



الجامعة الإسلامية العالمية ماليزيا
INTERNATIONAL ISLAMIC UNIVERSITY MALAYSIA
يُونَيْتِي إِسْلَامُ، إِنْتَارَا بَغْسِيَا مِلْدِيَا

**INFO 2103 DATABASE PROGRAMMING
SECTION: 2**

SEMESTER 1 2018/2019

GROUP PROJECT

NUR ALIA ALYSHA BINTI ALIZAN	1613496
FATDZIRATUL AFIQAH BINTI ABDUL RADZI	1627808
FATIN ATIQA HUDA BT HUSSIN	1629110
NIK NUR FATIN AISHAH BT NIK HASSAN BASHRI	1627846

SUPERVISED BY: DR. MIRA KARTIWI

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1.0 DATA DICTIONARY (DDL SCRIPTS)

TASK 1

DROP TABLE ASSIGNMENT cascade constraints;

DROP TABLE SKILL cascade constraints;

DROP TABLE SHELTER cascade constraints;

DROP TABLE VOLUNTEER cascade constraints;

DROP TABLE STAFF cascade constraints;

CREATE TABLE STAFF

(SID NUMBER(3) NOT NULL,
S_NAME VARCHAR2(25) NOT NULL,
S_ADDRESS VARCHAR2(40) NOT NULL,
S_EMAIL VARCHAR2(25) NOT NULL,
S_PHONE VARCHAR2(15) NOT NULL,
 CONSTRAINT STAFF_SID_PK PRIMARY KEY(SID));

CREATE TABLE VOLUNTEER

(VID NUMBER(3) NOT NULL,
V_NAME VARCHAR2(25) NOT NULL,
V_ADDRESS VARCHAR2(40) NOT NULL,
V_DOB DATE,
V_EMAIL VARCHAR2(25) NOT NULL,
V_PHONE VARCHAR2(15) NOT NULL,
 CONSTRAINT VOLUNTEER_VID_PK PRIMARY KEY(VID));

CREATE TABLE SHELTER

(SHID NUMBER(3) NOT NULL,
SH_NAME VARCHAR2(20) NOT NULL,
SH_ADDRESS VARCHAR2(40) NOT NULL,

```

SH_PHONE          VARCHAR2(15),
SID               NUMBER(3) NOT NULL,
CONSTRAINT SHELTER_SHID_PK PRIMARY KEY(SHID),
CONSTRAINT SHELTER_SID_FK FOREIGN KEY(SID)
REFERENCES STAFF);

```

```

CREATE TABLE SKILL
(SKID             NUMBER(3) NOT NULL,
VID              NUMBER(3) NOT NULL,
SK_NAME          VARCHAR2(40) NOT NULL,
SK_CERTIFICATION VARCHAR2(25),
SK_CERTDATE      VARCHAR2(15) NOT NULL,
CONSTRAINT SKILL_SKID_PK PRIMARY KEY(SKID),
CONSTRAINT SKILL_VID_FK FOREIGN KEY(VID)
REFERENCES VOLUNTEER);

```

```

CREATE TABLE ASSIGNMENT
(AID              NUMBER(3) NOT NULL,
VID              NUMBER(3) NOT NULL,
SHID             NUMBER(3) NOT NULL,
START_DATE       DATE NOT NULL,
FINISH_DATE      DATE NOT NULL,
JOB_ROLE         VARCHAR2(50),
PRIMARY KEY(AID),
CONSTRAINT ASSIGNMENT_VID_FK FOREIGN KEY(VID)
REFERENCES VOLUNTEER,
CONSTRAINT ASSIGNMENT_SHID_FK FOREIGN KEY(SHID)
REFERENCES SHELTER);

```

TASK 2

```
INSERT INTO VOLUNTEER VALUES(101,'Syafiq Rahim', 'Jalan Merlimau,Negeri Sembilan',  
TO_DATE('21-AUG-1984'), 'syafiqrahim@gmail.com','019-8876543');
```

```
INSERT INTO VOLUNTEER VALUES(102,'Nabil Ahmad','Taman Melawati, Kuala Lumpur',  
TO_DATE('05-SEP-1987'),'nabilahmad@gmail.com','012-9973124');
```

```
INSERT INTO VOLUNTEER VALUES(103,'Sharifah Aleya','Taman Matahari,Cheras',  
TO_DATE('28-APR-1990'),'shaleya@gmail.com','010-4352678');
```

```
INSERT INTO VOLUNTEER VALUES(104,'Maria Sabri','Taman Bunga, Kelantan',  
TO_DATE('14-JAN-1980'),'sabrimaria@gmail.com','019-8845361');
```

```
INSERT INTO VOLUNTEER VALUES(105,'Amira Rosli','Jalan Santubung, Sabah',  
TO_DATE('19-FEB-1990'),'amiraros@gmail.com','0111-7657721');
```

```
INSERT INTO VOLUNTEER VALUES(106,'Amar Nafees','Taman Kenyalang,Sarawak',  
TO_DATE('16-JUN-1996'),'nafeesamr@gmail.com','018-7762987');
```

```
INSERT INTO VOLUNTEER VALUES(107,'Syafiq Isa','Johor Bharu,Johor',  
TO_DATE('07-JUL-1987'),'syafiqisa@gmail.com','017-7433434');
```

```
INSERT INTO VOLUNTEER VALUES(108,'Mohd Rafiq','Jitra,Kedah',  
TO_DATE('18-MAY-1985'),'rafiqmohd@gmail.com','016-4434354');
```

```
INSERT INTO VOLUNTEER VALUES(109,'Izzuddin Azhan','Georgetown, Penang',  
TO_DATE('02-DEC-1996'),'izzuddinazahan@gmail.com','014-4352786');
```

```
INSERT INTO VOLUNTEER VALUES(110,'Alia Alysha','Bangi, Selangor',  
TO_DATE('04-JUN-1996'),'aliaalyskaa@gmail.com','019-9699323');
```

```
INSERT INTO VOLUNTEER VALUES(111,'Fatdziratul Afiqah','Ipoh,Perak',  
TO_DATE('09-OCT-1996'),'afiqahftd@gmail.com','018-6754234');
```

```
INSERT INTO VOLUNTEER VALUES(112,'Fatin Huda','Kuantan,Pahang',  
TO_DATE('28-FEB-1998'),'ftnhuda@gmail.com','019-6758829');
```

```
INSERT INTO VOLUNTEER VALUES(113,'Nik Aqilah','Padang Besar,Perlis',  
TO_DATE('13-JUL-1997'),'nkaqilah@gmail.com','014-8827997');
```

```
INSERT INTO VOLUNTEER VALUES(114,'Amar Ahyan','Setapak,Kuala Lumpur',  
TO_DATE('05-MAR-1990'),'amarahyan@gmail.com','017-9987665');
```

```
INSERT INTO VOLUNTEER VALUES(115,'Alif Syukri','Alor Setar,Kedah',  
TO_DATE('03-MAR-1989'),'alifsyukri@gmail.com','017-6562287');
```

```
INSERT INTO STAFF VALUES (201,'Farok Hussein','Wangsa Melawati, Kuala Lumpur',  
'farokhussein@gmail.com','014-6755262');
```

```
INSERT INTO STAFF VALUES (202,'Faridah Isa','Jalan Hang Tuah, Melaka',  
'faridahisa@gmail.com','013-8297736');
```

```
INSERT INTO STAFF VALUES (203,'Marwan Halim','Tanah Merah, Kelantan',  
'marhalim@gmail.com','012-6281821');
```

INSERT INTO STAFF VALUES (204,'Halim Othman','Bukit Merah, Perak',
'halimothman@gmail.com','019-7782933');

INSERT INTO STAFF VALUES (205,'Mariam Musa','Taiping,Perak',
'mariammusa@gmail.com','010-8293381');

INSERT INTO STAFF VALUES (206,'Khalidah Ahmad','Besut,Terengganu',
'khalidahmad@gmail.com','011-8277381');

INSERT INTO STAFF VALUES (207,'Khalid Saifullah','Permatang Pauh, Penang',
'kkalidsaiful@gmail.com','019-9928391');

INSERT INTO STAFF VALUES (208,'Khawarizmi Ahmad','Bentong, Pahang',
'khawahmad@gmail.com','018-8299371');

INSERT INTO STAFF VALUES (209,'Aida Hussin','Lenggong, Perak',
'aidahussin@gmail.com','016-8264511');

INSERT INTO STAFF VALUES (210,'Rejab Mohd','Broga, Negeri Sembilan',
'rejabmohd@gmail.com','010-9255142');

INSERT INTO STAFF VALUES (211,'Michelle Yeoh','Kajang, Selangor',
'yeohmich@gmail.com','012-6371282');

INSERT INTO STAFF VALUES (212,'Jarjit Singh','Semenyih,Selangor',
'jarjit@gmail.com','019-8269372');

INSERT INTO STAFF VALUES (213,'Lee Kim Yoh','Bunut Susu, Kelantan',
'lkyoh@gmail.com','019-8263822');

INSERT INTO STAFF VALUES (214,'Maria Johan','Merlimau, Negeri Sembilan',
'mariajohan@gmail.com','019-1286717');

INSERT INTO STAFF VALUES (215,'Rozita Ahmad','Jalan Limau,Terengganu',
'rozitahmad@gmail.com','014-9200283');

INSERT INTO SHELTER VALUES (459,'Shelter 1','32-35,Jalan Seda,Sulawesi,Indonesia',
'6758-2983',201);

INSERT INTO SHELTER VALUES (422,'Shelter 2','567,Jalan Panahan,Sulawesi, Indonesia',
'6738-2983',201);

INSERT INTO SHELTER VALUES (453,'Shelter 3','21,Jalan Moh Yamin,Sulawesi, Indonesia',
'6731-2983',201);

INSERT INTO SHELTER VALUES (444,'Shelter 4','PT 23,Jalan
Paman,Sumatra,Indonesia','6738-0785',204);

INSERT INTO SHELTER VALUES (424,'Shelter 5','9879,Jalan
Pratama,Sumatra,Indonesia','6708-4785',205);

INSERT INTO SHELTER VALUES (423,'Shelter 6','PT 44,Jalan
Sukamula,Sumatra,Indonesia','6038-4785',206);

INSERT INTO SHELTER VALUES (428,'Shelter 7','456, Melanau
St,Mindanao,Philippines','3216-984',207);

INSERT INTO SHELTER VALUES (421,'Shelter 8','PO 57, St.George
St,Mindanao,Philippines','3242-984',208);

INSERT INTO SHELTER VALUES (476,'Shelter 9','440, Kilamau
St,Mindanao,Philippines','3236-984',209);

INSERT INTO SHELTER VALUES (485,'Shelter 10','PO 527,
Manwa,Negros,Philippines','3216-765',210);

INSERT INTO SHELTER VALUES (435,'Shelter 11','PO 3245,
Zambao,Negros,Philippines','3206-765',211);

INSERT INTO SHELTER VALUES (465,'Shelter 12','54 Sama St,Negros,Philippines','3246-
765',212);

INSERT INTO SHELTER VALUES (493,'Shelter 13','29,Jalan Tunku Halimah,Tawau,
Sabah','9665-425',213);

INSERT INTO SHELTER VALUES (443,'Shelter 14','PT 678, Jalan Robinson,Tawau,
Sabah','9655-425',214);

INSERT INTO SHELTER VALUES (490,'Shelter 15','PT 56, Jalan Jesselton,Tawau,
Sabah','9645-425',215);

INSERT INTO SKILL

VALUES (301,101,'Medical','General Medical Cert',
TO_DATE('16-JUL-2015'));

INSERT INTO SKILL (skid,vid,sk_name,sk_certification,sk_certdate)

VALUES (302,102,'Medical','General Medical Cert',
TO_DATE('25-AUG-2013'));

INSERT INTO SKILL (skid,vid,sk_name,sk_certification,sk_certdate)

VALUES (303,103,'Medical','General Medical Cert',
TO_DATE('30-DEC-2016'));

INSERT INTO SKILL (skid,vid,sk_name,sk_certification,sk_certdate)

VALUES (304,104,'Medical','General Medical Cert',
TO_DATE('14-MAY-2011'));

INSERT INTO SKILL (skid,vid,sk_name,sk_certification,sk_certdate)

VALUES (305,105,'Medical','General Medical Cert',
TO_DATE('28-FEB-2014'));

INSERT INTO SKILL (skid,vid,sk_name,sk_certification,sk_certdate)

VALUES (306,106,'Teaching','Education Cert',
TO_DATE('16-JUL-2014'));

INSERT INTO SKILL (skid,vid,sk_name,sk_certification,sk_certdate)

VALUES (307,107,'Teaching','Education Cert',
TO_DATE('06-JUN-2016'));

```
INSERT INTO SKILL (skid,vid,sk_name,sk_certification,sk_certdate)
VALUES (308,108,'Teaching','Education Cert',
TO_DATE('26-JUL-2015'));
```

```
INSERT INTO SKILL (skid,vid,sk_name,sk_certification,sk_certdate)
VALUES (309,109,'Teaching','Education Cert',
TO_DATE('11-APR-2014'));
```

```
INSERT INTO SKILL (skid,vid,sk_name,sk_certification,sk_certdate)
VALUES (310,110,'Teaching','Education Cert',
TO_DATE('25-JUL-2012'));
```

```
INSERT INTO SKILL (skid,vid,sk_name,sk_certification,sk_certdate)
VALUES (311,111,'Nutrition','Nutritionist Cert',
TO_DATE('16-JUL-2015'));
```

```
INSERT INTO SKILL (skid,vid,sk_name,sk_certification,sk_certdate)
VALUES (312,112,'Nutrition','Nutritionist Cert',
TO_DATE('04-JUL-2010'));
```

```
INSERT INTO SKILL (skid,vid,sk_name,sk_certification,sk_certdate)
VALUES (313,113,'Nutrition','Nutritionist Cert',
TO_DATE('30-MAR-2015'));
```

```
INSERT INTO SKILL (skid,vid,sk_name,sk_certification,sk_certdate)
VALUES (314,114,'Nutrition','Nutritionist Cert',
TO_DATE('16-OCT-2012'));
```

```
INSERT INTO SKILL (skid,vid,sk_name,sk_certification,sk_certdate)
VALUES (315,115,'Nutrition','Nutritionist Cert',
TO_DATE('06-SEP-2015'));
```

```
INSERT INTO ASSIGNMENT (aid,vid,shid,start_date,finish_date,job_role)
VALUES(501,101,459,TO_DATE('15-JAN-2019'),
TO_DATE('20-JAN-2019'),'Handling food and drink');
```

```
INSERT INTO ASSIGNMENT (aid,vid,shid,start_date,finish_date,job_role)
VALUES(502,106,428,TO_DATE('21-JAN-2019'),
TO_DATE('26-JAN-2019'),'Handling food and drink');
```

```
INSERT INTO ASSIGNMENT(aid,vid,shid,start_date,finish_date,job_role)
VALUES(503,111,459,TO_DATE('15-JAN-2019'),
TO_DATE('26-JAN-2019'),'Handling food and drink');
```

```
INSERT INTO ASSIGNMENT (aid,vid,shid,start_date,finish_date,job_role)
VALUES(504,102,493,TO_DATE('05-JAN-2019'),
TO_DATE('26-JAN-2019'),'Find safe place for victims and volunteers');
```

```
INSERT INTO ASSIGNMENT (aid,vid,shid,start_date,finish_date,job_role)
VALUES(505,107,444,TO_DATE('05-JAN-2019'),
TO_DATE('26-JAN-2019'),'Find safe place for victims and volunteers');
```

```
INSERT INTO ASSIGNMENT (aid,vid,shid,start_date,finish_date,job_role)
```

```
VALUES(506,103,459,TO_DATE('25-JAN-2019'),  
TO_DATE('31-JAN-2019'),'Handle the victims personal information');
```

```
INSERT INTO ASSIGNMENT (aid,vid,shid,start_date,finish_date,job_role)  
VALUES(507,108,444,TO_DATE('25-JAN-2019'),  
TO_DATE('31-JAN-2019'),'Handle the victims personal information');
```

```
INSERT INTO ASSIGNMENT (aid,vid,shid,start_date,finish_date,job_role)  
VALUES(508,113,493,TO_DATE('25-JAN-2019'),  
TO_DATE('31-JAN-2019'),'Handle the victims personal information');
```

```
INSERT INTO ASSIGNMENT (aid,vid,shid,start_date,finish_date,job_role)  
VALUES(509,104,459,TO_DATE('01-JAN-2019'),  
TO_DATE('25-JAN-2019'),'Find medical supply');
```

```
INSERT INTO ASSIGNMENT (aid,vid,shid,start_date,finish_date,job_role)  
VALUES(510,109,428,TO_DATE('01-JAN-2019'),  
TO_DATE('25-JAN-2019'),'Find medical supply');
```

```
INSERT INTO ASSIGNMENT (aid,vid,shid,start_date,finish_date,job_role)  
VALUES(511,114,493,TO_DATE('25-OCT-2018'),  
TO_DATE('25-DEC-2018'),'Donation');
```

```
INSERT INTO ASSIGNMENT (aid,vid,shid,start_date,finish_date,job_role)  
VALUES(512,105,485,TO_DATE('26-DEC-2018'),  
TO_DATE('24-JAN-2019'),'Donation');
```

```
INSERT INTO ASSIGNMENT (aid,vid,shid,start_date,finish_date,job_role)
VALUES(513,110,428,TO_DATE('25-OCT-2018'),
TO_DATE('25-FEB-2019'),'Donation');
```

```
INSERT INTO ASSIGNMENT(aid,vid,shid,start_date,finish_date,job_role)
VALUES(514,115,459,TO_DATE('26-DEC-2018'),
TO_DATE('24-JAN-2019'),'Donation');
```

```
INSERT INTO ASSIGNMENT (aid,vid,shid,start_date,finish_date,job_role)
VALUES(515,112,485,TO_DATE('26-DEC-2018'),
TO_DATE('24-JAN-2019'),'Donation');
```

2.0 SAMPLE DATA FOR EACH TABLE

TABLE VOLUNTEER

V_ID	V_NAME	V_ADDRESS	V_DOB	V_EMAIL	V_PHONE
101	Syafiq Rahim	Jalan Merlimau,Negeri Sembilan	21-AUG-84	syafiqrahim@gmail.com	019-8876543
102	Nabil Ahmad	Taman Melawati, Kuala Lumpur	05-SEP-87	nabilahmad@gmail.com	012-9973124
103	Sharifah Aleya	Taman Matahari,Cheras	28-APR-90	shaleya@gmail.com	010-4352678 104
104	Maria Sabri	Taman Bunga, Kelantan	14-JAN-80	sabrimaria@gmail.com	019-8845361
105	Amira Rosli	Jalan Santubung, Sabah	19-FEB-90	amiraros@gmail.com	0111-7657721
106	Amar Nafees	Taman Kenyalang,Sarawak	16-JUN-96	nafeesamr@gmail.com	018-7762987 107
107	Syafiq Isa	Johor Bharu,Johor	07-JUL-87	syafiqisa@gmail.com	017-7433434
108	108 Mohd Rafiq	Jitra,Kedah	18-MAY-85	rafiqmohd@gmail.com	016-4434354
109	Izzuddin Azhan	Georgetown, Penang	02-DEC-96	izzuddinazahan@gmail.com	014-4352786
110	Alia Alysha	Bangi, Selangor	04-JUN-96	aliaalyshaa@gmail.com	019-9699323

111	Fatdziratul Afiqah	Ipoh,Perak	09-OCT-96	afiqahftd@gmail.com	018-6754234
112	Fatin Huda	Kuantan,Pahang	28-FEB-98	ftnhuda@gmail.com	019-6758829
113	Nik Aqilah	Padang Besar,Perlis	13-JUL-97	nkaqilah@gmail.com	014-8827997
114	Amar Ahyan	Setapak,Kuala Lumpur	05-MAR-90	amarahyan@gmail.com	017-9987665
115	Alif Syukri	Alor Setar,Kedah	03-MAR-89	alifsyukri@gmail.com	017-6562287

TABLE STAFF

SID	S_NAME	S_ADDRESS	S_EMAIL	S_PHONE
201	Farok Hussein	Wangsa Melawati, Kuala Lumpur	farokhussein@gmail.com	014-6755262
202	Faridah Isa	Jalan Hang Tuah, Melaka	faridahisa@gmail.com	013-8297736
203	Marwan Halim	Tanah Merah, Kelantan	marhalim@gmail.com	012-6281821
204	Halim Othman	Bukit Merah, Perak	halimothman@gmail.com	019-7782933
205	Mariam Musa	Taiping,Perak	mariammusa@gmail.com	010-8293381
206	Khalidah Ahmad	Besut, Terengganu	khalidahmad@gmail.com	011-8277381
207	Khalid Saifullah	Permatang Pauh, Penang	kkalidsaiful@gmail.com	019-9928391
208	Khawarizmi Ahmad	Bentong, Pahang	khawahmad@gmail.com	018-8299371

209	Aida Hussin	Lenggong, Perak	aidahussin@gmail.com	016-8264511
210	Rejab Mohd	Broga, Negeri Sembilan	rejabmohd@gmail.com	010-9255142
211	Michelle Yeoh	Kajang, Selangor	yeohmich@gmail.com	012-6371282
212	Jarjit Singh	Semenyih, Selangor	jarjit@gmail.com	019-8269372
213	Lee Kim Yoh	Bunut Susu, Kelantan	lkyoh@gmail.com	019-8263822
214	Maria Johan	Merlimau, Negeri Sembilan	mariajohan@gmail.com	019-1286717
215	Rozita Ahmad	Jalan Limau, Terengganu	rozitahmad@gmail.com	014-9200283

TABLE SHELTER

SHID	SH_NAME	SH_ADDRESS	SH_PHONE	SID
459	Shelter 1	32-35, Jalan Seda, Sulawesi, Indonesia	6758-2983	201
422	Shelter 2	567, Jalan Panahan, Sulawesi, Indonesia	6738-2983	201
453	Shelter 3	21, Jalan Moh Yamin, Sulawesi, Indonesia	6731-2983	201
444	Shelter 4	PT 23, Jalan Paman, Sumatra, Indonesia	6738-0785	204
424	Shelter 5	9879, Jalan Pratama, Sumatra, Indonesia	6708-4785	205
423	Shelter 6	PT 44, Jalan Sukamula, Sumatra, Indonesia	6038-4785	206
428	Shelter 7	456, Melanau St, Mindanao, Philippines	3216-984	207
421	Shelter 8	PO 57, St. George St, Mindanao, Philippines	3242-984	208
476	Shelter 9	440, Kilanau St, Mindanao, Philippines	3236-984	209
485	Shelter 10	PO 527, Manwa, Negros, Philippines	3216-765	210
435	Shelter 11	PO 3245, Zambao, Negros, Philippines	3206-765	211
465	Shelter 12	54 Sama St, Negros, Philippines	3246-765	212

493	Shelter 13	29,Jalan Tunku Halimah,Tawau, Sabah	9665-425	213
443	Shelter 14	PT 678, Jalan Robinson,Tawau, Sabah	9655-425	214
490	Shelter 15	PT 56, Jalan Jesselton,Tawau, Sabah	9645-425	215

TABLE ASSIGNMENT

AID	VID	SHID	START_DATE	FINISH_DATE	JOB_ROLE
501	101	459	15-JAN-2019	20-JAN-2019	Handling food and drink
502	106	428	21-JAN-2019	26-JAN-2019	Handling food and drink
503	111	459	15-JAN-2019	26-JAN-2019	Handling food and drink
504	102	493	05-JAN-2019	26-JAN-2019	Find safe place for victims and volunteers
505	107	444	05-JAN-2019	26-JAN-2019	Find safe place for victims and volunteers
506	103	459	25-JAN-2019	31-JAN-2019	Handle the victims personal information
507	108	444	25-JAN-2019	31-JAN-2019	Handle the victims personal information
508	113	493	25-JAN-2019	31-JAN-2019	Handle the victims personal information
509	104	459	01-JAN-2019	25-JAN-2019	Find medical supply
510	109	428	01-JAN-2019	25-JAN-2019	Find medical supply
511	114	493	25-OCT-2018	25-DEC-2018	Donation
512	105	485	26-DEC-2018	24-JAN-2019	Donation
513	110	428	25-OCT-2018	25-FEB-2019	Donation
514	115	459	26-DEC-2018	24-JAN-2019	Donation
515	112	485	26-DEC-2018	24-JAN-2019	Donation

TABLE SKILL

SKID	VID	SK_NAME	SK_CERTIFICATION	SK_CERTDATE
301	101	Medical	General Medical Cert	16-JUL-2015
302	102	Medical	General Medical Cert	25-AUG-2013
303	103	Medical	General Medical Cert	30-DEC-2016
304	104	Medical	General Medical Cert	14-MAY-2011
305	105	Medical	General Medical Cert	28-FEB-2014
306	106	Teaching	Education Cert	16-JUL-2014
307	107	Teaching	Education Cert	06-JUN-2016
308	108	Teaching	Education Cert	26-JUL-2015
309	109	Teaching	Education Cert	11-APR-2014
310	110	Teaching	Education Cert	25-JUL-2012
311	111	Nutrition	Nutritionist Cert	16-JUL-2015
312	112	Nutrition	Nutritionist Cert	04-JUL-2010
313	113	Nutrition	Nutritionist Cert	30-MAR-2015
314	114	Nutrition	Nutritionist Cert	16-OCT-2012
315	115	Nutrition	Nutritionist Cert	06-SEP-2015

3.0 QUERIES AND RETURN RESULT-SETS OF THE QUERIES

TASK 3

Question 1

```
SQL> SELECT sh_name NAME , sh_address ADDRESS, sh_phone PHONE
2  FROM shelter JOIN assignment USING(shid)
3  GROUP BY sh_name, sh_address, sh_phone
4  HAVING COUNT(vid)=
5  ANY(SELECT COUNT(vid)
6  FROM assignment JOIN shelter
7  USING(shid)
8  having COUNT(vid) > 4
9  GROUP BY sh_name, sh_address, sh_phone);
```

NAME	ADDRESS	PHONE

Shelter 1	32-35,Jalan Seda,Sulawesi,Indonesia	6758-2983

Question 2

```
SQL> SELECT sh_name, COUNT(*) NUMBER_OF_VOLUNTEER
2  FROM shelter JOIN assignment USING(shid)
3  GROUP BY sh_name
4  HAVING COUNT(vid)=
5  (SELECT MAX(COUNT(vid))
6  FROM assignment JOIN shelter
7  USING(shid)
8  GROUP BY sh_name);
```

SH_NAME	NUMBER_OF_VOLUNTEER

Shelter 1	5

Question 3

SQL> SELECT s_name, count(sid) NUMBER_OF_SHELTER

2 FROM staff JOIN shelter USING(sid)

3 HAVING COUNT(sid) > 1

4 group by s_name;

S_NAME	NUMBER_OF_SHELTER

Farok Hussein	3

Question 4

SQL> SELECT V_NAME,VID,START_DATE,

FINISH_DATE,ROUND(MONTHS_BETWEEN(FINISH_DATE,START_DATE),2)

TOTAL_MONTHS

2 FROM ASSIGNMENT JOIN VOLUNTEER USING (VID)

3 WHERE ROUND(MONTHS_BETWEEN(FINISH_DATE,START_DATE),2) > 3;

V_NAME	VID	START_DAT	FINISH_DA	TOTAL_MONTHS

Alia Alysha	110	25-OCT-18	25-FEB-19	4

Question 5

```
SQL> SELECT v_name
      2 FROM volunteer JOIN assignment USING(vid)
      3 GROUP BY v_name
      4 HAVING COUNT(shid) IS NULL;
```

no rows selected

4.0 FUNCTIONS AND PROCEDURES

TASK 4

Question 1

```
SQL> @ "C:\Users\Fatin Aishah\Desktop\New folder\1s_procedure.sql"
```

Procedure created.

```
SQL> @ "C:\Users\Fatin Aishah\Desktop\New folder\1v_procedure.sql"
```

Procedure created.

```
SQL> @ "C:\Users\Fatin Aishah\Desktop\New folder\1s_anon.sql"
```

Register staff id: 123

Register staff name: ANA

Register staff address: GOMBAK

Register staff email: ANA@gmail.com

Register staff phone number: 12345

Staff registered

PL/SQL procedure successfully completed.

SQL> select*from staff where sid=123;

SID	S_NAME	S_ADDRESS
123	ANA	GOMBAK
ANA@gmail.com	12345	

SQL> @"C:\Users\Fatin Aishah\Desktop\New folder\1v_anon.sql"

Register volunteer id: 234

Register volunteer name: AINI

Register volunteer address: GOMBAK

Register volunteer date of birth: 01-DEC-1996

Register volunteer email: AINI@gmail.com

Register volunteer phone number: 12345678

Volunteer registered

PL/SQL procedure successfully completed.

```
SQL> SELECT*FROM VOLUNTEER WHERE VID=234;
```

VID	V_NAME	V_ADDRESS
234	AINI	GOMBAK
01-DEC-96	AINI@gmail.com	12345678

Question 2

```
SQL> @ "C:\Users\Fatin Aishah\Desktop\New folder\2countvolunteer.sql"
```

Function created.

```
SQL> @ "C:\Users\Fatin Aishah\Desktop\New folder\2countvolunteeranon.sql"
```

Staff ID:201

Shelter ID:459

Total volunteer is : 5

ALLOCATE TO OTHER SHELTER

PL/SQL procedure successfully completed.

Question 3

```
SQL> @ "C:\Users\Fatin Aishah\Desktop\New folder\3procedure.sql"
```


Procedure created.

```
SQL> @ "C:\Users\Fatin Aishah\Desktop\New folder\3anon.sql"
```

Enter volunteer id: 101

Enter the start date: 15-JAN-2019

Job Role: Handling food and drink

Shelter Name: Shelter 1

Staff Name: Farok Hussein

PL/SQL procedure successfully completed.

Question 4

```
SQL> @ "C:\Users\Fatin Aishah\Desktop\New folder\4logis_function.sql"
```

Function created.

```
SQL> @ "C:\Users\Fatin Aishah\Desktop\New folder\4logis_functionanon.sql"
```

Shelter ID: 459

Total number of volunteers: 5

Logistic Packs/Month: 60

PL/SQL procedure successfully completed.

```
SQL> @ "C:\Users\Fatin Aishah\Desktop\New folder\4logis_functionanon.sql"
```

Shelter ID: 444

Total number of volunteers: 2

Logistic Packs/Month: 25

PL/SQL procedure successfully completed.

5.0 MEMBERS' CONTRIBUTION IN THE PROJECT

MEMBER	TASK(S)
1. NUR ALIA ALYSHA BINTI ALIZAN	<ul style="list-style-type: none">• Task 2
2. FATDZIRATUL AFIQAH BINTI ABDUL RADZI	<ul style="list-style-type: none">• Task 4
3. FATIN ATIQA HUDA BT HUSSIN	<ul style="list-style-type: none">• Task 3
4. NIK NUR FATIN AISHAH BT NIK HASSAN BASHRI	<ul style="list-style-type: none">• Task 1• Task 3• Compile