Coffee For Go! System
Final Report

Version 1.0

**SEMESTER MAC 2023 –OGOS 2023**

GROUP: CS1104B

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Final Report Grading Rubric

Category	Remarks/Marks				
	Poor	**Mediocre**	**Good**	**Excellent**	**Outstanding**
Purpose, scope & objectives	1	2	3	4	5
	Project are briefly explained with the purpose of development, scope and objectives to be achieved.				
Constraints	1	2	3	4	5
	Project clearly defined the limitation after development and constraints during the development process.				
Project Plan	1	2	3	4	5
	Provide the project plan using Ms Project application and shown detailed the process of development.				
Roles & Responsibilities	1	2	3	4	5
	Describe the organizational structure of the project team and provide group member's formal picture and their responsibilities with job designation.				
ERD	1	2	3	4	5
	Place ERD in this section (put in appendix) and ensure it uses correction notation whether Crow's Foot or Chen, has relationships and cardinality. ERD should be matched with physical database.				
Data Dictionary	1	2	3	4	5
	Please provide a list that contains name of tables, attributes and data type. All the components must be exactly similar with physical database.				
DFD	1	2	3	4	5
	Place DFDs of the proposed information system here. Provide descriptions of the proposed information system according to provided diagram. Descriptions must be cleared to ensure audience able to understand what this document tries to deliver.				
Documentation & Format	1	2	3	4	5
	Follow the documentation format with an appropriate arrangement and fulfilled requirements.				

40
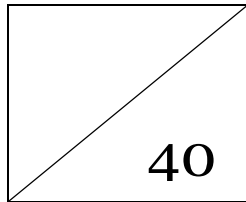
Revision History

Date	Version	Description	Author
17/07/2023	1.0	Final report	Eiman Damien bin Rohmat

Table of Contents

1. Introduction

1.1 Purpose

The purpose of the final report was made to show the lecturer how our system done in the terms of period time form earlier semester until the presentation day on 17/07/2023. Final report is summarization for all system progression within the time period was given.

1.2 References

- SDP version 1.2

- SRS version 1.2

- SDD version 2.1

2. Project Overview

2.1 Project purpose, scope and objectives

Project Purpose

- This system is for customers that are interested in buying coffee in our Coffee For Go! shop in an easier and efficient way. This system will also help administrator to manage details of customers while staff update the customer payment details.

Project Objective

- To analyze all the problems that occurs.
- To design a computerized database and system.
- To develop Coffee For Go! System.

Project Scope

- This system is developed for customers that want to purchase according to the menu given.
- Coffee For Go! system's top-level design and technological choices will be described in this study.

2.2 Assumptions and constraints

- System can only be managed by administrator.
- Customers have to register and login in order to use the system.
- Administrators are required to login to ensure the safeness of data.
- Admin passwords are not encrypted.
- Payments can only be updated by staff.

2.3 Project deliverables

ITEMS	W1	W2	W3	W4	W5	W6	W7	W8	W9	W10	W11	W12	W13	W14
1.PLANNING														
A) TEAM SETUP & MEETING	■	■												
B) IS PROJECT IDENTIFICATION		■	■											
C) IS CLIENT IDENTIFICATION			■	■										
D) SDP SUBMISSION					■									
2)ANALYSIS														
A) PRODUCE ERD				■										
B) PRODUCE IS DFD					■									
C)ERD & DFD VERIFICATION WITH LECTURER/SUPERVISOR AND CLIENT					■									
D) SRS SUBMISSION														
3. DESIGN														
A) FINAL ERD VERIFICATION						■	■							
B) FINAL DFD VERIFICATION							■							
C) DESIGN INTENDED UI							■							
D) PRODUCE MASTER UI								■						
E) SDD SUBMISSION								■						
4. IMPLEMENTATION														
A) START CODING THE SYSTEM									■					
B) CONDUCT UNIT AND INTEGRATION TEST									■	■				
C) CONDUCT SYSTEM TEST										■				
D) CONDUCT UAT (CLIENT)										■	■			
5. MAINTENANCE														
A) BUGS FIXING AFTER SYSTEM TEST												■		
B) BUGS FIXING AFTER UAT												■		
6. IS PROJECT PRESENTATION												■	■	

3. Project Organization

3.1 Organizational Structure
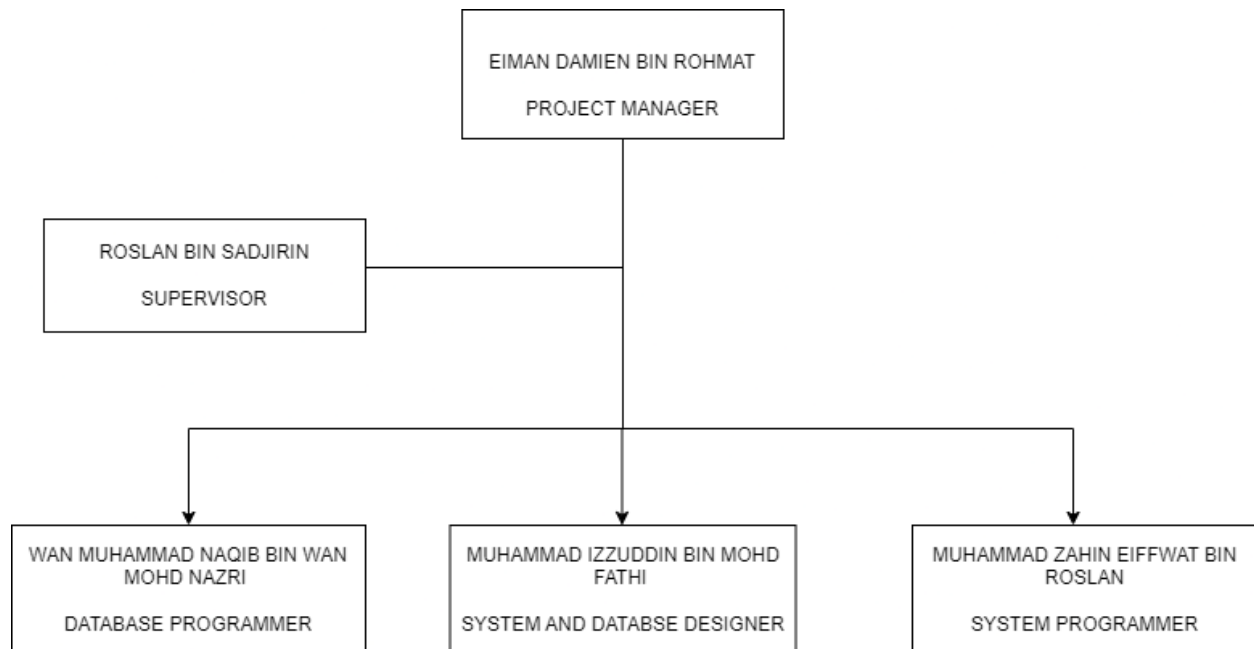
3.2 External Interface
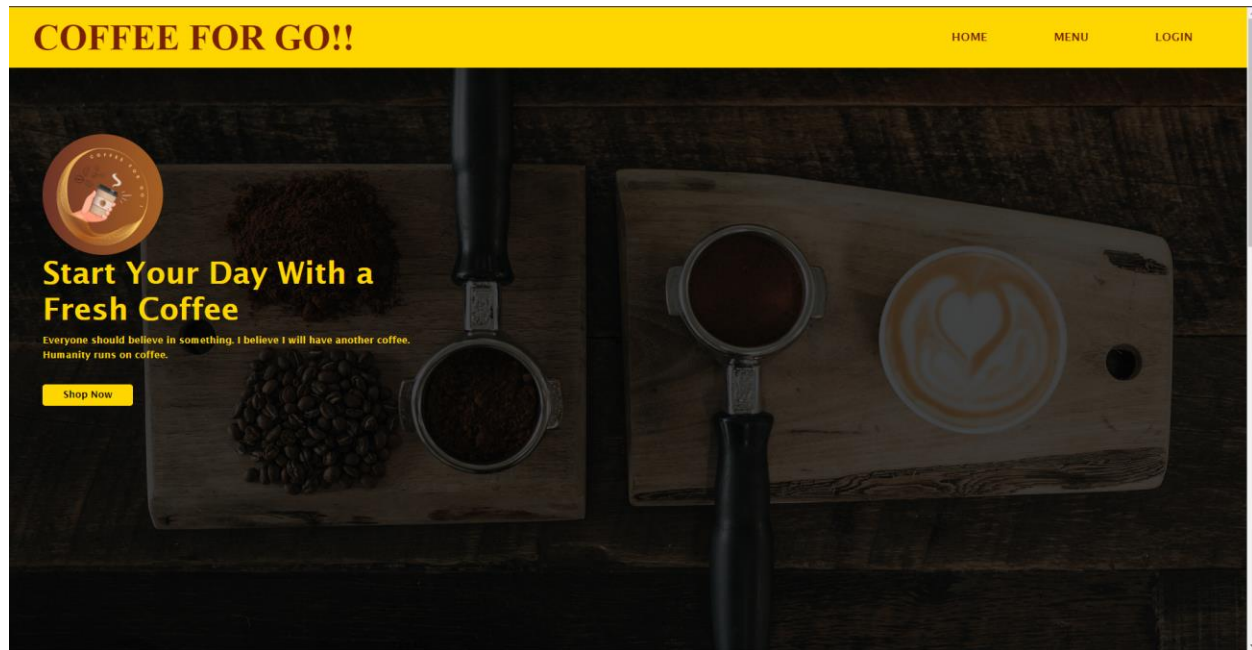
3.3 Roles and Responsibilities

	Name: Muhammad Izzuddin bin Mohd Fathi Student ID: 2021893118 NRIC: 030609-10-0077 Contact Number: 016-926379 Email: izzuddinfathi0@gmail.com Role: System Programmer Responsibilities: Leading the team, planning the project and assigning tasks to the members, keeping track of the project's progress and setting deadlines for tasks while providing additional support.
	Name: Eiman Damien bin Rohmat Student ID: 2021466508 NRIC: 030916-10-0261 Contact Number: 018-2906167 Email: 2021466508@student.uitm.edu.my Role: Project Manager Responsibilities: Enhancing the system and making sure the system is running properly while doing back-end work.
	Name: Wan Muhammad Naqib bin Wan Mohd Nazri Student ID: 2021453086 NRIC: 030711-06-0307 Contact Number: 013-4658283 Email: 2021453086@student.uitm.edu.my Role: Database Programmer Responsibilities: Create the database for the system while doing back-end work.

	Name: Muhammad Zahin Eifwwat bin Mohd Rosli
	Student ID: 2021650186
	NRIC: 030929-06-0203
	Contact Number: 017-9154272
	Email: 2021650186@student.uitm.edu.my
	Role: System and Database Designer
	Responsibilities: Designing the system and database as well as doing front-end work.

4. Database and System Design

4.1 Data Dictionary

Table: Customer

ATTRIBUTES	DATATYPE
custID	Integer
custUsername	Varchar
custPassword	Varchar
custPhoneNum	Varchar
custEmail	Varchar
custAddress	Varchar
custStatus	Varchar

Table: Orders

ATTRIBUTES	DATATYPE
orderID	Integer
orderDATETIME	DateTime
custUsername	Varchar
orderStatus	Varchar
adminID	Integer
orderType	Varchar
orderBranch	Varchar

Table: Payment

ATTRIBUTES	DATATYPE
paymentID	Integer
orderBranch	Decimal
TotalPrice	Decimal

orderID	Decimal
adminID	Integer
orderType	Varchar

Table: Order Details

ATTRIBUTES	DATATYPE
OrderDetailsID	Integer
orderQty	Integer
orderID	Integer
menuID	Integer

Table: Menu

ATTRIBUTES	DATATYPE
menuID	Integer
menuName	Varchar
menuPrice	Decimal
menuType	Varchar
menuDesc	Varchar
menuStatus	Varchar
menuImage	Varchar

Table: Admin

ATTRIBUTES	DATATYPE
adminID	Integer
adminName	Varchar
adminUsername	Varchar
adminPassword	Varchar
adminPhoneNum	Varchar
adminEmail	Varchar
adminType	Varchar

Table: Cart

ATTRIBUTES	DATATYPE
cartID	Integer
menuID	Integer
custUsername	Varchar
quantity	Integer

4.2 Entity Relationship Diagram

Refer to Appendix A.

4.3 Data Flow Diagram

4.3.1 Context Diagram
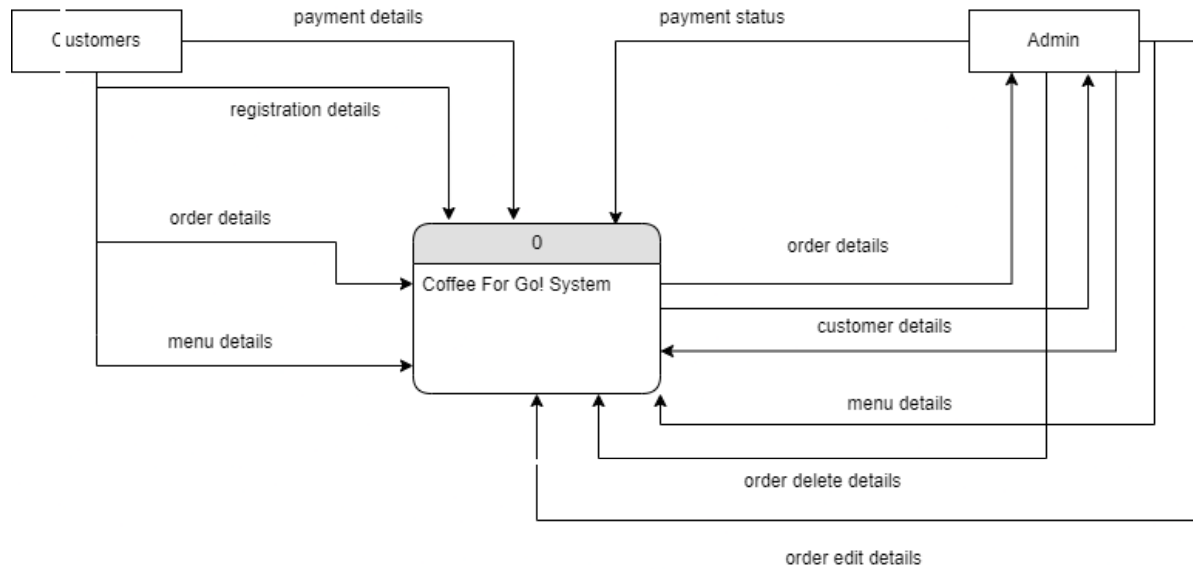
4.3.2 Diagram 0
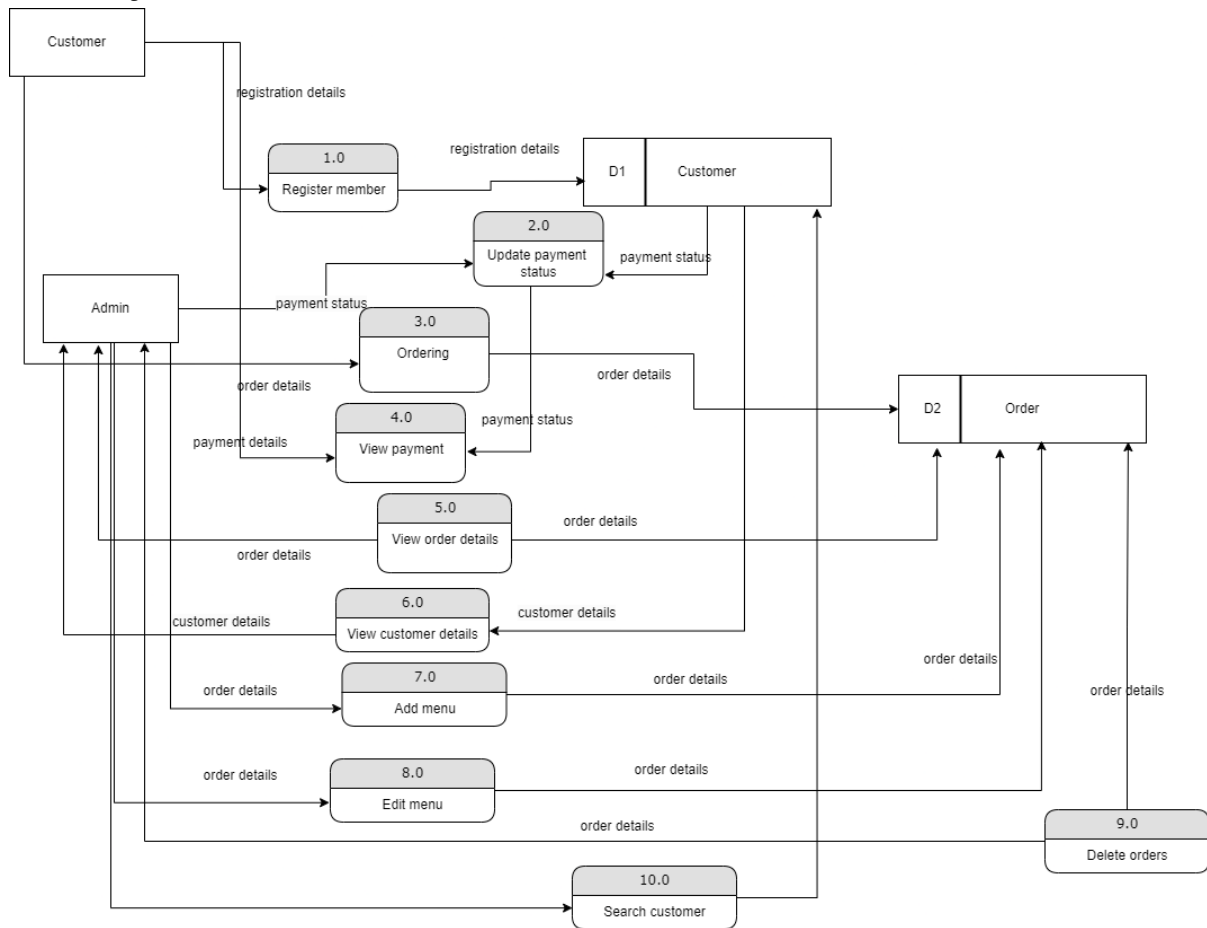
5. Conclusion and Recommendation

5.1 Conclusion

Coffee For Go! system will make it easier for customers to order coffee either for delivery or pickup. This system had achieved the objective which is to improve user experience. Even though it took quite some effort, we managed to handle and improve it and we also hope to do more of these kind of projects in the future.

5.2 Recommendation

It is recommended to set your browser to 100% zoom level to have the best view while using it. The organization should also take measurements in upgrading the system every 5 years in order to improve customer experience in ordering coffees.

Appendix A