

CMPUT 291/Fall 2019 – Project1 Evaluation

Demo Mark: ____/84, Report Mark: ____/12, Group Cooperation Mark: ____/4,
Total Mark: ____/100. TA _____ Date ____/____/____

Name	CCID	Present
1.		
2.		
3.		

Member CCID whose code is demoed: _____ On time? _____
If the code is changed, the number of edits (20 is the limit*): _____ Penalty: _____

1. Login Screen ____ [9 points]

Registered user logs in with uid: **1**, password: '**pass1**'

____ [2 points] Fail to log in due to a wrong password; proper error message is given.

Registered user logs in with uid: **1**, password: '**pass123**'

____ [2 points] Log in is successful

____ [1 point] Menu options for officers are shown.

Logout.

____ [2 points] logout is working

Registered user logs in with uid: **2**, password: '**pass234**'

____ [2 points] Login is successful and the menu options for agents are displayed.

The user with uid 2 proceeds to the next section.

2. Register a birth ____ [12 points]

Insert the following birth:

First Name	Last Name	Gender	Birthday	Birth place	Father	Mother
Tom	Doe	Male	2019-11-01	Edmonton	John, Doe	Jane, Watch

Inserted row in person: (Tom, Doer, 2019-11-01, Edmonton, 19865 56 Ave, 654-123-4789)

____ [4 points] The required fields (first name, last name, gender, birth date, birth place of the newborn, as well as the first and last names of the parents) are correctly obtained and both persons and births tables are updated.

____ [1 point] The registration date is set to the day of registration (today's date).

____ [1 point] The registration place is set to Calgary, the city of the user.

____ [1 point] A unique registration number is assigned to the birth record.

____ [1 point] The address and the phone of the newborn is set to those of the mother.

Insert another birth:

First Name	Last Name	Gender	Birthday	Birth place	Father	Mother
Janet	Fox	Female	2018-10-11	Calgary	Alex, Fox	Marian, Lam

System Should ask for details of the mother:

FirstName: Marian, Last Name: Lam, phone: 3451234356, and leave everything else null.

____ [2 points] The mother is recorded in persons table with the empty fields set to NULL.

____ [2 points] The newborn is correctly recorded in persons and births tables.

* If the edit is only for changing database name, the deduction for edit will be 10 points.

3. Register a marriage ____ [8 points]

Insert the following marriage:

Partner 1: Susan (fname), Wayne (lname), Partner 2: Alex (fname), Fox (lname)

____ [2 points] The information is recorded in the marriages table.

____ [2 points] The registration date is set to today's date and the registration place is set to Calgary.

____ [1 point] A unique registration number is assigned.

Insert the following marriage:

Partner 1: Jane (fname), Watch (lname), Partner 2: Ahmed (fname), Taleb (lname)

System should ask for information about the second partner (not in persons table).

FirstName: Ahmed, Last Name: Taleb, everything else: empty

____ [2 points] Information about the 2nd partner (including first name, last name, birth date, birth place, address and phone) is obtained and both persons and marriages tables are updated.

____ [1 point] Empty fields are set to NULL.

4. Renew a vehicle registration ____ [6 points]

Renew the registration for regno 1.

____ [1 point] Modifying the correct row in registration table.

____ [2 points] The expiry date is set to one year after the current expiry date.

Renew the registration for regno 2.

____ [1 point] Modifying the correct row in registration table.

____ [2 points] The expiry date is set to one year after today's date.

5. Process a bill of sale ____ [10 points]

Record the following bill of sale:

Vin	Current owner	New owner	Plate number
126	Farnaz, Darabi	Alex, Fox	RD54N

____ [3 points] Add the record to the registration table with the name of the new owner and the plate number.

____ [1 point] For the current registration record, set the expiry date to today's date.

____ [2 points] For the new registration record, set the reg date to today's date and the exp date to one year from today.

____ [1 point] A unique registration number is assigned to the new registration.

____ [1 point] The vin is copied from the current registration to the new one.

Record the following bill of sale:

Vin	Current owner	New owner	Plate number
127	Roger, Fox	Farnaz, Darabi	FV43E

____ [2 points] This bill of sale cannot be recorded (the owner name does not match).

6. Process a payment ____ [7 points]

Make a payment for \$150 toward Ticket No. 3.

____ [3 points] The payment is recorded in payments table.

____ [1 point] The payment date is set to today's date.

Make a payment for \$40 toward Ticket No. 2.

____ [1 point] Payment is recorded with no problem (Tickets can be paid in multiple payments).

Make a payment for \$180 toward Ticket No. 1.

____ [2 points] The payment cannot be processed (the sum exceeds the fine amount).

7. Get a driver abstract ____ [16 points]

Get a driver abstract for Jian (first name) Jin (last name).

	Within the past two years	Within the lifetime
Number of tickets	5	7
Number of demerit notices	2	3
Number of demerit points	25	45

____ [2 points] The number of tickets is correctly displayed.

____ [2 points] The number of demerit points within the past two years is correctly displayed.

____ [2 points] The number of lifetime demerit points is correctly displayed.

Expected Output:

T_id	Reg No.	Fine	description	date	make	model
8	4	120	Red Light	2019-11-01	Toyota	Raw 4
10	4	250	Speeding	2019-03-19	Toyota	Raw 4
5	4	100	Speeding	2019-01-08	Toyota	Raw 4
6	4	80	Parking	2018-09-12	Toyota	Raw 4
9	4	130	Speeding	2018-02-13	Toyota	Raw 4
(Next Page)						
7	4	90	Speeding	2017-11-12	Toyota	Raw 4
11	5	100	Parking	2016-07-18	Ford	Fiesta

____ [2 points] There is an option to see the list of tickets, and for each ticket, the ticket number, the violation date, the violation description, the fine, the registration number are displayed.

____ [2 points] Make and model of the car for which the ticket is issued are displayed.

____ [1 point] The list is ordered from the latest to the oldest.

____ [3 points] A correct pagination has is supported.

Try searching for driver jiAn (first name) jiN (last name)

____ [2 points] The result should be the same.

The current user logs out, and the officer with uid: *1* and password: '*pass123*' logs in to perform the next operations.

8. Issue a ticket ____ [7 points]

Search for Reg. No. 6.

Expected Output:

Name: Alex Fox

Make: Lexus, Model: NX300, Year: 2018, Color: Silver

____ [1 point] A correct name is displayed.

____ [2 points] A correct car information is displayed.

Add the following two tickets for this registration:

Date: **2019-10-31**, Text: **Speeding**, Amount: **150**.

Date: **(No input)**, Text: **Parking**, Amount: **100**.

____ [2 points] The required information is obtained and the tickets are recorded.

____ [1 point] A unique ticket number is assigned to each ticket.

____ [1 point] The second ticket date is set to today's date.

9. Find a car owner ____ [9 points]

Search for the following car:

Make	Model	Year	Color	Plate
Toyota				

Output:

Plate	Make	Model	Year	Color	FName	LName	Reg. Date	Exp. Date
U5RFC	Toyota	Camry	2017	Blue	Roger	Peng	2017-11-29	2021-11-29
ABN76	Toyota	Raw 4	2017	Black	Jian	Jin	2019-01-02	2020-01-02
GFV6R	Toyota	Camry	2011	Blue	Alex	Fox	2019-08-12	2020-12-01
FD543	Toyota	Raw 4	2014	Black	Roger	Peng	2019-11-01	2020-11-01
HB65C	Toyota	Crown	1996	Red	Susan	Wayne	2019-05-18	2021-01-01

____ [2 points] The records on the left (make, model, year, color, plate) correctly displayed.

____ [2 points] When a record is selected, all registration detail (incl. owner names, registration dates and expiry dates are displayed).

Search for the following car:

Make	Model	Year	Color	Plate
Toyota		2017		

Output:

Plate	Make	Model	Year	Color	FName	LName	Reg. Date	Exp. Date
U5RFC	Toyota	Camry	2017	Blue	Roger	Peng	2017-11-29	2021-11-29
ABN76	Toyota	Raw 4	2017	Black	Jian	Jin	2019-01-02	2020-01-02

____ [2 point] Getting the correct information and returning correct records as shown in table above.

____ [1 point] Displaying correct owners.

____ [1 point] Displaying correct dates.

Search for the following car:

Make	Model	Year	Color	Plate
toyoTa		2017		

____ [1 point] Results should be the same.

Group of size 3 ____ [up to 5 deductions]

____ [-3 points] SQL injection attacks in the program is countered.

____ [-2 points] Password is not visible at the time of typing.

Others ____ [up to 5 deductions]

____ [-2 point] Program properly guides the users to perform the tasks

____ [-3 points] The system terminates only if the user explicitly chooses to do so (deduct 1 mark for each inappropriate termination with the maximum deduction of 3)

Reports ____ [12 points]

____ [3 points] General overview of the system with a small user guide

____ [3 points] A detailed design of the software with a focus on the components required to deliver the major functions of the application.

____ [2 points] Testing strategy

____ [4 points] Source code quality: easy to read and properly commented code (1 mark); data processing is pushed to SQL with as few queries as possible (1.5 marks); one-tuple-at-a-time processing instead of bringing the whole result and processing in python (1.5 marks).

Group Cooperation ____ [4 points]

____ [1 point] the project break-down between partners is well-explained.

____ [1 point] the time spent and the progress made for each partner is stated.

____ [1 point] the person responsible for each task is stated.

____ [1 point] the method of coordination is discussed.

Comments
