DELIVERABLE 3

Report Document

Group 7:

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NoSQL Query and SELECT Statements

1. NoSQL Query
2. LOCATION collection

db.createCollection("LOCATION");

db.LOCATION.insertOne({Location\_ID: 1, Location\_Name: "Midtown",

Address: "7897 McLaughlin Brampton, Ontario, Canada",

Tel: "2899466376", Email: "nguytheh@sheridancollege.ca"});

1. COACH collection

db.createCollection("COACH");

db.COACH.insertOne({Coach\_ID: 1, Coach\_Fname: "Sally", Coach\_Lname: "Afam",

Coach\_Level: 3, Rating: 5, Training\_Philosophy: "Gym is the best"});

1. CLIENT collection

db.createCollection("CLIENT");

db.CLIENT.insertOne({Client\_ID: 1, CLient\_Fname: "The Hai", Client\_Lname: "Nguyen",

Phone: "2899466376", Email: "nguytheh@sheridancollege.ca",

Home\_Location: 1});

1. SELECT Statements
2. Return all the information displayed on the Locations tab (wireframe 1)

SELECT L.Location\_Name, V.Visited\_Time

FROM LOCATION L

INNER JOIN VISIT V ON L.Location\_ID = V.Location\_ID

WHERE V.Client\_ID = 1;

1. Return all the information displayed on the Midtown Location tab (wireframe 1)

SELECT L.Location\_Name, L.Address, L.Tel, L.Email, A.Amenity, C.Coach\_Fname

FROM LOCATION L

INNER JOIN AMENITIES A ON L.Location\_ID = A.Location\_ID

INNER JOIN COACH\_LOCATION CL ON L.Location\_ID = CL.Location\_ID

INNER JOIN COACH C ON CL.Coach\_ID = C.Coach\_ID

WHERE L.Location\_ID = 1;

1. Return all the information displayed on the Coaches tab (wireframe 3)

SELECT Coach\_Fname, Coach\_Level, Rating

FROM COACH;

1. Return all the information displayed on the Coach Sally tab (wireframe 4)

SELECT C.Coach\_Fname, C.Coach\_Level, C.Rating, L.Location\_Name, C.Training\_Philosophy, CE.Certificate, CONCAT(CT.Client\_Fname,' ', CT.CLient\_Lname) AS 'Client name', CT.Phone, CT.Email

FROM COACH C

INNER JOIN COACH\_LOCATION CL ON C.Coach\_ID = CL.Coach\_ID

INNER JOIN LOCATION L ON CL.Location\_ID = L.Location\_ID

INNER JOIN CERTIFICATE CE ON C.Coach\_ID = CE.Coach\_ID

INNER JOIN REFERENCE R ON C.Coach\_ID = R.Coach\_ID

INNER JOIN CLIENT CT ON R.Client\_ID = CT.Client\_ID

WHERE C.Coach\_ID = 1;