



PROJECT REPORT
Search Locations, Schedules, Routes, and
Recommendations Closest BRT Stop
Semarang by API

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12.02.0024

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FACULTY OF COMPUTER SCIENCE
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APPROVAL AND RATIFICATION PAGE

PROJECT REPORT

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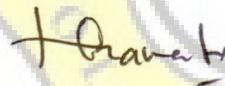
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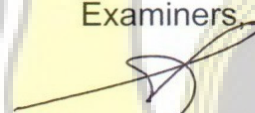
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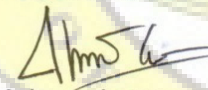
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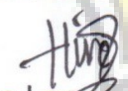
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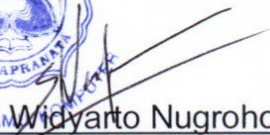
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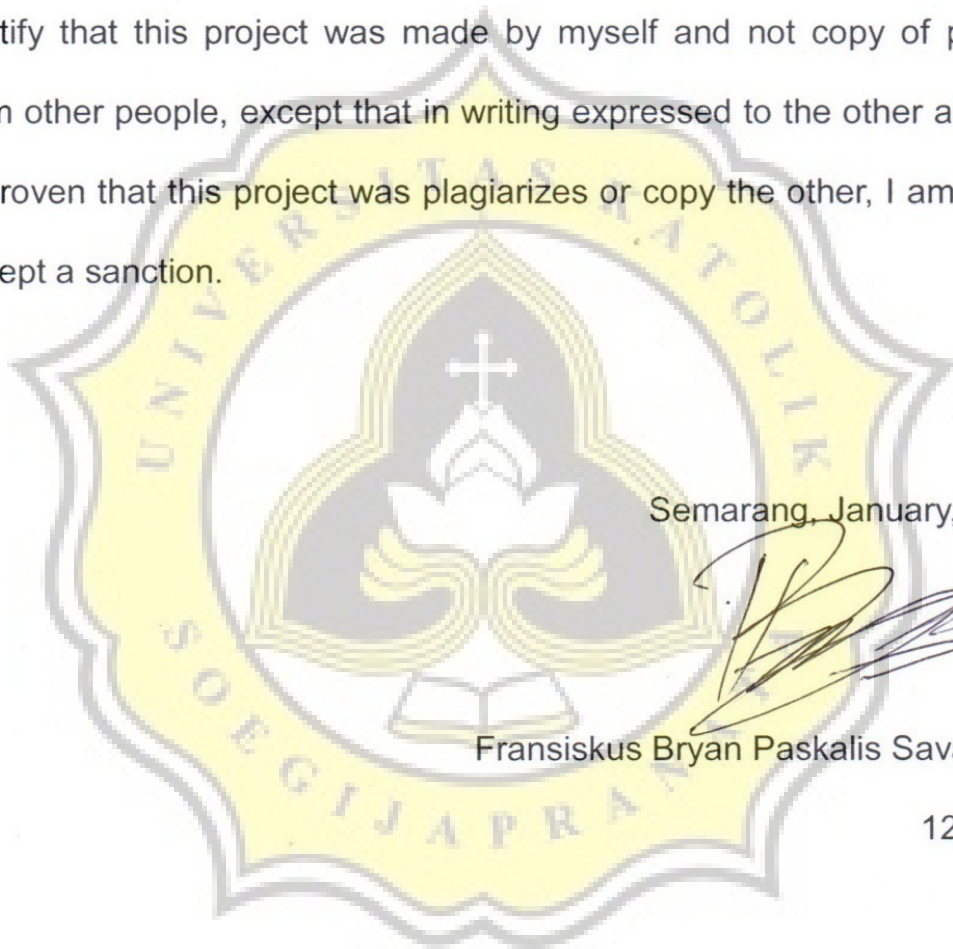
STATEMENT OF ORIGINALITY

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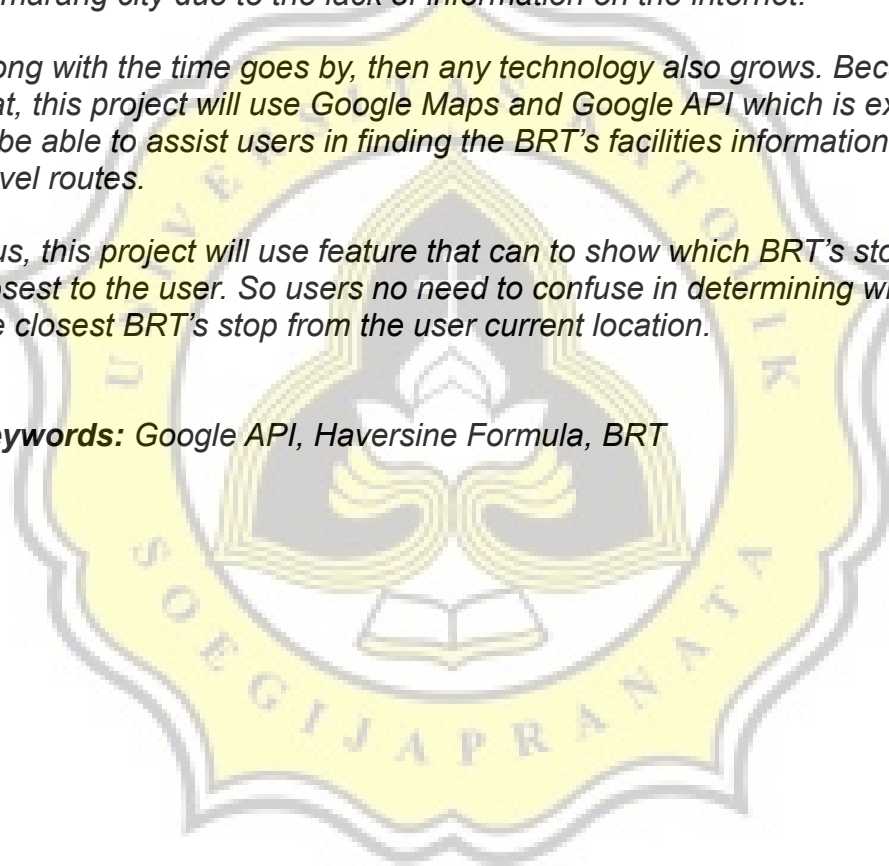
Abstract

BRT is a public transportation that owned by government of Semarang city. For the Semarang's citizens, BRT is already become a requirment as a transport. But not for newcomer or tourists from outside of Semarang that still unfamiliar with the existence of this facility. So that a lot of new comer or tourists who prefer to use the taxi as a choice in travel within the Semarang city due to the lack of information on the internet.

Along with the time goes by, then any technology also grows. Because of that, this project will use Google Maps and Google API which is expected to be able to assist users in finding the BRT's facilities information and travel routes.

Plus, this project will use feature that can to show which BRT's stop is closest to the user. So users no need to confuse in determining where is the closest BRT's stop from the user current location.

Keywords: Google API, Haversine Formula, BRT



PREFACE

In this report contains six chapters. In the first chapter will discuss the introduction of the project, such as background, scope, and objective. In the second chapter will discuss about literature study. Then in the third chapter will discuss the research methodology which describes the plan of making this project.

In the fourth chapter will discuss design on the project, which contains a flowchart to show the flow of process from the operation of the program. In the fifth chapter will discuss about implementation and testing, this chapter would be seen on how the process of the program will run trough the image that appears on the report. And in the sixth chapter will contain conclusion and further research.

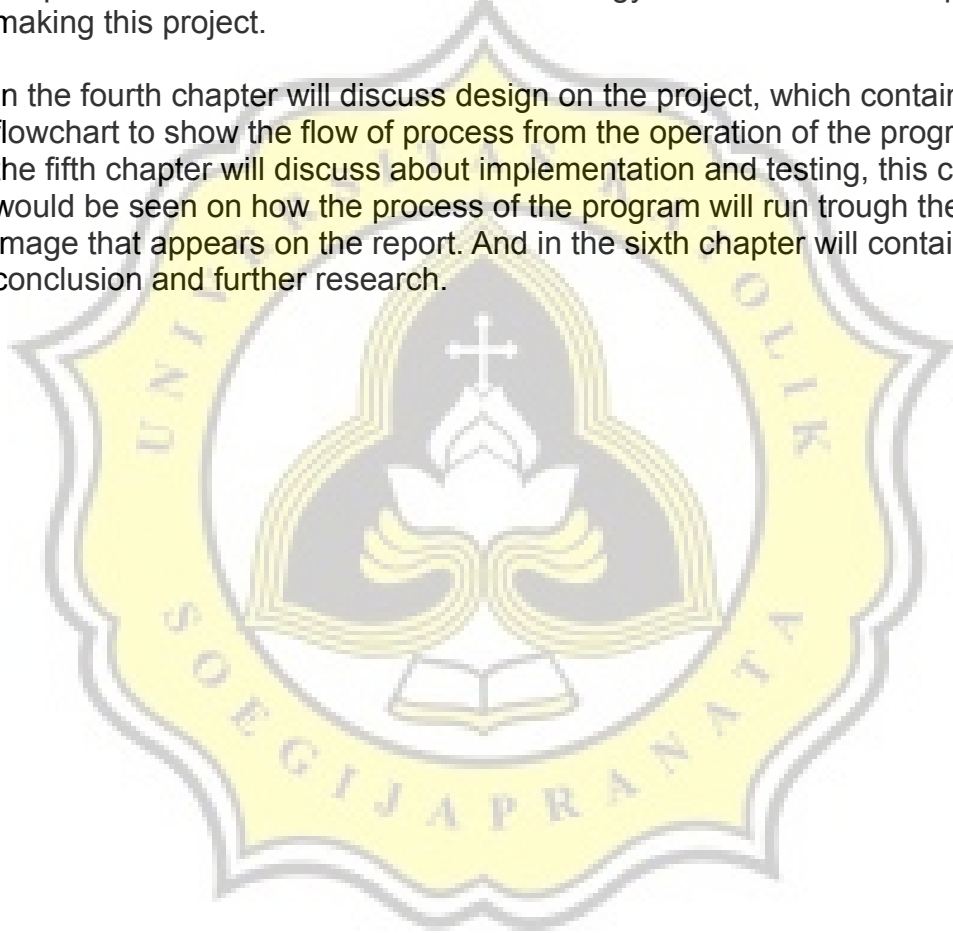


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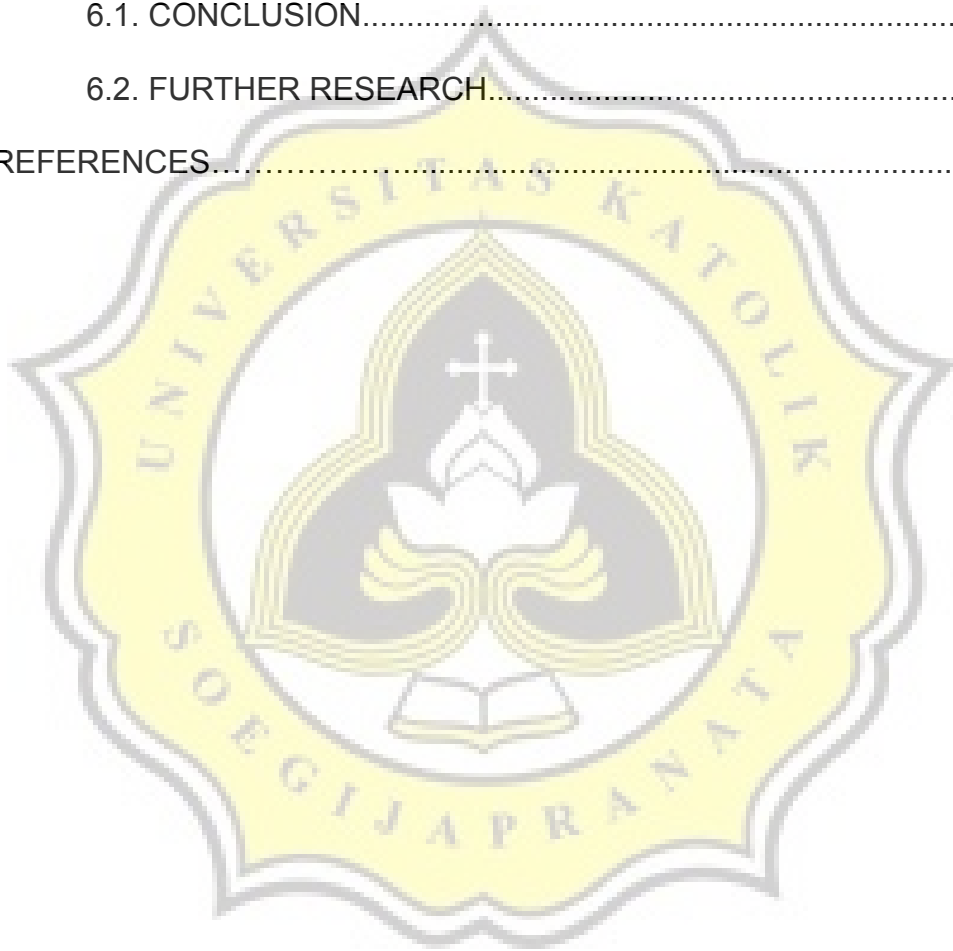


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