



**DESIGN AND DEVELOPMENT OF A CUSTOMER-CASHIER INTERACTION
PLATFORM: A WEB-BASED E-CASHIER MANAGEMENT SYSTEM FOR
ORDERING AND TRANSACTION SYSTEM**

UNDERGRADUATE THESIS

Submitted as one of the requirements to obtain

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**FACULTY OF COMPUTER SCIENCE
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CIKARANG**

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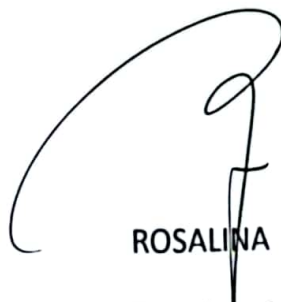
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**DESIGN AND DEVELOPMENT OF A CUSTOMER-CASHIER
INTERACTION PLATFORM: A WEB-BASED E-CASHIER
MANAGEMENT SYSTEM FOR ORDERING AND TRANSACTION
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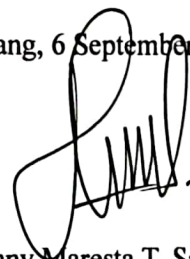
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ABSTRACT

The impact of technological advancements is not limited to modern digital games. Rather, these innovations are permeating numerous other industries, such as the industrial and commercial sectors, as well as small businesses and home-based enterprises. In modern times, individuals are tasked with performing their work responsibilities with efficacy, swiftness, precision, and exactness. Therefore, in order to facilitate the completion of work tasks, it is essential to equip individuals with advanced technological devices, such as computers and application information systems, that are tailored to their specific work requirements in their respective fields.

This project aims to explore strategies for enhancing the efficiency of menu service provision to improve the quality of restaurant or cafe services. This project application uses the web-based system that has been developed, with a focus on the business process between customers, cashiers, and administrators. The system will adopt E-Cashier management via the internet in order to make the transactional activity that occurs between the customer and the cashier more integrated, automated, informative, and free from fraud. It will be designed to have attributes that can support any transaction in the restaurant or café cashier management industry in Indonesia.

DEDICATION

I would like to dedicate my final project to my almighty god, my family, my friends, my advisor, and my lectures who support and help through the process of this project

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“Therefore I tell you, whatever you ask for in prayer, believe that you have received it, and it will be yours.”

[Mark 11:24]

First and foremost, I would like to thank Jesus Christ for His blessings and love, which have always helped me to survive and succeed during my time at President University. Now I am nearing the end of my bachelor's degree program, with the completion of my final project named "Design and Development of A Customer-Cashier Interaction Platform: A Web-Based E-cashier Management System for Ordering and Transaction System" as the final requirement for graduation.

Throughout in university life I would not able to survive without support from my surrounding. Therefore, I would like to express my sincere gratitude, especially for:

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The author recognizes that this final project is still far from ideal, owing to the author's limits in knowledge and experience, which Author must upgrade again in order to move forward. Having said that, the author is very open to constructive criticism and advice from any source. Wishing that anyone who reads author's final project finds it useful.

TABLE OF CONTENT

ABSTRACT.....	i
DEDICATION.....	ii
ACKNOWLEDGMENTS	iii
TABLE OF CONTENT	v
LIST OF FIGURE.....	vii
LIST OF TABLES.....	ix
CHAPTER 1 INTRODUCTION.....	1
1.1 Background	1
1.2 Problem Statement	3
1.3 Research Objectives	4
1.4 Scope of Limitation.....	5
1.5 Thesis Methodology.....	5
1.6 Thesis Outline	7
CHAPTER II LITERATURE STUDY	9
2.1 Cashier	9
2.2 Point Of Sale	12
2.3 Theoretical Framework	14
2.3.1 PHP	14
2.3.2 MySQL	17
2.4 Related Works.....	18
2.4.1 Moka POS	18
2.5 Comparison	19
BAB III SYSTEM ANALYSIS	20
3.1 System Overview	20
3.2 Software and Hardware Requirements	20
3.3 Use Case Diagram.....	21
3.4 Use Case Narrative.....	23
3.5 Swimlane Diagram.....	42
3.5.1 Customer Swimlane	42
3.5.2 Administrator and Cashier Swimlane	47
BAB IV SYSTEM DESIGN	70

4.1 System User Interface	70
4.1.1 Customer Page	70
4.1.2 Administrator and Cashier Page	74
4.2 System Database Design	79
4.2.1 Entity Relation Diagram (ERD)	79
4.2.2 Database Table	81
BAB V SYSTEM IMPLEMENTATION.....	88
5.1 System Interface Development.....	88
5.1.1 Customer Page	88
5.1.2 Admin and Cashier Page	93
5.2 Application Detail	106
5.2.1 Customer Application Details	106
5.2.2 Admin and Cashier Application Details	109
BAB VI SYSTEM TESTING	123
6.1 Testing Environment.....	123
6.2 Testing Scenario.....	124
6.2.1 Customer Module.....	124
6.2.2 Admin and Cashier Module.....	125
BAB VII CONCLUSION AND FUTURE WORK	130
7.1 Conclusion	130
7.2 Future Work	130
REFERENCES	132

LIST OF FIGURE

Figure 1. 1 Waterfall Method.....	6
Figure 2. 1 Moka Backoffice Application	19
Figure 3. 1 Use Case Diagram for E-Cashier Mangement System	22
Figure 3. 2 Non Membership Customer Login Diagram	43
Figure 3. 3 Membership Customer Login Diagram.....	44
Figure 3. 4 Customer Transaction Diagram.....	45
Figure 3. 5 Get Menbership Diagram	46
Figure 3. 6 Cashier and Administrator Login Diagram.....	47
Figure 3. 7 Processing Order Diagram.....	48
Figure 3. 8 Payment Transaction Diagram	49
Figure 3. 9 Get Point Diagram	50
Figure 3. 10 Add New Category Diagram.....	52
Figure 3. 11 Edit Category Diagram.....	53
Figure 3. 12 Delete Category Diagram	54
Figure 3. 13 Add New Product Diagram.....	56
Figure 3. 14 Edit Product Diagram.....	57
Figure 3. 15 Delete Product Diagram	58
Figure 3. 16 Add New Table Diagram.....	60
Figure 3. 17 Edit Table Diagram.....	61
Figure 3. 18 Delete Table Diagram	62
Figure 3. 19 Download QR Diagram.....	63
Figure 3. 20 Add New Employee Diagram	64
Figure 3. 21 Edit Employee Details Diagram	65
Figure 3. 22 Delete Employee Diagram.....	66
Figure 3. 23 Transaction Report Diagram.....	67
Figure 3. 24 Rules Configuration Diagram	68
Figure 3. 25 Dashboard Diagram	69
Figure 4. 1 Customer Home Page UI.....	71
Figure 4. 2 Customer My Carts UI	72
Figure 4. 3 Customer My Orders UI.....	73
Figure 4. 4 Cashier and Administrator Login UI	74
Figure 4. 5 Dashboard UI.....	75
Figure 4. 6 Sell Order UI.....	76
Figure 4. 7 List Order UI.....	76
Figure 4. 8 Category Page UI.....	77
Figure 4. 9 Product Page UI.....	78
Figure 4. 10 Tale Page UI.....	78
Figure 4. 11 Employee Page UI	79
Figure 4. 12 ERD.....	80

Figure 5. 1 Regular Customer Login	89
Figure 5. 2 Membership Customer Login Page	89
Figure 5. 3 Customer Home Page.....	90
Figure 5. 4 My Carts Page	91
Figure 5. 5 My Orders Page	92
Figure 5. 6 Login Page	93
Figure 5. 7 Dashboard Page	94
Figure 5. 8 Cont.1 Dashboard Page	94
Figure 5. 9 Cont. 2 Dashboard Page	95
Figure 5. 10 Sell Order Menu Page	96
Figure 5. 11 Register Membership Page	96
Figure 5. 12 Payment Page	97
Figure 5. 13 List Order Page.....	98
Figure 5. 14 Finished Order Page.....	98
Figure 5. 15 Product Menu Page	99
Figure 5. 16 Add New Product Page	99
Figure 5. 17 Category Menu Page	100
Figure 5. 18 Add New Category Page	100
Figure 5. 19 Configuration Menu Page	101
Figure 5. 20 Table Menu Page	102
Figure 5. 21 Membership Menu Page	102
Figure 5. 22 Employee Menu Page.....	103
Figure 5. 23 Add New Employee Page	104
Figure 5. 24 Edit Employee Page	104
Figure 5. 25 Reporting by Daily Transaction Page	105
Figure 5. 26 Reporting by Method Payment Page.....	105
Figure 5. 27 Customer Login Code	106
Figure 5. 28 Product Code	107
Figure 5. 29 Carts Code.....	108
Figure 5. 30 Orders Code	109
Figure 5. 31 Admin and Cashier Login Code	110
Figure 5. 32 Dashboard Code	111
Figure 5. 33 Dashboard Code (Continued).....	112
Figure 5. 34 Product Code	113
Figure 5. 35 Product Code (Continued)	114
Figure 5. 36 Category Code.....	115
Figure 5. 37 Configuration Code.....	116
Figure 5. 38 Table Code	117
Figure 5. 39 Table Code (Continued)	118
Figure 5. 40 Employee Code	119
Figure 5. 41 Reporting Code.....	120
Figure 5. 42 Reporting Code (Continued 1)	121
Figure 5. 43 Reporting Code (Continued 2)	122

LIST OF TABLES

Table 2. 1 Comparison Table.....	19
Table 3. 1 Use Case Narrative for Login.....	24
Table 3. 2 Use Case Narrative for Customer Order.....	25
Table 3. 3 Use Case Narrative for Customer Request Bill	25
Table 3. 4 Use Case Narrative for Register Membership	26
Table 3. 5 Use Case Narrative for Customer Get Point	27
Table 3. 6 Use Case Narrative for Processing Customer Order	28
Table 3. 7 Use Case Narrative for Payment Process	29
Table 3. 8 Use Case Narrative for Setting Configuration.....	30
Table 3. 9 Use Case Narrative for Add New Category	31
Table 3. 10 Use Case Narrative for Edit Category Details	32
Table 3. 11 Use Case Narrative for Delete Category.....	33
Table 3. 12 Use Case Narrative for Add New Product	34
Table 3. 13 Use Case Narrative for Edit Product Details	34
Table 3. 14 Use Case Narrative for Delete Product.....	35
Table 3. 15 Use Case Narrative for Add New Table	36
Table 3. 16 Use Case Narrative for Edit Table	37
Table 3. 17 Use Case Narrative for Delete Table.....	38
Table 3. 18 Use Case Narrative for Add new Employee	38
Table 3. 19 Use Case Narrative for Edit Employee.....	39
Table 3. 20 Use Case Narrative for Delete Employee	40
Table 3. 21 Use Case Narrative for Transaction Reporting.....	41
Table 3. 22 Use Case Narrative for View Dashboard.....	41
Table 4. 1 Database Description - Bill Table.....	81
Table 4. 2 Database Description - Carts Table.....	82
Table 4. 3 Database Description - Config Table	82
Table 4. 4 Database Description - Membership Table.....	83
Table 4. 5 Database Description - Orders Table	83
Table 4. 6 Database Description - Orders Detail Table	84
Table 4. 7 Database Description - Point Receive Table.....	84
Table 4. 8 Database Description - Point Usage Table	85
Table 4. 9 Database Description - Product Table	85
Table 4. 10 Database Description - Product Category Table.....	86
Table 4. 11 Database Description - Table Table	86
Table 4. 12 Database Description – User Table	87
Table 4. 13 Database Description - User Group Table	87
Table 6. 1 Customer Module Testing.....	124
Table 6. 2 Admin and Cashier Module Testing	125