PROJECT REPORT

Determining Beach Line Boundaries Using Canny Edge Detector Algorythm

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07.02.0007

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APPROVAL AND RATIFICATION PAGE

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This Project Report has been approved and ratified by Dean of Computer Science Faculty on ……

With The Approval,

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STATEMENT OF ORIGINALITY

I, the undersigned

Name: **Souvianthie Yolanda**

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Hereby certify that the project I made was the result of masterpiece alone and it is not a plagiarism, except those started in print that it taken from other writing. If it is proved in later days that the project is the result of rubbing, hence I settle for sanction.

Semarang, 20 January 2011

Souvianthie Yolanda
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ABSTRACT

Coordinate point has been widely used in determining the geographic position of various objects, including a country's borders. In this project I try to do the first step to determine the boundary of line beach using Java language in order to help solve the problem of determining the boundaries of a country.

Canny Edge Detector algorithm is used to distinguish between land and ocean using a different color so that the point coordinates of the shoreline can be determined. From this first step, the coordinates of border points which are located on the waters or the sea can be clearly included in all the natural resources underneath it.

Keyword : *Canny Edge Detector, Coordinat point, determined color*

FOREWORD

This project has given me a lot of new experience and knowledge about java by using Canny Edge Detector Algorithm and Data Structure.

Every step, the rise and down, the success or failure in doing this project are the thing that I gained during the three and half years covered in collage. I will not be able to complete the project and this report without the help of GOD and a few others.

I take this opportunity to thank:

1. Jesus Christ who always becomes my source spirit, my guide, bless me in every step that i take and allows this to happen.
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5. My best friends, Marco and Meme who have supported me directly or indirectly in working on this project, companion in arms for all these years in college.

6. All my friends who have supported me in working this final project, Aldo, Aurel ('*Hip-hip Hura Hore Emprit*'), and friends of IKOM class 2007 who are also fighting together in this project.
7. And also other parties involved in the construction and completion of this project that i can not mention one by one.

At last, I want to apologize for any mistakes and the lack of this report that i have made in this project. However, I strongly expect criticism and constructive suggestions.

Semarang. 20 January 2010

Souvianthie Yolanda

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