Abstract

Information, no doubt, is something that people interact with in their daily life. Any kind of delivery information has been tried to be developed and provided to people including for information that needs to be acquired mobile, or while being on road. One important type of information is about routes, building locations and their details. This kind of information is much needed especially for the people who move mobile for their business activities. The system is designed to be built into PDA since PDA has been a common device used by business executives and other people.

To build such system, the methodologies used are data research and system development using Visual Studio .NET. The result is a location based service application running on PDA that can be used by PDA users to obtain information on user’s current location and places along with some brief information while they are on the road or outside the buildings.

Based on the evaluation, the system is useful, practical and able to deliver the need for the information. The system can be expanded for broader functionalities and capabilities which will bring more advantageous to the users.

Key Words:

Global Positioning System, Personal Digital Assistant, information, Visual Studio .NET, map, longitude, latitude
PREFACE

The authors wish to send gratitude to God for the accomplishment of this thesis writing. The thesis is prepared to fulfill the requirement to complete the Bachelor study program majoring in Computer Science in Bina Nusantara University.

The authors have tried as best as possible in completing this thesis and realized that the thesis writing is still far from perfection and therefore the authors with modesty appreciate any supporting critics and suggestions from readers.

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Finally, the authors wish that the thesis can be useful for everyone and can be an idea contribution for those who need.

Jakarta, August 2005

Authors
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