

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). <u>Example of violation:</u> write an implementation 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	
Bounceon 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
اسماعيل محمود محمد محمود	201900153		
الاء مصطفى أحمد معطي	201900163		
أية ابراهيم عبدالحليم ابراهيم	201900209		
أحمد عادل السيد صبري الشريف	201900050		
علي عادل سعد الدين ابراهيم	201900488		
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SOFTWARE ENGINEERING 2

2021/2022

DR: Ahmed Hesham

HEALTH CLUB MANAGEMENT SYSTEM

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1-Project idea & details:

The system is a desktop application in which admin can manage all the health club system and manage the members reserved in it.

Features:

- Training tips that build on lessons learned or exercises completed in one of your classes.
- Diet tips for a healthy, holistic lifestyle.
- Weight loss tips that are specific to the classes or training services that you offer at your club.

Admin:

Manages all the system related task; He has username and password and can alter them.

Member:

Can see end date of subscription and see his coach and schedule.

Advantages:

- It helps members to reserve in this club.
 - It is fast, efficient and reliable.
 - Very user-friendly.
 - Provides more security and integrity to data.
 - Easy accessibility of data.
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2-Main Functionalities:

The main function of the project is that it helps admin to manage this health club and add members who desired to reserve with him, he can use the system any time he want and make updates in data as he wish.

The system comprises of 2 major modules with their sub modules as follows:

- 1. Admin Module.*
- 2. Member Module.*

1. Administrative Module: manage all the system related

- a) Has username and password:** He can alter the username and the password.
- b) Manages members:** He can add, delete, update, list and search for them.
- c) Manage billing:** He can manage all users' billing.
- d) Make reports:** Admin can make reports about members.

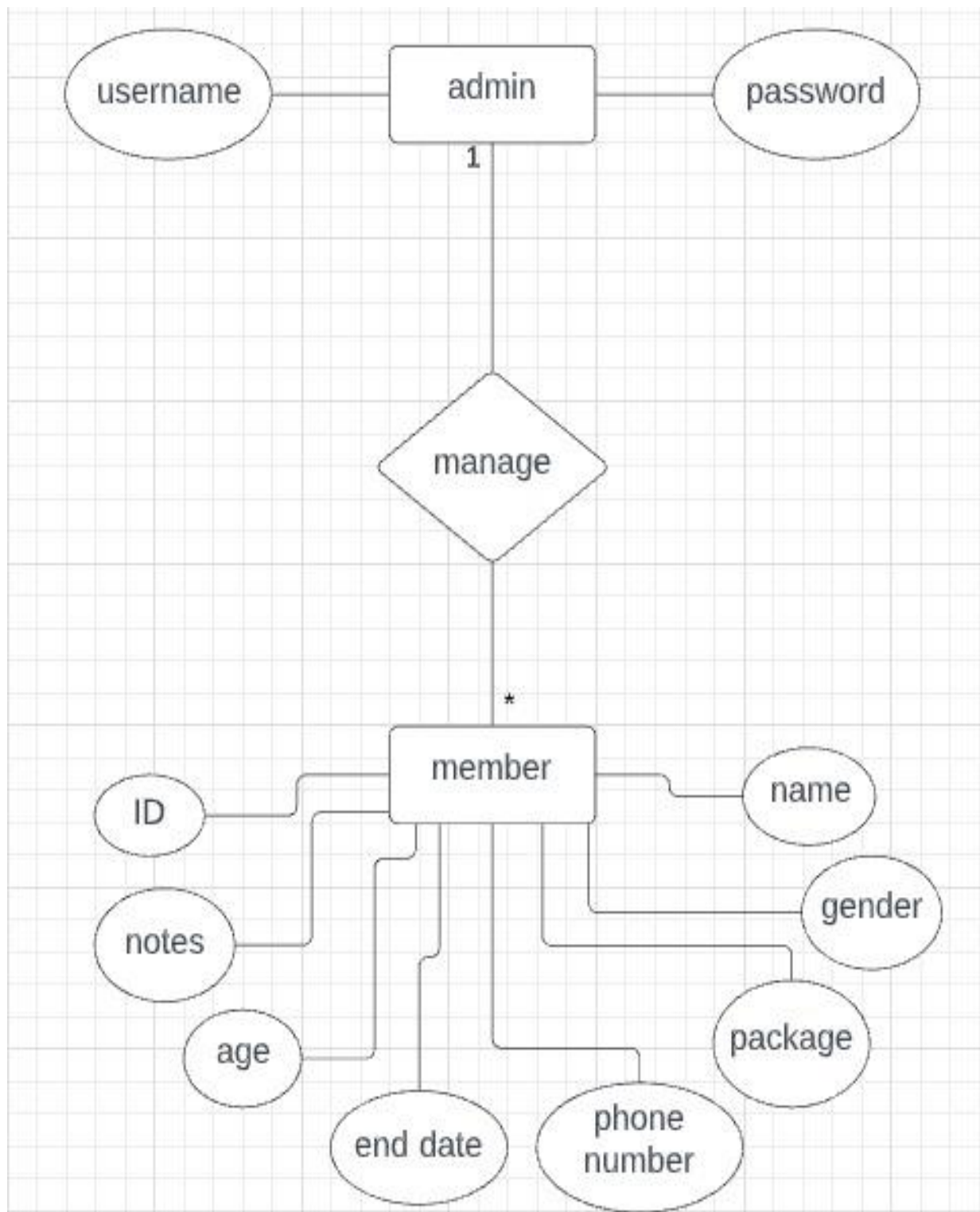
2. **Member Module:** View his related information

a) **See end date:** Admin can show the member his data and end of date.

b) **See his schedule:** Admin can show the member his schedule for his reservation.

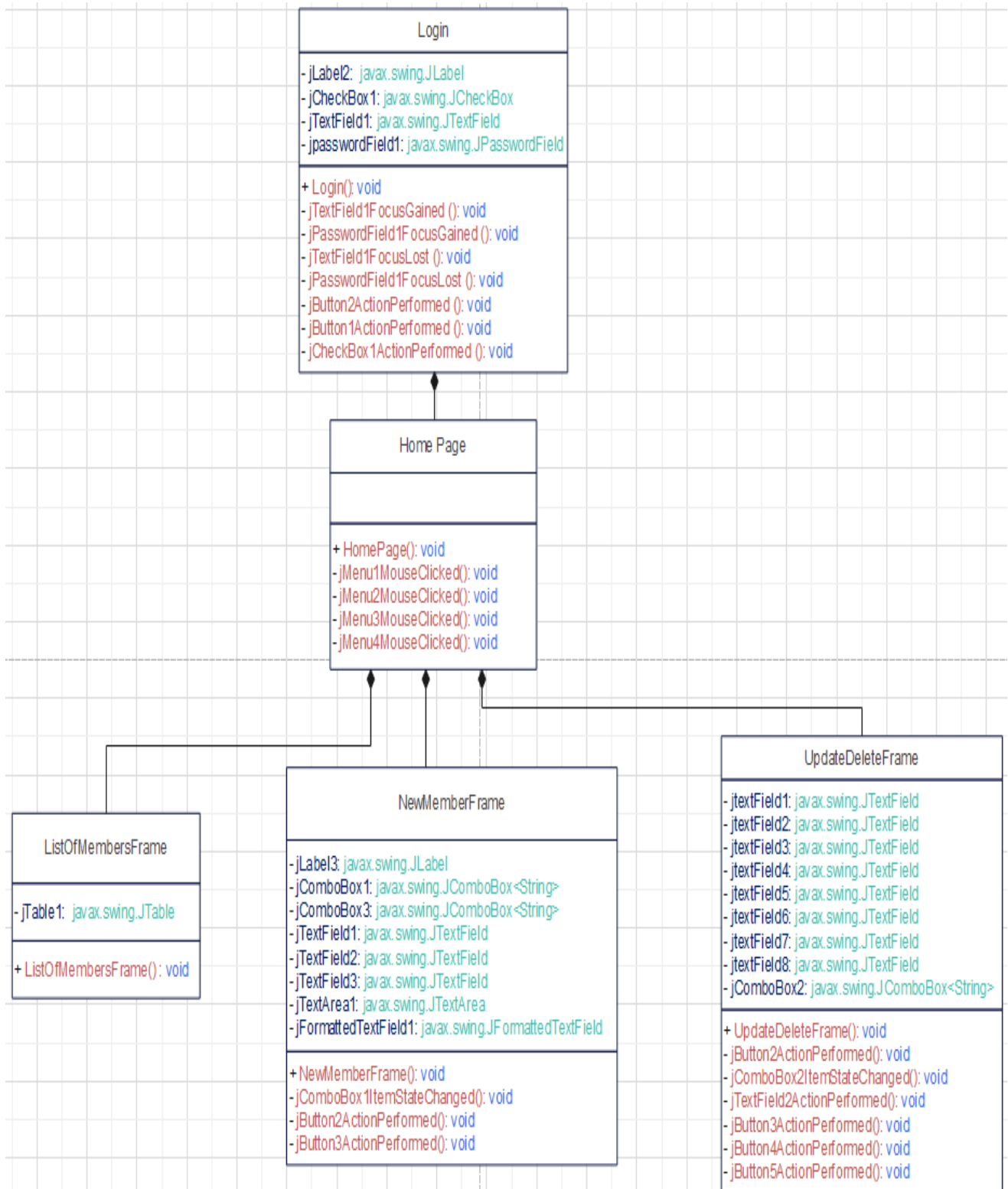
System: Must send notification for each member and admin when subscription of member ends.

3-Database Schema:

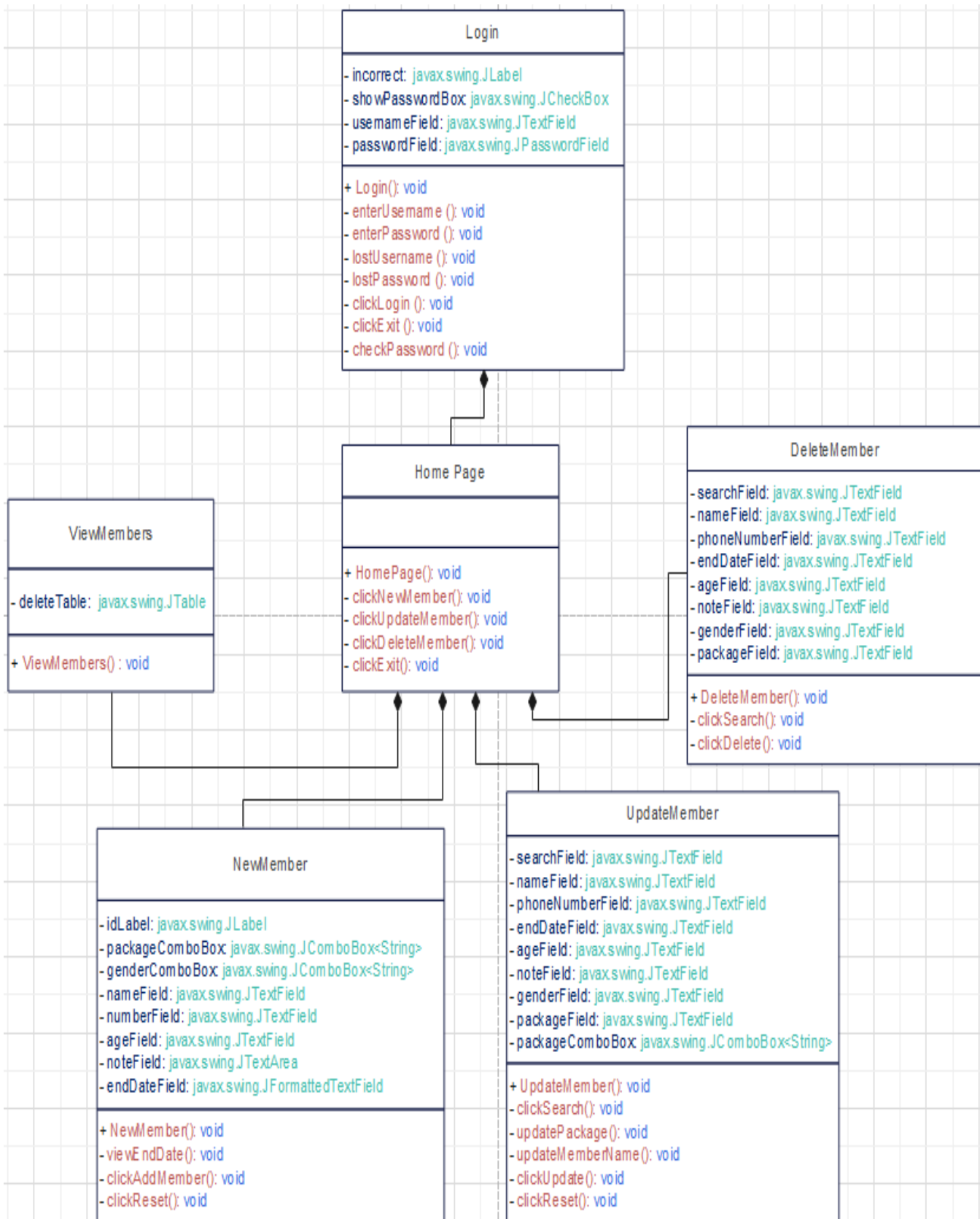


4-Class Diagram:

Version 1:



Version 2:



Version 3:

