

**STUDENT VIOLATIONS AND INCIDENT REPORTS
TRACKING SYSTEM FOR CAVITE STATE
UNIVERSITY MAIN CAMPUS**

THESIS

**BONG E. VALDEZ
DONNAVEE Z. ZAPANTA**

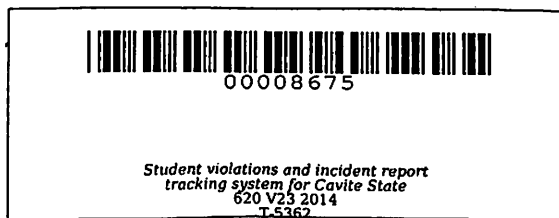
**College of Engineering and Information Technology
CAVITE STATE UNIVERSITY
Indang, Cavite**

April 2014

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In partial fulfilment
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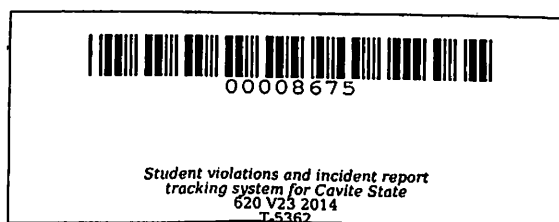


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ABSTRACT

VALDEZ, BONG E. and ZAPANTA, DONNAVEE Z. Student Violations and Incident Reports Tracking System for Cavite State University Main Campus. Undergraduate Thesis. Bachelor of Science in Information Technology. Cavite State University, Indang, Cavite. April 2014. Adviser: Ms. Lydia P. Nosa.

The study, Student Violations and Incident Reports Tracking System for Cavite State University Main Campus, was conducted to help the security officers and faculty counsel to easily report the students who commit violations and incidents and the University of guidance counselor office and the Office of Student Affairs to have the record of those student who violated and their consequences. Through the help of the system, paper based communication is lessen and time spent in giving the report using paper sheets to the Guidance Office is reduced. Moreover, the system will be more effective for the University to have modernized operations and to easily review the information, violations, and incident reports and secure those reports.

First objective was to identify the problems of the existing system through interview, researches, and data gathering. The researchers led to the second objective of the study which was to analyze the problem by using fishbone diagram. The problems identified in the first objective have been analyzed systematically with the use of Fishbone diagram. The researchers conducted the study in terms of design and functionality of the system. The visualization of the system interface was conducted also for this objective wherein the researchers draft the exact interface of the system including the system's homepage, with the menu bar other page design, and buttons. The researchers had their exchange of ideas regarding the design and functionality of the

system as well as the structure of the system, database choosing which is better, more precise, efficient, and reliable for the system.

Conducting the unit, acceptance, and integration test was the fourth objective of the study which is presented in the organization and conducted a series of testing for the acceptable functionality and capability of the system.

And lastly, the objective was also determining the level of acceptability based on the software evaluation of the system. Testing and debugging for each module were executed while being constructed. Integration of the module was done to create a functional system. Debugging was made to the modules to correct errors. After the modules were debugged, the researchers tested again to ensure that no more errors occur.

Software Development Methodology was used as the methodology of the software. It has seven phases which is the following: analyzing/planning, breakdown priority project, Design module, code test/debug, integration of sub procedures, integration with existing system, test/implementation.

The software was developed through the use of different development tools including the following: PHP as scripting language, XAMPP and My Structured Query Language (MYSQL) for Database Management System (DBMS) and Apache for the server and designing an interface using Adobe Dreamweaver; RedKoda 3.0 was used for the diagram design. Microsoft Office Excel and Power Point was used for the document. The researchers satisfied the entire requirement presented in the study's objective.

TABLE OF CONTENTS

	Page
BIOGRAPHICAL DATA	iii
ACKNOWLEDGMENT	v
ABSTRACT	vii
LIST OF TABLES	xi
LIST OF FIGURES	xii
LIST OF APPENDIX TABLES	xiv
LIST OF APPENDIX FIGURES	xv
LIST OF APPENDICES	xvii
INTRODUCTION	1
Statement of the Problem	3
Objectives of the Study... ..	4
Significance of the Study	4
Time and Place of the Study... ..	6
Scope and Limitation of the Study... ..	6
Theoretical Framework... ..	8
Definition of Terms	10
REVIEW OF RELATED LITERATURE	12
METHODOLOGY	21
Materials	21
Software Development Methodology	22

RESULT AND DISCUSSION 24

 System Overview 25

 Software Development Methodology 25

 Complete Module and Integration25

 System Function25

 Software Evaluation 48

SUMMARY, CONCLUSION, AND RECOMMENDATION 54

 Summary 54

 Conclusion 56

 Recommendation 57

REFERENCES58

APPENDICES 59

LIST OF TABLES

Table		Page
1	Mean scores of the perception of participants on the software based on the functionality	48
2	Mean scores of the perception of participants on the software based on the reliability	49
3	Mean scores of the perception of participants on the software based on the usability	50
4	Mean scores of the perception of participants on the software based on the efficiency	51
5	Mean scores of the perception of participants on the software based on the maintainability	52
6	Mean scores of the perception of participants on the software based on the portability	53

LIST OF FIGURES

Figure		Page
1	Theoretical framework of Student Violations and Incident Reports Tracking System... ..	8
2	Software development methodology	22
3	Screen layout of the log-in page	26
4	Screen layout of the homepage upper	27
5	Screen layout of the homepage lower	27
6	Screen layout of the add announcement	28
7	Screen layout of the manage announcement	29
8	Screen layout of the add user form for security officer... ..	30
9	Screen layout of the add user form for faculty counsel	31
10	Screen layout of the add user confirmation for security officer	32
11	Screen layout of the add user confirmation for faculty counsel	33
12	Screen layout of the list of registered users	34
13	Screen layout of the change password	35
14	Screen layout of the add violation	36
15	Screen layout of the add violation confirmation... ..	37
16	Screen layout of the student violations... ..	38
17	Screen layout of the search for student violations	39
18	Screen layout of the view violations of student... ..	40
19	Screen layout of the add incident report... ..	41
20	Screen layout of the incident reports	42

21	Screen layout of the view incident report regarding student	43
22	Screen layout of the manage chairman	44
23	Screen layout of the statistic report... ..	45
24	Screen layout of the sample Php code.. ...	46
25	Screen layout of the tables in MySQL	47

LIST OF APPENDIX TABLES

Appendix Table		Page
1	tbl_announcement	73
2	tbl_chairman	73
3	tbl_report... ..	73
4	tbl_student... ..	.73
5	tbl_user... ..	.74
6	tbl_violation74
7	tbl_violist74
8	Distribution on functionality of the system75
9	Distribution on reliability of the system75
10	Distribution on usability of the system75
11	Distribution on efficiency of the system76
12	Distribution on maintainability of the system76
13	Distribution on portability of the system76

LIST OF APPENDIX FIGURES

Appendix Figure	Page
1	Fishbone diagram for Problem 165
2	Fishbone diagram for Problem 266
3	Fishbone diagram for Problem 367
4	Use Case diagram of Student Violations and Incident Reports Tracking System for Cavite State University Main Campus 68
5	Class diagram of Student Violations and Incident Reports Tracking System for Cavite State University Main Campus 69
6	Database Schema of Student Violations and Incident Reports Tracking System for Cavite State University Main Campus 70
7	Component diagram of Student Violations and Incident Reports Tracking System for Cavite State University Main Campus 71
8	Activity diagram for Account module72
9	Activity diagram for Student Violations module... ..73
10	Activity diagram for Incident Reports module74
11	Activity diagram for Report module75
12	Communication diagram of Student Violations and Incident Reports Tracking System for Cavite State University Main Campus 76
13	Package diagram of Student Violations and Incident Reports Tracking System for Cavite State University Main Campus 77
14	Sequence diagram of Student Violations and Incident Reports Tracking System for Cavite State University Main Campus 78

15 Interaction Overview diagram of Student Violations and Incident
 Reports Tracking System for Cavite State University
 Main Campus 80

16 Gantt Chart of Student Violations and Incident Reports Tracking
 System for Cavite State University

17 Main Campus 81

LIST OF APPENDICES

Appendix		Page
1	Source codes	84
2	Unit testing	133
3	Integration testing	138
4	System testing	139
5	Programming logs	143
6	Software evaluation	146
7	Sample software evaluation	152
8	Interview report	154
9	Certificate of interview	156
10	Certificate from Statistician	158

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An undergraduate thesis submitted to the faculty of the Department of Information Technology, College of Engineering and Information Technology, Cavite State University, Indang, Cavite in partial fulfillment of the requirements for the degree of Bachelor of Science in Information Technology with Contribution No. CEIT-2013-14-117. Prepare under the supervision of Ms. Lydia P. Nosa.

INTRODUCTION

Tracking is the observing of persons on the move and supplying a timely ordered sequence of respective location data to a model. Accurate recording of all record movements is essential if information is to be located quickly and efficiently. One of the main reasons why records are misplaced is because record movements are not recorded. Tracking of records within a records management system is required to enable recovery of the record, monitor usage for the maintenance of systems and security (Jensen, R. C, 2008, p.23). The success of a records tracking system depends on the people using it who should be aware of its importance and be fully acquainted with its operation. It provides advice and guidance on the tracking of records at all stage of information about the numbers of student violations and incident reports inside the university. Tracking record system needs to provide complete and accurate information on all communication which occur in relation to a particular record. An accurate record of such information will