



PROJECT REPORT
MOBILE WEATHER FORECAST INFORMATION BASED ON
LOCATION

Dwi Handoyo S
08.02.0038
2013

FACULTY OF COMPUTER SCIENCE

SOEGIJAPRANATA CATHOLIC UNIVERSITY

Jl. Pawiyatan Luhur IV/I, Bendan Duwur, SEMARANG 50234

Telp. 024-8441555 (hunting) web : <http://www.unika.ac.id>

Email: ikom@unika.ac.id

APPROVAL AND RATIFICATION PAGE

PROJECT REPORT

MOBILE WEATHER FORECAST INFORMATION BASED

ON LOCATION

This Project Report has been approved and ratified by Dean of Computer Science Faculty and Supervisor on 10 January 2013

With Approval.

Examiner,

Hironimus Leong. S.Kom. M.Kom

NPP: 058.1.2007.273

Examiner,

R. Setiawan Aji Nugroho, ST, MCompIT

NPP: 058.1.2004.264

Examiner,

Suvanto EA, Ir.,M.Sc S.Kom, M.Kom

NPP: 058.1.1992.116

Supervisor,

Shinta Estri W. S.Si. M.Cs

NPP: 058.1.2007.272

Examiner,

Rosita Herawati, ST, MIT

NPP: 058.1.2004.263

Dean of Faculty of Computer Science,

Hironimus Leong. S.Kom. M.Kom

NPP: 058.1.2007.273

STATEMENT OF ORIGINALITY

I, the undersigned

Name : **Dwi Handoyo**

NIM : **08.02.0038**

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, January 10, 2013

Dwi Handoyo S

NIM : 08.02.0038



ABSTRACT

Nowdays many people need weather forecast accurately anywhere, anytime. Because now many people working by moving one city to another city, therefore we expect with this weather forecast mobile version many people can open this weather forecast anywhere anytime using device such as handphone and tablet.

This application used xml parse and PHP MySql to save the data. This program is hosted using OOOwebhost after the program is hosted, program will be made in .apk so can be displayed in android.

In this project I will make weather forecast application based on mobile

Keyword: PHP,Crontab, Eclipse



Table of Contents

APPROVAL AND RATIFICATION PAGE	i
STATEMENT AND ORIGINALITY	ii
FOREWORD.....	iii
ABSTRACT	iv
TABLE OF CONTENT.....	v
TABLE OF FIGURE.....	vii
TABLE	
OF	
TABLE	
.....	
viii	
CHAPTER I INTRODUCTION.....	1
1.1 Background.....	1
1.2 Scope.....	1
1.3 Objective.....	1
CHAPTER II LITERATURE STUDY.....	2
2.1 Get Data Using Parsing Method	2
2.2 Background.....	2
2.2.1 PHP My Admin.....	3
2.2.2 My SQL.....	4
2.2.3 File Manager.....	4
2.2.4 Cronjob	5
2.3 Eclipse	5
2.3.1 Installing Java	6
2.3.2 Android SDK Emulator	6
2.3.3 ADT	8
2.4 FTP.....	9
CHAPTER III PLANNING.....	10
3.1 RESEARCH AND METHODOLOGY	10
3.2 PROJECT MANAGEMENT	10
CHAPTER IV ANALYSIS AND DESIGN.....	11
4.1 ANALYSIS.....	11
4.1.1 USE CASE DIAGRAM	11
4.1.2ERD.....	12
4.2 DESIGN.....	12
CHAPTER V IMPLEMENTATION AND TESTING	13
5.1 IMPLEMENTATION.....	13
5.1.1 PHP CODE	13
5.1.1.1 Parsing from XML	13
5.1.1.2 Insert Data to Database	14

5.1.1.3 Searching City	14
5.1.1.4 Searching Date	14
5.1.1.5 Weather Report	15
5.1.1.6 Google API	15
5.1.2 INTERFACE	15
5.1.2.1 Index Interface	15
5.1.2.2 Weather Report	16
5.1.2.3 Searching City	16
5.1.2.4 Searching Date	16
5.2 TESTING	17
5.2.1 Google API Map	17
5.2.2 Search City Result	17
5.2.3 Search Date Result	18
CHAPTER V CONCLUSION AND FURTHER RESEARCH	19
6.1 CONCLUSION	19
6.2 FURTHER RESEARCH	19

