deals with finding a solution to what is current and what can be done to make a change for the situation. This mobile application will aid the needs of any commuters visiting the City of Davao. D-tour or Davao tour derived from the word detour which means an alternate route. It is a navigation buddy that ensures you will be on your desired destination as soon as possible giving you the route with its cost of fare. D-tour is supported by Android Operating system and exclusively for the City of Davao

Keywords: Navigation System, Android, Android Powered Devices, Mobile Phones, D-Tour