

CHAPTER I

INTRODUCTION

1.1 Background

Chinese postman problem is one another problem in mathematic, so CPP is really important to people that work at mathematic sector, CPP can be another solution for Traveling Salesman Problem. But people does not really care about learning CPP, because people do not want to be bothered. So with this project, CPP on Android they can easily understand how CPP works.

1.2 Scope

This project will be created with the java language programming, using Tabu Search Algorithm. User can simulate route inspection problem or chinese postman problem and the project can create the solution of the graph drawn by the user.

1.3 Objective

The project was created with the Java Language Programming. The algorithm used is Tabu Search algorithm as solution for searcher algorithm.

The purpose of this application is ;

1. Ability to make infinite combination of track.
2. Can solve the problem given by user.
3. Can explain to the user how to solve their problem.