

# PROJECT REPORT ONLINE HIGH SCHOOL STUDENT INFORMATION

07.02.0056 Paulus Satrio Dewo

2013

## FACULTY OF COMPUTER SCIENCE SOEGIJAPRANATA CATHOLIC UNIVERSITY

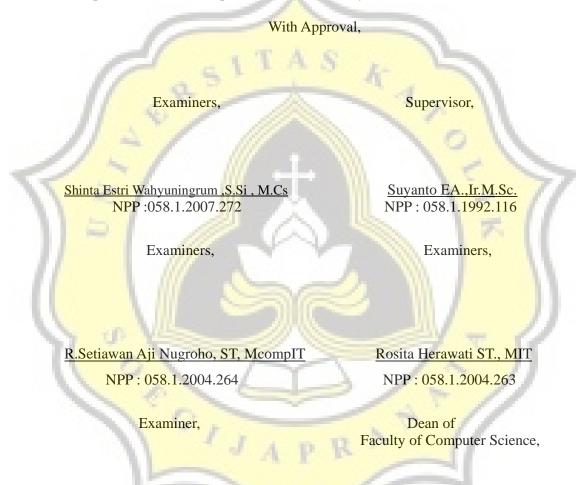
R

GI

Jl. Pawiyatan Luhur IV/1, Bendan Duwur, SEMARANG 50234 Telp. 024-8441555 (hunting) Web: http://www.unika.ac.id Email: <u>ikom@unika.ac.id</u>

## APPROVAL AND RATIFICATION PROJECT REPORT ONLINE HIGH SCHOOL STUDENT INFORMATION

This project report has been approved and ratified by the Dean of faculty of Computer Science and Supervisor on 10<sup>th</sup> January 2013



Hironimus Leong, S.Kom., M.Kom NPP : 058.1.2007.273 Hironimus Leong, S.Kom., M.Kom NPP: 058.1.2007.273

## STATEMENT of ORIGINALITY

Here with, I

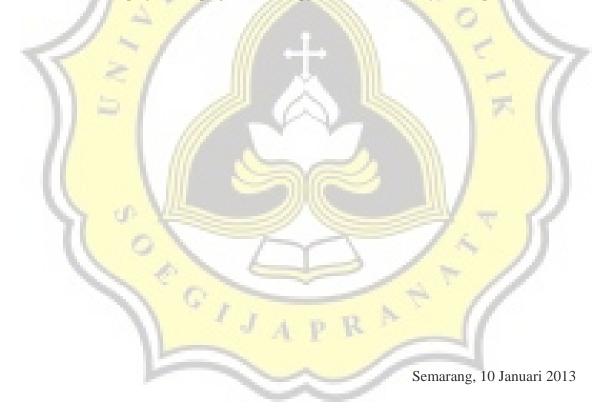
Name

: Paulus Satrio dewo

ID

: 07.02.0056

Certify that this project was made by myself and not copy or plagiarizes from other people, except that in writing expressed to the other article. If it is proven that this project was plagiarisez or copy the other, I'm ready to accept a sanction.



Paulus Satrio Dewo

07.02.0056

#### FOREWORD

First of all I wish a prayer to my God Jesus Christ who has blessed me during the writing of the project "Searching Student With Web-Based and Android Application".

I would like to say thank you to :

1. My family who have supported and prayed for me from start to finish my thesis

2. Mr. Suyanto EA., Ir. M.Sc., as supervisor

3. Mr. Hironimus Leong, S.Kom., M.Kom., The Dean of Faculty Computer Science Soegijapranata Catholic University

4. All Lecturers Faculty of Computer Science Soegijapranata Catholic University Mr.Aji, Mrs.Rosita, Mr. Ridwan, Mrs Shinta Estri Wahyuningrum

5. All of my friends in IKOM who have always supported me

6. And thank you for all who I can not mention one by one.

In completing this report, I am not free from faults and short comings, so if there are errors in the preparation of this report, I asked for constructive criticism and suggestions. Hopefully report can provide benefits to us all.

## **ABSTRACT**

Many things we can do on linux operating system, because linux is an operating system is Open Source (easily expandable). In this first article, I will try to discuss how to configure android application for searching student database from web hosting with android emulator.

Before doing the configuration, make sure that the android emulator has been installed properly. Before install android emulator we need to install JDK and Android platforms advance.

To access student data via android application required an Internet connection and a database that has been built on the free web hosting.

GIJ

Besides online web hosting we also need local such as the apache server as backup data. Free FTP client can be used as an connections between online web hosting and local hosting. I use FileZilla as an FTP client that serve as data transfer.

### **Table of Content**

	Approval and Ratification Page	ii
	Statement of Originality	iii
	Foreword	iv
	Abstract	V
	Table of Content	vi
	Table of Figures	viii
2	Table of Tables	x
	CHAPTER I INTRODUCTION	1
11	1.1 Background	1
	1.2 Scope	1
1	1.3 Objective	2
	CHAPTER II LITERATURE STUDY	3
	2.1 Software Application	3
	2.2 Program Language	4
	CHAPTER III PLANNING	5
	3.1 Research Metodology	5
	3.2 Planning	6

	CHAPTER IV ANALYSYS AND DESIGN	7	
	4.1 Analysys	7	
	4.2 ERD and DFD	8	
	CHAPTER V IMPLEMENTATION AND TESTING	9	
	5.1 Implementation	9	
	5.2 Testing	15	
1	CHAPTER VI CONCLUSION AND FURTHER RESEARCH	26	
2	6.1 Conclusion	26	
11:	6.2 Further Research	27	
11	References	27	
	VI Sar V		
Y	o Verter V v	1	
1	°LOV.	1	
	1 CILLING NO NO NO		
	L APR		

#### **Table of Figures**

Figure 2.1 Planning	6
Figure 4.2.1 ERD	8
Figure 4.2.2 DFD	8
Figure 5.1.1 Hosting	9
Figure 5.1.2 Table	10
Figure 5.1.3 Eclipse	11
Figure 5.1.4 ADT Plugin	12
Figure 5.1.5 Android SDK	13
Figure 5.1.6 Android SDK2	14
Figure 5.2.1 index.php	15
Figure 5.2.2 loginproc.php	15
Figure 5.2.3 Admin View	16
Figure 5.2.4 Member View	16
Figure 5.2.5 index.php	17
Figure 5.2.6 page1.php	18
Figure 5.2.7 input_data.php	20

Figure 5.2.8 cari.php	21
Figure 5.2.9 ftpPut.sh	22
Figure 5.2.10 update.php	23
Figure 5.2.11 crontab-hosting	24
Figure 5.2.12 update table	25
( +S KIN	
JAY/ CON	
< 2/ ( + ) \ L \	77
	1
	IJ.
JAPR	

## Table of Table

Table 2.1 Planning Table	6

