

*TOUR PLANNING SYSTEM FOR THE CITIES
MUNICIPALITIES OF CAVITE*

Thesis

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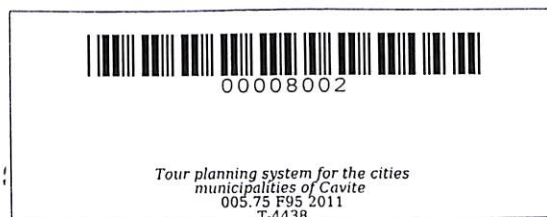
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ABSTRACT

FUGOSO, CHRISTY D. and TANGGOL, MHELBETH S. Tour Planning System for the Cities and Municipalities of Cavite. Undergraduate Thesis, Bachelor of Science in Computer Science. Cavite State University, Indang Cavite. March 2011. Adviser: Mr. Mark Steve V. Poniente.

The study was conducted to create an on-line system entitled “Tour Planning System” which is capable of generating optimal path through different tourist spots in Cavite. The system features an integrated Open Street Map wherein users such as tourists and visitors, can identify routes and obtain informations about these places. Through this, tour planning around every tourist establishments in Cavite is possible.

In the development of the study, the proponents used Prototyping Development Approach Methodology which includes planning, analysis, architectural design, prototype analysis and design, prototype construction, prototype testing and evaluation and additional implementation.

In creating the system, Windows Vista Home Basic was used as the operating system, MySQL Database System (version 5.1) for the database, PHP (Hypertext Preprocessor) as the programming language, Wamp Server 2.0 as the local server, Adobe/Macromedia Dreamweaver for project management and 2007 Microsoft Component for the documentation.

The software was evaluated and all the criteria and objectives were satisfied.

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INTRODUCTION

Cavite province is located south of Luzon covering a land area of 142, 706 hectares and is rich in historical places and natural resources. This is the primary reason why local and foreign tourists or investors visit the province for relaxation and business ventures. In fact, 51,096 visitors arrived in the province from January to June 2008 only and 18,434 or 36.07% of them are foreign visitors (Socio Economic Profile, 2008).

Composed of 19 towns and 4 cities with a number of tourists' attractions, historical sites, museums, golf courses, mountains, industrial states and churches there could be multiple places to sought-after in the province (Socio Economic Profile, 2008). The Traveling Salesperson Problem (TSP) could best represent the problem of finding the