SW2 – Project Evaluation Form

- **Each team must submit the following Documentation that contains:**
  - **Project Description in detail.**
  - **Class Diagram. And Database Schema.**
- **Each team must submit the project via GitHub:**
  - **Source Code.**
  - **Video Demo for running (2 – 5 Minutes).**
  - **Documentation and Evaluation Form.**
- **The Evaluation will start with giving all teams 30 marks then check the following criteria:**

Violation Level	Full	Medium	Small	Grade
Documentation	-5	-2	-1	
Not Apply MVC (it does not Separate Business logic from GUI). Example of violation: write the implantation for a method such as an inset item into the database inside the Button Action method)	-6	- 3	-1	
Violate clean code – Variables	-2	-1	-.05	
Violate clean code – Functions	-2	-1	-.05	
Violate Single-responsibility Principle	-2	-1	-.05	
Violate Open-closed Principle	-2	-1	-.05	
Violate the Liskov Substitution Principle	-2	-1	-.05	
Violate Interface Segregation Principle	-2	-1	-.05	
Violate Dependency Inversion Principle	-2	-1	-.05	
Not Upload code to GitHub	-1			
Only One Branch Without Merge (GitHub)	-2			
Only One Contribution (GitHub)	-2			
Total Minus from Grade				

Design Pattern Bounce	+4	
Bounce on Overall Work	+2	
Total Team Grade / 30		

Full violated –They violate the principle in all cases in the Code.
Medium Violated – They apply the principle in some cases and violate it in some cases (in total the student applies the principle on average).
Small violated – They Apply the principle in most cases except for a very few cases, no more than one or two.

Name (Arabic)	ID	Individual Bounce +2	Grade
سيف الدين رضا عبد الفتاح	201900364		
عبد الرحمن اشرف امان الله	201900404		
سيد حمدى سيد حميده	201900360		
سيد أنور سيد شعبان	201900359		
شيماء محمد احمد فؤاد القصبجى	201900378		
على رمضان على حامد	201900493		

Restaurant Management System

Project Description in Details

This system can install in any restaurant.

This system contains the following modules:

1. Administrative Module

a) Admin has username and password and can alter them.

b) Admin manages Employees (Add, Delete, update, List, search).

c) Admin manages Meals (Add, Delete, update, List, search).

d) Admin can make reports about customers and Employees (make queries).

e) Admin make special offers, marketing, loyalty, and reward programs.

2. Employee Module

a) Employee manages Customers (Add, Delete, update, List, search).

b) Employee can make and cancel order.

c) Employee manages Billing.

d) System Must send notification when offers added.

e) System Must send notification that set gifts to Customer when their payments reach at specific range.

3. Customer Module

a) Customer can register at marketing, loyalty, and reward programs.

b) All Payments, orders of Customer save to customer profile.

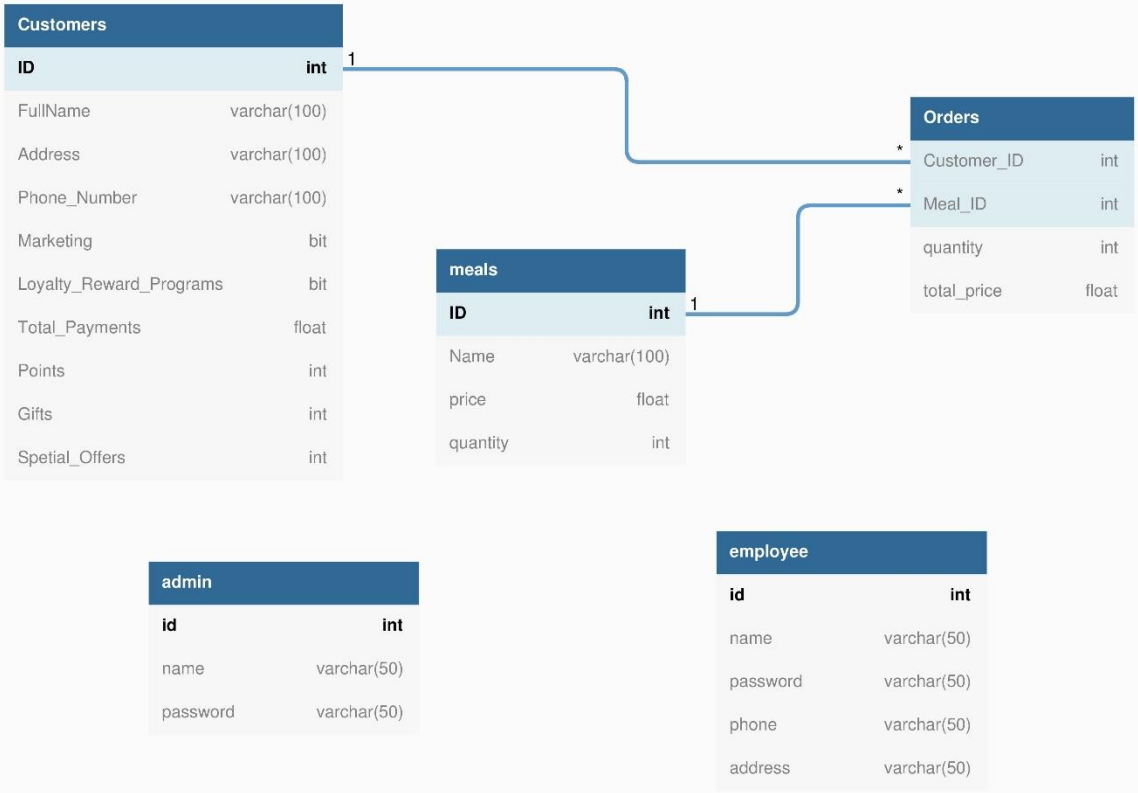
c) All gifts and special offers that customer get save to his profile.

4. User Module

a) All Users can login and logout except customer.

b) Users can Update their Information except ID.

Database Schema



Class Diagram