

Flood Monitoring System Using GPS Technology and Android Application

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by

Arby B. Hernandez

John Nicco P. Perez

Jeffrey G. Segal

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TABLE OF CONTENTS

TITLE PAGE	i
APPROVAL PAGE	ii
ACKNOWLEDGEMENT	iii
TABLE OF CONTENTS	iv
LIST OF TABLES	vi
LIST OF FIGURES	vi
ABSTRACT	vii
Chapter 1: INTRODUCTION AND THE PROBLEM	
1.1 Introduction.....	1
1.2 Background of the Study.....	2
1.3 Statement of the Problem.....	4
1.4 Conceptual Framework.....	4
1.5 Significance of the Study.....	6
1.6 Scope and Delimitation.....	7
1.7 Definition of Terms.....	8
Chapter 2: REVIEW OF RELATED LITERATURE	
2.1 Foreign Literature.....	10
Global Positioning System.....	10
Monitoring Weather in Developing Countries.....	11
2.2 Local Literature.....	12
2.3 Foreign Studies.....	13
Preliminary Results of a Low – Cost GPS – Based Glacier.....	14
Monitoring System.....	14
2.4 Local Studies.....	15
Flood Warning System.....	16
2.5 Relevance to the Present Study.....	17
Chapter 3: RESEARCH METHODOLOGY	
3.1 Research Design.....	18
3.2 Research Instrument.....	19

3.3 Data Gathering Procedure.....	20
3.4 Statistical Tools/Treatment of Data.....	20
3.5 System Block Diagram.....	21
3.6 System Flow Chart.....	22

Chapter 4: RESEARCH FINDINGS

4.1 Project Description.....	23
4.2 Prototype Operation.....	24
4.3 System Operation.....	25
4.4 Results.....	26
4.4.1 Speed Test at Tanza Cavite.....	26
4.4.2 Speed Test at Kawit, Cavite.....	28
4.4.3 Speed Test at Imus, Cavite.....	30
4.5 Functionality Test.....	32
4.6 Survey.....	33
4.7 Program Flow Chart.....	35

Chapter 5: SUMMARY, CONCLUSION AND RECOMMENDATION

5.1 Summary.....	37
5.2 Conclusion.....	38
5.3 Recommendation.....	39

REFERENCES.....41

APPENDICES

Appendix A Photo Documentation.....	42
Appendix B Sample of Survey Form.....	43
Appendix C Questionnaire.....	44
Appendix D Cost Benefit Analysis.....	51
Appendix E Data Sheet.....	52
Appendix F Source Code.....	61
Appendix G Letter.....	68
Appendix H Curriculum Vitae.....	73

LIST OF TABLES

Table 4.1	Monitoring Device 1 – Location: Tanza, Cavite.....	26
Table 4.2	Monitoring Device 2 – Location: Kawit, Cavite.....	28
Table 4.3	Monitoring Device 3 – Location: Imus, Cavite.....	30
Table 4.4	Questionnaire.....	34

LIST OF FIGURES

Figure 1.1	Conceptual framework.....	5
Figure 2.1	Flood Warning System.....	15
Figure 3.1	Block Diagram of the Prototype Flood Warning Device.....	21
Figure 3.2	System Flow Chart.....	22
Figure 4.1	Screenshots – Android Application.....	24
Figure 4.2	System Operation Diagram.....	25
Figure 4.3	Screenshots – Location Tanza, Cavite.....	27
Figure 4.4	Screenshots – Location Kawit, Cavite.....	29
Figure 4.5	Screenshots – Location Imus, Cavite.....	31
Figure 4.6	Program Flow Chart.....	35

ABSTRACT

This design project is entitled “Flood Monitoring System using GPS Technology and Android Application”. The main idea/concept of the designed project is to design a flood monitoring system that provides the user with the information of the selected location in Cavite that is affected by flood whether it is passable or not. This device is monitored with the use of Smart phones/Android devices.

In this system, the design was intended for places in Cavite that are usually affected by flood. The study was conceptualized when the group realized the need for a flood warning device for some places in Cavite that are affected by flood. The group considered the areas that was focused into and, hence started carrying out research for the said study. Based on the end result of the research, the group proved the need for the modification and implementation of the said system.