![Database Analysis & Design INF10002 logo]
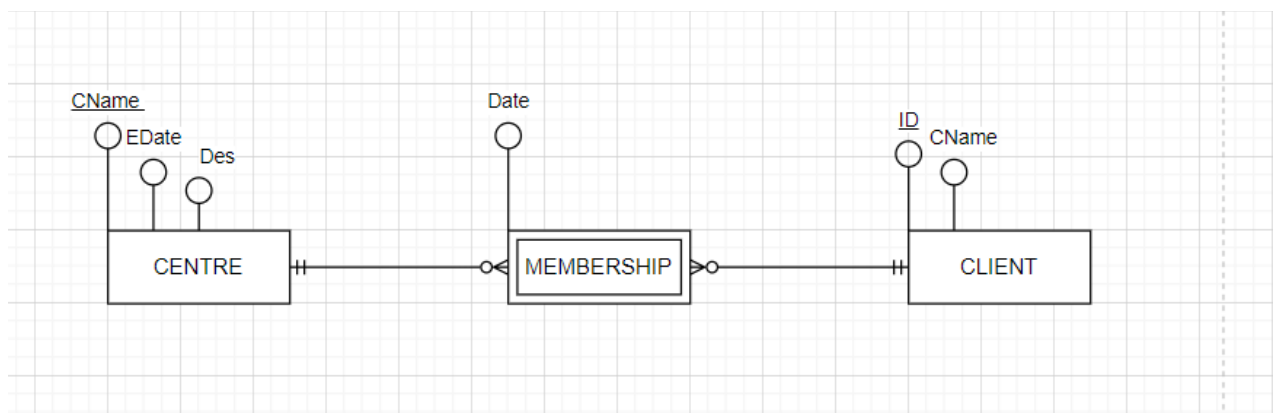
Task 5 – Pass Submission

Student Number: 103181157
Student Name: Nguyen Nam Tung

Pass 5a

Paste your screen capture(s) for this task here.

Pass 5b

Paste your screen capture(s) for this task here.

CENTRE (CName, Edate, Des)

PK (Cname)

CLIENT(ID, CName)

PK (ID)

MEMBERSHIP (CName, ID, Date)

PK (CName, ID)

FK (CName) REFERENCES CENTRE

FK (ID) REFERENCES CLIENT

Pass 5c

Paste your screen capture(s) for this task here.

DROP TABLE CENTRE;

DROP TABLE CLIENT;

DROP TABLE MEMBERSHIP;

CREATE TABLE CLIENT (

ID NUMBER,

CNAME VARCHAR (100),

PRIMARY KEY (ID)

);

CREATE TABLE CENTRE (

CNAME VARCHAR (100),

EDATE DATE,

DES VARCHAR (100),

PRIMARY KEY (SNAME)

);

CREATE TABLE MEMBERSHIP (

DATE DATE,

ID INT,

CNAME VARCHAR(100),

PRIMARY KEY (ID, Cname),

FOREIGN KEY (ID) REFERENCES CLIENT

FOREIGN KEY (CNAME) REFERENCES CENTRE

);

Pass 5d

Paste your screen capture(s) for this task here.

Normalisation: a database design technique used to create relational schema. It is often used as an alternative to ERDs, and it requires no diagram. It aims to achieve third Normal Form 3NF.

Pass 5e

Paste your screen capture(s) for this task here.

CustID	Name	Phone	CarRego	MakeModel	StartDate	ReturnDate
125	John Coles	0401112233	1AU8HK	Mazda 3	31/08/2020	7/09/2020
125	John Coles	0401112233	1LM3AB	Hyundai i30	14/11/2020	21/11/2020
278	Erin Trump	0466121455	1AU8HK	Mazda 3	12/09/2020	19/09/2020
278	Erin Trump	0466121455	1KA2CA	Toyota	1/10/2020	8/10/2020
278	Erin Trump	0466121455	1CZ8JK	Camry	10/11/2020	12/11/2020
278	Erin Trump	0466121455	1AU8HK	Mazda 3	26/11/2020	1/12/2020
721	Emma Knox	0423544117	1LM3AB	Hyundai i30	10/09/2020	13/09/2020

Pass 5e

Paste your screen capture(s) for this task here.