

CPSC 304

Cover Page for Project Part __3__

Date: _____November 21, 2020_____

Project Group Number on Canvas: __8__

Group Members:

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By typing our names and student numbers in the above table, we certify that the work in the attached assignment was performed solely by those whose names and student IDs are included above. (In the case of Project Milestone 0, the main purpose of this page is for you to let us know your email address, and then let us assign you to a TA for your project supervisor.)

In addition, we indicate that we are fully aware of the rules and consequences of plagiarism, as set forth by the Department of Computer Science and the University of British Columbia

Final Project Report:

Our Github Link: <https://github.com/ericlyu1122/Marridge-matching->

Our Project's Website:

https://www.students.cs.ubc.ca/~zhuoyil/Marridge-matching-/cover_page.php

Screenshots are listed under Github Page:

<https://github.com/ericlyu1122/Marridge-matching-/tree/main/Screenshot>

A short description of the final project:

Our project is based on a Marriage Corporation company database, which includes tables Has_Manager, Manage_MSC, TravelPlan, GiftPlan, DatingAgency, DatingClub, Serves, Branch_Own, Customer_advises, Matchmaker_manage, and Design. Users are able to insert, delete and update the Manager_MSC table. Furthermore, they can filter out some columns or select some particular rows from the table. Last but not least, users can join the Has_Manager table with the Matchmaker_Manage table to select some meaningful information related to the workforce. We also included a user-friendly demo page with a navbar at the top. Users can select any query in the navbar by simply clicking on the corresponding button. Example and usage of each query will also display to the users after the click.

A description of how your final schema differed from the schema you turned in.

The final schema has no major changes from the schema we turned in in Milestone2. We've only made some small changes on attribute names and domain types.

- Branch_Own Table
 - Before:

Branch_Own (BranchID: Int, City&Province: Char(50), Fund: Double, Address: Char(20), DA_Name:Char(20))

- After:

Branch_Own (BranchID: Int, CityProvince: Char(50), Fund: Int, Address: Char(20), DA_Name:Char(20))

We've changed the domain type for Fund since we don't need that much precision and all the Fund values we inserted into this table are integer numbers. We've also changed an attribute's name from City&Province to CityProvince for simplicity.

- DatingClub Table

- Before:

DatingClub(ClubName:Char(20), Fund: Double, AnnualFee: Double)

- After:

DatingClub(ClubName:Char(20), Fund: Int, AnnualFee: Int)

We've changed the domain types for Fund and AnnualFee since we don't need that much precision and all the Fund values and AnnualFee values we inserted into this table are integer numbers.

- DatingAgency Table

- Before:

DatingAgency(DA_name:Char(20), WholeMarketShare: Int, HQ base country: Char(20))

- After:

DatingAgency(DA_name:Char(20), WholeMarketShare: Char(20), HQ base country: Char(20))

We've changed the domain types for WholeMarketShare from integer to char since this is a typo we made in Milestone 2's report and we've corrected it in this Milestone.

- Matchmaker_manage Table

- Before:

Matchmaker_manage(EmployeeID: Int, name: Char(20), rate(star): int,
ManagerID: Int)

- After:

Matchmaker_manage(EmployeeID: Int, **E_name**: Char(20), **Rate**: int,
ManagerID: Int)

We've changed two attributes' names for simplicity and ease of understanding.

- Customer_advices Table

- Before:

Customer_advices(MemberID: Int, occupation: Char(20), Birthday: Date,
Age: Int, C_name: Char(20), Access?: Bool, **EmployeeID: int**)

- After:

Customer_advices(MemberID: Int, occupation: Char(20), Birthday: Date,
Age: Int, C_name: Char(20), **AccessToOthersProfile: Char(20)**, **EmployeeID:**
int)

We've changed the name and domain type of Access?. The attribute's name has been changed to something more meaningful and the domain type has been changed to CHAR for simplicity.