

Final Year Project Report
Restaurant Chain Management System App for Bar B Q Tonight



Project Advisor:
Bilal Hassan

Submitted By:

Syed Ali Imran	14023020024
Umer Afzaal	14023020032
Hassan Rasheed	14023020001
Ali Raza Ashraf	14023020005

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C-II Johari Town Lahore Pakistan

Dedication

We dedicate our work to our teachers, family, friends our Project Advisor BILAL HASSAN and co-Advisor MUHAMMAD NABEEL NASAR. They helped us a lot to create Restaurant Chain Management System App for Bar B Q Tonight. Special thanks to our parents who taught and provided us with the best education and knowledge. We also want to dedicate our project effort to Rector UMT and School of System and Technology for helping us to develop in our technological skills.

Final Approval

Panel of Examiners

- **Head of Department**
Department of Computer Science
UMT Lahore _____

- **Program Director (Final Year Projects)**
Department of Computer Science
UMT Lahore _____

- **Supervisor**
Department of Computer Science
UMT Lahore _____

- **Co-Supervisor**

Acknowledgment

This project is the culmination of our experience and education here at UMT. It's been a great journey and us choosing this project is an attempt at trying to sign off in the best way possible. There are some people who have had a huge impact on the course of not only this project but our UMT journey on the whole. Our teachers, our batch mates have always been there to lend us a hand whenever we needed it. Our supervisor MR. BILAL HASSAN, has always inspired us to do our best, think outside the box and push the limits of our abilities. He has been a huge support and we are grateful for the watchful eye he has kept on our progress. Last but not least we'd like to thank our parents who were always there for us and it's thanks to them we managed to get to where we are today.

Project Title

Restaurant Chain Management System App for Bar B Q Tonight (RCMS)

Objective

Our objective is to provide a platform where administration can work on computerized systems and manage system online.

Undertaken by

We claim that we have done project by our self. Using our previous knowledge and skills, all material and work is original except some template of design from open source sites.

Supervised by

Mr. Bilal Hassan

Mr. Muhammad Nabeel Nasar

Starting Date

January 10, 2017

Completion Date**Tools Used**

- Subline Text 3
- Amp
- Android Studio

Operating System

Microsoft Windows 8.1 Pro

Abstract

Restaurant Chain Management System is a full management system for customers and administration itself. Here the administration can do quality assurance tasks for inspection and on front end the customers can buy or order food. It provides the platform for both to where customers can see or order different meals and food items according to their need. The discounts and offers with some promos will also be there for better customer caring with full fledged services. Also, there will be login for the administration to do those tasks assigned to different roles.

The development of a specialized restaurant chain management system (RCMS) app that can automate and ease a lot of tasks in restaurant management for the client and free up valuable time and resources that can be better utilized elsewhere. This will also provide the platform for customers to communicate with the admin for any query or issues. The admin will create different forms according to branches for inspection for inspectors. The report will be seen by the admin any time. Restaurant Chain Management System improves the efficiency of system with management techniques. We made it open source that everyone can use it according to need and also can update it.

REVISION CHART

Version	Primary Author(s)	Description of Version	Date Completed
Draft	Syed Ali Imran Umer Afzaal Ali Raza Ashraf Hassan Rasheed	Initial phase of documentation	
Preliminary	Syed Ali Imran Umer Afzaal Ali Raza Ashraf Hassan Rasheed	First four points of documentation completed	
Final	Syed Ali Imran Umer Afzaal Ali Raza Ashraf Hassan Rasheed	Fifth point including revision of first four points	
Revision 1	Syed Ali Imran Umer Afzaal Ali Raza Ashraf Hassan Rasheed	Complete five points with all mandatory diagrams	
Revision 2	Syed Ali Imran Umer Afzaal Ali Raza Ashraf Hassan Rasheed	Complete Documentation	

Table 1: Revision Chart

CONTENTS

CONTENTS	9
ACRONYMS	11
1. INTRODUCTION	14
1.1 INTRODUCTION.....	14
1.2 MOTIVATIONS.....	14
1.3 PROJECT OVERVIEW.....	14
1.4 PROBLEM STATEMENT	15
1.5 OBJECTIVES	15
2. DOMAIN ANALYSIS	17
2.1 CUSTOMER	17
2.2 STAKEHOLDERS.....	17
2.3 AFFECTED GROUPS WITH SOCIAL OR ECONOMIC IMPACT	18
2.4 DEPENDENCIES/ EXTERNAL SYSTEMS	18
2.5 REFERENCE DOCUMENTS	18
3. REQUIREMENTS ANALYSIS	19
3.1 REQUIREMENTS.....	19
3.2 LIST OF ACTORS	20
3.3 LIST OF USE CASES.....	20
3.4 SYSTEM USE CASE DIAGRAM	21
3.5 EXTENDED USE CASES	22
3.6 USER INTERFACES (MOCK SCREENS).....	35
4. DATA FLOW DIAGRAM	37
4.1 DATA FLOW DIAGRAM LEVEL 0	37
4.2 DATA FLOW DIAGRAM LEVEL 1	37
4.3 DATA FLOW DIAGRAM LEVEL 2	38
5. SYSTEM DESIGN	39
5.1 SYSTEM ARCHITECTURE DIAGRAM.....	39
5.2 CLASS DIAGRAM.....	39
5.3 ENTITY RELATIONSHIP DIAGRAM	40
5.4 SEQUENCE DIAGRAM	41
6. IMPLEMENTATION DETAILS	42
6.1 DEVELOPMENT SETUP	42
6.2 DEPLOYMENT SETUP.....	42
6.3 ALGORITHMS	42
6.4 CONSTRAINTS	43
7. TESTING	44
7.1 EXTENDED TEST CASES	44
7.2 DECISION TABLE.....	53
8. RESULTS/OUTPUT/STATISTICS	2
9. CONCLUSION	3
10. FUTURE WORK	4

11.	BIBLIOGRAPHY.....	5
11.1	BOOKS	5
11.2	JOURNALS.....	5
11.3	ARTICLES.....	5
11.4	RESEARCH PAPERS	5
11.5	OTHER REFERENCES	5
12.	APPENDIX	6
12.1	GLOSSARY OF TERMS.....	6
12.2	PRE-REQUISITES.....	6

Acronyms

Acronym	Definition
UMT	University of Management and Technology
POS	Point of Sale
RCMS	Restaurant Chain Management System
BM	Branch Manager

Table 2: Table of Acronyms and Definitions

List of Tables

Table 1: Revision Chart.....	8
Table 2: Table of Acronyms and Definitions	11
Table 15: View Offers & Promos.....	30
Table 16: Add Result Supplier	31
Table 17: View Suppliers Audit	32
Table 18: Branch Audit	33
Table 19: Result Branch Audit.....	34
Table 24: Test Case 1 Signup Button	44
Table 25: Test Case 2 Sign in Button.....	45
Table 26: Test Case 3 Sign out Button.....	45
Table 28: Test Case 5 Profile	46
Table 29: Test Case 6	47
Table 30: Test Case 7	47
Table 31: Test Case 8	48
Table 32: Test Case 9	48
Table 33: Test Case 10	49
Table 34: Test Case 11	50
Table 31: Test Case 8	51
Table 35: Test Case 12	52
Table 36: Test Case 13	52

List of Figures

Figure 1: System Use Case Diagram.....	21
Figure 2: Login Page	35
Figure 3: Index Page.....	35
Figure 4: Add Forms	35
Figure 9: Clients Settings	35
Figure 10: Form Access Assigning	35
Figure 11: Main Settings	35
Figure 12: My Account	36
Figure 13: Data Flow Diagram level 0	37
Figure 14: Data Flow Diagram level 1	37
Figure 15: Data Flow Diagram level 2	38
Figure 16: System Architecture.....	39
Figure 17: Class Diagram.....	40
Figure 18: Entity Relationship Diagram.....	40
Figure 19: Login Sequence Diagram.....	41

1. INTRODUCTION

1.1 Introduction

Bar-B-Q Tonight is a renowned fast food chain with numerous outlets in many cities all across Pakistan. Since it is geographically spread all through the country, a chain of food outlets such as Bar-B-Q Tonight requires a proper system or quality assurance as well as maintenance of its quality standards in a more consistent way. The restaurant team physically visits every outlet across the country and fills out a set of quality forms. The entire process of filling these forms is manual as of yet and it requires dedicated time slots to compile all the necessary observations noted down by various quality control inspectors. Restaurant Chain Management System for Bar-B-Q Tonight provides these different facilities. The client is interested in automating this complete procedure through the use of an online system integrated with a webserver.