



**WEB-BASED STUDENT SAVINGS MANAGEMENT SYSTEM FOR
EDUCATIONAL INSTITUTIONS**

UNDERGRADUATE THESIS

**Submitted as one of the requirements to obtain
Sarjana Komputer (S.Kom.)**

By:

ALFATYA REFFA REYNALDA

012202000043

**FACULTY OF COMPUTER SCIENCE
INFORMATION SYSTEM STUDY PROGRAM
CIKARANG**

September 2023

PANEL OF EXAMINER APPROVAL

The Panel of Examiners declares that the undergraduate thesis entitled **WEB-BASED STUDENT SAVINGS MANAGEMENT SYSTEM FOR EDUCATIONAL INSTITUTIONS** that was submitted by **Alfatya Reffa Reynalda** majoring in IS from the Faculty of Computer Science was assessed and approved to have passed the Oral Examination on Wednesday, September 6, 2023.

Panel of Examiner



RUSDIANTO ROESTAM

Chair of Panel Examiner



ROSALINA
Examiner I

STATEMENT OF ORIGINALITY

In my capacity as a student of President University and as the author of the final project, I stated below:

Name : Alfatya Reffa Reynalda

Student ID Number : 012202000043

Study Program : Information System

Faculty : Computing

I hereby declare that my final project entitled "**WEB-BASED STUDENT SAVINGS MANAGEMENT SYSTEM FOR EDUCATIONAL INSTITUTIONS**" is to the best of my knowledge and belief, an original piece of work based on sound academic principles. If there is any plagiarism detected in this final project, I am willing to be personally responsible for the consequences of these acts of plagiarism and will accept the sanctions against these acts in accordance with the rules and policies of President University.

I also declare that this work, either in whole or in part, has not been submitted to another university to obtain a degree.

Bekasi, September 6th 2023



Alfatya Reffa Reynalda

SCIENTIFIC PUBLICATION APPROVAL FOR ACADEMIC INTEREST

As an academic community member of the President's University, I, the undersigned:

Name : Alfatya Reffa Reynalda

Student ID number : 012202000043

Study program : Information System

For the purpose of development of science and technology, certify, and approve to give President University a non-exclusive royalty-free right upon my final report with the title:

**WEB-BASED STUDENT SAVINGS MANAGEMENT SYSTEM FOR
EDUCATIONAL INSTITUTIONS**

Approach With this non-exclusive royalty-free right, President University is entitled to converse,to convert, manage in a database, maintain, and publish my final report. There are to be done with the obligation from President University to mention my name as the copyright owner of my final report. This statement I made in truth.

Bekasi, September 6th 2023



Alfatya Reffa Reynalda

ADVISOR APPROVAL FOR JOURNAL/INSTITUTION'S REPOSITORY

As an academic community member of the President's University, I, the undersigned:

Name : Genta Sahuri, S.Kom., M.Kom.

ID Number : 20181000777

Study program : Information System

Faculty : Computing

Declare that following Final Project:

Title of Final Project : WEB-BASED STUDENT SAVINGS MANAGEMENT
SYSTEM FOR EDUCATIONAL INSTITUTIONS

Final Project author : Alfatya Reffa Reynalda

Student ID number : 012202000043

will be published in the **journal/institution's repository/proceeding/unpublish.**

Bekasi, September 6th 2023



Genta Sahuri

TURNITIN

WEB-BASED STUDENT SAVINGS MANAGEMENT SYSTEM FOR EDUCATIONAL INSTITUTIONS

ORIGINALITY REPORT



PRIMARY SOURCES

1	repository.president.ac.id Internet Source	3%
2	www.emerald.com Internet Source	1%
3	www.coursehero.com Internet Source	<1%
4	Submitted to Barnet and Southgate College Student Paper	<1%
5	Submitted to Huddersfield New College Student Paper	<1%
6	Submitted to City University of Hong Kong Student Paper	<1%
7	Submitted to Kolej Universiti Poly-Tech MARA Student Paper	<1%
8	Submitted to Middle East College of Information Technology Student Paper	<1%

GPT ZERO CHECK

Your text is likely to be written entirely by a human

There is a 5% probability this text was entirely written by AI

The nature of AI-generated content is changing constantly. As such, these results should not be used to punish students. While we build more robust models for GPTZero, we recommend that educators take these results as one of many pieces in a holistic assessment of student work. See our [FAQ](#) for more information.

GPTZero Model Version: [2023-08-19](#)

Stats

Average Perplexity Score: 105.037

A document's perplexity is a measurement of the randomness of the text

Burstiness Score: 84.587

A document's burstiness is a measurement of the variation in perplexity

Your sentence with the highest perplexity, "Final Project Advisor Ronny Juwono, S.Pd., M.T.", has a perplexity of: 326

ABSTRACT

Financial management systems have evolved significantly in recent years, exploiting technological and automation breakthroughs. Financial management systems now provide diverse features and capabilities to assist firms in properly managing their finances. This provides real-time reporting capabilities, giving users the most up-to-date information on financial performance, cash flow, and other vital parameters. Interactive dashboards and visualizations make financial data easier to interpret and measure progress toward goals. In financial management systems, user experience and convenience of use have become critical issues. Attractive interfaces and user-friendly navigation make it easy for users, even those with less financial knowledge, to use the system and complete financial management activities. A school financial system for student savings is a specific platform or software developed to ease and manage students' savings activities within a school. It offers students a controlled and secure environment to deposit and track their savings. This final project proposal intends to present a web-based application to process data and help reduce manual calculations for all transactions (deposits, receipts, and payments), as well as to prevent incorrect calculations and keep reports organized. This reduces paperwork and eliminates the requirement for physical presence.

Keywords: *Web-based application, Financial, Student Saving.*

ACKNOWLEDGEMENT

This final project wouldn't have been possible without God's grace, which granted the author health and unconditional love. The author also would like to express appreciation to those who have supported to completion of this project.

1. I am eternally grateful to my family for their unwavering encouragement and support, especially to my father (Ridwan Fauzie) and mother (Prasetyaningsih), who never stop praying for my success and providing encouragement to keep me focused and committed to achieving my goals.
2. I would like to thank my Final Project advisor (Genta Sahuri, S.Kom, M.Kom.), whose guidance, expertise, and insightful observations have influenced this research endeavour. Your mentorship and commitment to my academic development have been crucial to my development as a researcher.
3. I am particularly grateful for the guidance and support of all my lecturers in President University. The impact you have made on my academic journey is immeasurable, and I am honoured to have been a beneficiary of your wisdom and guidance.
4. I am grateful to TKIT AL Manshuriyyah for allowing me to use one of the school activities, student savings, as the topic of my final project. And hopefully, the development of this web-based application will proceed as planned.
5. I would like to extend my heartfelt gratitude to my closest friend (Dayan Adil), whose unwavering presence and support have illuminated even the most challenging phases of my Final Project journey. Your unwavering belief in my abilities has been a guiding light throughout the late-night study sessions, brainstorming discussions, and moments of academic uncertainty. To all my friends who cheered me on, shared a laugh, and reminded me that life extends beyond the confines of academia, your friendship has been a cherished treasure. Your presence has eased the challenges and amplified the joys of this journey. As this Final Project comes to fruition, I am profoundly grateful for your unwavering friendship. The memories we've created and the lessons we've shared are invaluable components of this chapter in my life.

Due to the limitations and obstacles encountered, the author acknowledges that this final project is still imperfect. With all due respect, the author apologizes and is willing to take criticism and suggestions from all parties to improve this final project.

TABLE OF CONTENTS

ABSTRACT	i
DEDICATION	ii
ACKNOWLEDGEMENT	iii
TABLE OF CONTENTS	iv
LIST OF FIGURES.....	vi
LIST OF TABLES.....	x
CHAPTER I INTRODUCTION	1
1.1 Background	1
1.2 Problem Statement	1
1.3 Objectives	2
1.4 Scopes and Limitations	2
1.4.1 Scopes.....	2
1.4.2 Limitations	3
1.5 Project Methodology	3
1.6 Final Project Outline	5
CHAPTER II LITERATURE STUDY	7
2.1 Financial Management System.....	7
2.2 Web-based Application	7
2.3 React JS and Laravel.....	8
2.4 Related Work	9
2.4.1 Journal.....	9
2.4.2 Student Saving Manual Transaction.....	9
2.4.3 Comparison with Related Work.....	9
CHAPTER III SYSTEM ANALYSIS.....	11
3.1 System Overview.....	11
3.2 Functional Analysis.....	11
3.3 Hardware and Software Requirements	12
3.3.1 Hardware Requirements	12
3.3.2 Software Requirement.....	12
3.4 Use Case Diagram	14
3.5 Use Case Narrative	15
3.6 Swimlane Diagram.....	32
CHAPTER IV SYSTEM DESIGN.....	41
4.1 User Interface Design	41
4.1.1 Login Page	41
4.1.2 Dashboard Page	42
4.1.3 Student Data Page.....	42

4.1.4 School Page	44
4.1.5 Teacher Page	45
4.1.6 User Page	46
4.1.7 Transaction Page.....	48
4.1.8 Transaction History Page.....	49
4.1.9 Student Report Page.....	50
4.2 Physical Design.....	51
4.3 Entity Relationship Diagram	51
4.4 Class Diagram	52
CHAPTER V SYSTEM IMPLEMENTATION	53
5.1 User Interface and Source Code	53
 5.1.1 Login Page	53
 5.1.2 Dashboard Page	55
 5.1.3 Student Data Page.....	60
 5.1.4 School Data Page.....	69
 5.1.5 Teacher Page	73
 5.1.6 User Page	80
 5.1.7 Transaction Page	87
 5.1.8 Transaction History Page.....	90
 5.1.9 Student Report Page.....	91
 5.1.10 Email Notification Page	93
5.2 Application Details.....	94
CHAPTER VI SYSTEM TESTING AND EVALUATION	96
6.1 Testing Environment	96
6.2 Testing Scenarios	97
 6.2.1 Login Page	97
 6.2.2 Student Data Page	101
 6.2.3 School Data Page	108
 6.2.4 Teacher Data Page.....	113
 6.2.5 User Page	120
 6.2.6 Transaction Page	126
 6.2.7 Transaction History Page	132
 6.2.8 Student Report Page	135
CHAPTER VII CONCLUSION AND FUTURE WORK	139
REFERENCES	

LIST OF FIGURES

Figure 1.1 Rapid Application Development (RAD)	3
Figure 3.1 Use Case Diagram for Web-Based Student Savings Management System.....	14
Figure 3.2 Swimlane Diagram for Log In.....	33
Figure 3.3 Swimlane Diagram for Manage User	34
Figure 3.4 Swimlane Diagram for Manage Student Data	35
Figure 3.5 Swimlane Diagram for Manage School.....	36
Figure 3.6 Swimlane Diagram for Manage Teacher.....	37
Figure 3.7 Swimlane Diagram for Create Deposit Transaction.....	38
Figure 3.8 Swimlane Diagram for Create Payment Transaction	39
Figure 3.9 Swimlane Diagram for Print Report	40
Figure 4.1 Wireframe Design for Login Page.....	41
Figure 4.2 Wireframe Design for Dashboard.....	42
Figure 4.3 Wireframe Design for Student Data Page	42
Figure 4.4 Wireframe Design for Add and Edit Student	43
Figure 4.5 Wireframe Design for Details Student	43
Figure 4.6 Wireframe Design for School Data Page.....	44
Figure 4.7 Wireframe Design for Add and Edit School.....	44
Figure 4.8 Wireframe Design for Teacher Data Page.....	45
Figure 4.9 Wireframe Design for Add and Edit Teacher.....	45
Figure 4.10 Wireframe Design for Details Teacher.....	46
Figure 4.11 Wireframe Design for User Page.....	46
Figure 4.12 Wireframe Design for Add and Edit User	47
Figure 4.13 Wireframe Design for Details User	47
Figure 4.14 Wireframe Design for Transaction Page	48
Figure 4.15 Wireframe Design for Add Transaction	48
Figure 4.16 Wireframe Design for Transaction History Page	49
Figure 4.17 Wireframe Design for Details Transaction History	49
Figure 4.18 Wireframe Design for Student Report Page	50
Figure 4.19 Wireframe Design for Details Student at Student Report.....	50
Figure 4.20 ERD of Web-Based Student Savings Management System for Educational Institutions .	51
Figure 4.21 Class Diagram of Web-Based Student Savings Management System for Educational Institutions	52
Figure 5.1 User Interface of Login Page.....	53
Figure 5. 2 Source Code of Login Form	54
Figure 5.3 Source Code of Handle Submit Function for Login Process	55
Figure 5.4 User Interface of Headmaster's Dashboard Page	56
Figure 5.5 Source Code for Number of Students, Current Balance and Number of Users.....	56
Figure 5.6 Source Code of Student Table on The Dashboard Page.....	57
Figure 5.7 User Interface of Headmaster's Dashboard Page when the “MORE” Button is clicked.....	57
Figure 5.8 Source Code of Details Student Dialog on The Dashboard Page.....	58
Figure 5.9 User Interface of Headmaster's Dashboard Page when The Navigation Button is Opened	58
Figure 5.10 Source Code of Navigation.....	59
Figure 5.11 User Interface of Admin's Dashboard Page	60
Figure 5.12 Source Code of Menu Button	60
Figure 5.13 Source Code of The Action Button in The Add Student Dialog	63
Figure 5.14 Source Code of Function for Add Student Process	64

Figure 5.15 User Interface of Student Data Page when More Button is clicked	65
Figure 5.16 User Interface of Student Data Page when Edit Button is clicked	65
Figure 5.17 Source Code of The Action Button in The Edit Student Dialog	66
Figure 5.18 Source Code of The Action Button in The Edit Student Dialog	67
Figure 5.19 User Interface of Student Data Page when Delete Button is clicked.....	68
Figure 5.20 Source Code of Delete Student Dialog.....	68
Figure 5.21 User Interface of School Data Page.....	69
Figure 5.22 User Interface of School Data Page when Add Button is clicked	70
Figure 5.23 Source Code of The Action Button in The Add School Dialog	70
Figure 5.24 Source Code of Function for Add School Process	70
Figure 5.25 User Interface of School Data Page when Edit Button is clicked	71
Figure 5.26 Source Code of The Action Button in The Edit School Dialog.....	71
Figure 5.27 Source Code of Function for Edit School Process.....	72
Figure 5.28 User Interface of School Data Page when Delete Button is clicked.....	72
Figure 5.29 Source Code of Delete School Dialog.....	73
Figure 5.30 User Interface of Teacher Data Page	74
Figure 5.31 User Interface of Teacher Data Page when The Search Bar is Used(1)	74
Figure 5. 32 User Interface of Teacher Data Page when The Search Bar is Used(2)	74
Figure 5.33 Source Code of the Search Bar in The Teacher Page	75
Figure 5.34 User Interface of Teacher Data Page when Add Button is clicked	75
Figure 5. 35 Source Code of The Action Button in The Add Teacher Dialog.....	76
Figure 5. 36 Source Code of Function for Add Teacher Process.....	76
Figure 5. 37 User Interface of Teacher Data Page when More Button is clicked.....	77
Figure 5. 38 User Interface of Teacher Data Page when Edit Button is clicked.....	77
Figure 5.39 Source Code of The Action Button in The Edit Teacher Dialog.....	78
Figure 5. 40 Source Code of Function for Edit Teacher Process.....	78
Figure 5. 41 User Interface of Teacher Data Page when Delete Button is clicked.....	79
Figure 5. 42 Source Code of Delete Teacher Dialog	79
Figure 5. 43 User Interface of User Data Page	80
Figure 5. 44 User Interface of User Data Page when Regist Here Button is clicked.....	81
Figure 5. 45 Source Code of The Action Button in The Regist User Dialog.....	81
Figure 5. 46 Source Code of Function for Regist User Process.....	82
Figure 5. 47 User Interface of User Data Page when More Button is clicked	83
Figure 5. 48 User Interface of User Data Page when Edit Button is clicked	83
Figure 5. 49 Source Code of The Action Button in The Edit User Dialog	84
Figure 5. 50 Source Code of Function for Edit User Process	85
Figure 5. 51 User Interface of User Data Page when Delete Button is clicked	86
Figure 5. 52 Source Code of Delete User Dialog.....	86
Figure 5. 53 User Interface of Transaction Page.....	87
Figure 5. 54 Source Code of the Deposit and Payment Button in Table	87
Figure 5. 55 User Interface of Transaction Page when The Search Bar is Used(1).....	87
Figure 5. 56 User Interface of Transaction Page when The Search Bar is Used(2).....	88
Figure 5. 57 Source Code of the Search Bar in The Transaction Page	88
Figure 5. 58 User Interface of Transaction Page when Setoran Button is clicked.....	88
Figure 5. 59 Source Code of the Setoran Button in Form.....	89
Figure 5. 60 User Interface of Transaction Page when Payment Button is clicked	89
Figure 5. 61 Source Code of the Payment Button in Form.....	89
Figure 5. 62 User Interface of Transaction History Page.....	90

Figure 5. 63 User Interface of Transaction History Page when More Button is clicked	90
Figure 5. 64 User Interface of Transaction History Page when Delete Button is clicked.....	91
Figure 5. 65 User Interface of Student Report Page	91
Figure 5. 66 User Interface of Student Report Page when More Button is clicked	92
Figure 5. 67 User Interface of Student Report Page when Print Button is clicked.....	92
Figure 5. 68 Source Code of The Action Button for Print in The Student Detail Dialog	93
Figure 5. 69 User Interface of Student Report Page when Print Button is clicked	93
Figure 5. 70 Source Code of Function for Edit User Process	93
Figure 5. 71 User Interface of Student Report Page when Print Button is clicked.....	94
Figure 5. 72 Source Code of Function for Edit User Process	94
Figure 5. 73 Source Code of Router	95
Figure 6. 1 Testing Scenario of Login Page – Scenario 1.1.....	98
Figure 6. 2 Testing Scenario of Login Page – Scenario 1.2.....	98
Figure 6. 3 Testing Scenario of Login Page – Scenario 2.....	98
Figure 6. 4 Testing Scenario of Login Page – Scenario 3.1.....	99
Figure 6. 5 Testing Scenario of Login Page – Scenario 3.2.....	99
Figure 6. 6 Testing Scenario of Login Page – Scenario 4.1.....	100
Figure 6. 7 Testing Scenario of Login Page – Scenario 4.2.....	100
Figure 6. 8 Testing Scenario of Login Page – Scenario 5.....	101
Figure 6.9 Testing Scenario of Student Data Page – Scenario 1.....	103
Figure 6.10 Testing Scenario of Student Data Page – Scenario 2.1.....	103
Figure 6.11 Testing Scenario of Student Data Page – Scenario 2.2.....	104
Figure 6.12 Testing Scenario of Student Data Page – Scenario 3.....	104
Figure 6.13 Testing Scenario of Student Data Page – Scenario 4.1.....	105
Figure 6.14 Testing Scenario of Student Data Page – Scenario 4.2.....	105
Figure 6.15 Testing Scenario of Student Data Page – Scenario 5.....	105
Figure 6. 16 Testing Scenario of Student Data Page – Scenario 6.....	106
Figure 6. 17 Testing Scenario of Student Data Page – Scenario 7.....	106
Figure 6. 18 Testing Scenario of Student Data Page – Scenario 8.....	107
Figure 6. 19 Testing Scenario of Student Data Page – Scenario 9.....	107
Figure 6. 20 Testing Scenario of Student Data Page – Scenario 10.....	108
Figure 6. 21 Testing Scenario of School Data Page – Scenario 1.....	109
Figure 6. 22 Testing Scenario of School Data Page – Scenario 2.....	110
Figure 6. 23 Testing Scenario of School Data Page – Scenario 3.....	110
Figure 6. 24 Testing Scenario of School Data Page – Scenario 4.....	111
Figure 6. 25 Testing Scenario of School Data Page – Scenario 5.....	111
Figure 6. 26 Testing Scenario of School Data Page – Scenario 6.....	112
Figure 6. 27 Testing Scenario of School Data Page – Scenario 7.....	112
Figure 6. 28 Testing Scenario of School Data Page – Scenario 8.....	113
Figure 6. 29 Testing Scenario of Teacher Data Page – Scenario 1	115
Figure 6. 30 Testing Scenario of Teacher Data Page – Scenario 2.1	115
Figure 6. 31 Testing Scenario of Teacher Data Page – Scenario 2.2	116
Figure 6. 32 Testing Scenario of Teacher Data Page – Scenario 3	116
Figure 6. 33 Testing Scenario of Teacher Data Page – Scenario 4	117
Figure 6. 34 Testing Scenario of Teacher Data Page – Scenario 5	117
Figure 6. 35 Testing Scenario of Teacher Data Page – Scenario 6	118
Figure 6. 36 Testing Scenario of Teacher Data Page – Scenario 7	118
Figure 6. 37 Testing Scenario of Teacher Data Page – Scenario 8	119

Figure 6. 38 Testing Scenario of Teacher Data Page – Scenario 9.....	119
Figure 6. 39 Testing Scenario of User Data Page – Scenario 1	121
Figure 6. 40 Testing Scenario of User Data Page – Scenario 2	122
Figure 6. 41 Testing Scenario of User Data Page – Scenario 3	122
Figure 6. 42 Testing Scenario of User Data Page – Scenario 4	123
Figure 6. 43 Testing Scenario of User Data Page – Scenario 5	123
Figure 6. 44 Testing Scenario of User Data Page – Scenario 6	124
Figure 6. 45 Testing Scenario of User Data Page – Scenario 7	124
Figure 6. 46 Testing Scenario of User Data Page – Scenario 8	125
Figure 6. 47 Testing Scenario of User Data Page – Scenario 9	125
Figure 6. 48 Testing Scenario of Transaction Page – Scenario 1	127
Figure 6. 49 Testing Scenario of Transaction Page – Scenario 2.1	128
Figure 6. 50 Testing Scenario of Transaction Page – Scenario 2.2	128
Figure 6. 51 Testing Scenario of Transaction Page – Scenario 3	128
Figure 6. 52 Testing Scenario of Transaction Page – Scenario 4.1	129
Figure 6. 53 Testing Scenario of Transaction Page – Scenario 4.2	129
Figure 6. 54 Testing Scenario of Transaction Page – Scenario 5	130
Figure 6. 55 Testing Scenario of Transaction Page – Scenario 6.1	130
Figure 6. 56 Testing Scenario of Transaction Page – Scenario 6.2	131
Figure 6. 57 Testing Scenario of Transaction Page – Scenario 7	131
Figure 6. 58 Testing Scenario of Transaction History Page – Scenario 1	133
Figure 6. 59 Testing Scenario of Transaction History Page – Scenario 2.1	133
Figure 6. 60 Testing Scenario of Transaction History Page – Scenario 2.2	134
Figure 6. 61 Testing Scenario of Transaction History Page – Scenario 3	134
Figure 6. 62 Testing Scenario of Transaction History Page – Scenario 4	135
Figure 6. 63 Testing Scenario of Student Report Page – Scenario 1	136
Figure 6. 64 Testing Scenario of Student Report Page – Scenario 2.1	136
Figure 6. 65 Testing Scenario of Student Report Page – Scenario 2.2	137
Figure 6. 66 Testing Scenario of Student Report Page – Scenario 3	137
Figure 6. 67 Testing Scenario of Student Report Page – Scenario 4	137
Figure 6. 68 Testing Scenario of Student Report Page – Scenario 5.1	138
Figure 6. 69 Testing Scenario of Student Report Page – Scenario 5.2	138

LIST OF TABLES

Table 2. 1 Table of Comparison with Related Project	9
Table 3.1 Table of Functionalities of Web-Based Student Saving Management System.....	11
Table 3. 2 Table of Hardware Requirements	12
Table 3.3 Table of Software Requirements	12
Table 3.4 Use Case Narrative for Login	15
Table 3.5 Use Case Narrative for Manage User	16
Table 3.6 Use Case Narrative for Manage Student Data	18
Table 3.7 Case Narrative for Search Student Data	20
Table 3. 8 Use Case Narrative for Manage School.....	21
Table 3.9 Use Case Narrative for Search School.....	23
Table 3.10 Use Case Narrative for Manage Teacher	24
Table 3.11 Use Case Narrative Search Teacher.....	27
Table 3.12 Use Case Narrative for Manage Transaction	27
Table 3.13 Use Case Narrative for Manage History of Transaction.....	30
Table 3. 14 Use Case Narrative for Manage Student Report.....	31
Table 4.3 Software and Hardware Requirements of The Application.....	51
Table 6. 1 Testing Scenario of Login Page.....	97
Table 6.2 Testing Scenario of Student Data Page.....	101
Table 6. 3 Testing Scenario of School Data Page	108
Table 6. 4 Testing Scenario of Teacher Data Page	113
Table 6. 5 Testing Scenario of User Page	120
Table 6. 6 Testing Scenario of Transaction Page.....	126
Table 6.7 Testing Scenario of Transaction History Page.....	132
Table 6.8 Testing Scenario of Student Report Page	135