WAYNE STATE UNIVERSITY
HUMAN RESOURCES

HANDOUT 1

Creating a Database with Tables

You work for a group of researchers who conduct various studies. The researchers seek participants to volunteer in their studies. You want your database to keep track of which researcher conducts which studies and which participants participated in which studies. You have three units of information (three tables) and gather all the information (fields) needed for each table. Remember each table should only be about one thing. To prevent duplicate records, you should always assign a unique identifier (primary key) in each table as well.

As you create the tables, think about what data types and properties you might assign to each field. Being familiar with the kind of records you want to keep and how you want to use that data will help you determine data types and properties. Refer to the Job Aids as needed.

Database Name: Participant Studies

Table Name: Research Personnel

Table Fields:
PersonnelID
FName
LName
Phone
Email

Records:

PersonnelID	LName	FName	Phone	Email
SMI1001	Smith	John	(313) 555-0001	smi@clinic1.com
KEN1002	Kennedy	Casey	(313) 555-0002	ken@clinic1.com
GEO1003	Georg	Alex	(313) 555-0003	geo@clinic1.com
RIL1004	Riley	Vijay	(313) 555-0004	ril@clinic1.com
CAP1005	Capling	Jane	(313) 555-0005	cap@clinic1.com

Table Name: Participants

Table Fields: ParticipantID
FName
LName
Address
City
State
Zip
Phone
Age
Gender

Records:

ParticipantID	LName	FName	Address	City	State	Zip	Phone	Age	Gender
7273	Brown	Jean	123 1st Street	Detroit	MI	48202	(313) 555-1111	27	Female
5678	Marley	Gail	567 2nd Avenue	Livonia	MI	48150	(248) 555-2222	35	Female
9101	Krager	Dave	910 3rd Court	Ann Arbor	MI	48103	(734) 555-3333	48	Male
9697	Wilcox	Luke	121 4th Street	Redford	MI	48239	(313) 555-4444	59	Male
5253	Lutten	Eddie	151 5th Bvld	Ferndale	MI	48220	(313) 555-5555	69	Male
8081	Hailey	Wendy	718 6th Street	Detroit	MI	48202	(313) 555-6666	37	Female
6869	Bedecs	Anna	192 7th Street	Warren	MI	48088	(586) 555-7777	48	Female
8889	Goldschmidt	Antonio	212 8th Street	Troy	MI	48084	(248) 555-8888	58	Male
2223	Hasselberg	Thomas	324 9th Street	Detroit	MI	48202	(313) 555-9999	79	Male
2425	Lee	Christina	526 10th Street	Livonia	MI	48150	(248) 555-1010	18	Female
2829	ODonnell	Martin	728 11th Street	Ann Arbor	MI	48103	(734) 555-1111	22	Male
3031	Andersen	Elizabeth	930 12th Street	Redford	MI	48239	(313) 555-1212	33	Female
6465	Wacker	Sven	313 13th Street	Ferndale	MI	48220	(313) 555-1313	56	Male
3637	Edwards	Roland	334 14th Street	Detroit	MI	48202	(313) 555-1414	51	Male
8485	Ludick	Peter	536 15th Street	Warren	MI	48088	(586) 555-1515	26	Male
4243	Bagel	Carlos	738 16th Street	Troy	MI	48084	(248) 555-1616	29	Male
4647	Rodman	Helena	940 17th Street	Detroit	MI	48202	(313) 555-1717	34	Female
4849	Kupkova	Daniel	142 18th Street	Livonia	MI	48150	(248) 555-1818	39	Male
9293	Grilo	George	344 19th Street	Ann Arbor	MI	48103	(734) 555-1919	46	Male
7677	Ramos	Bernard	546 20th Street	Redford	MI	48239	(313) 555-2020	38	Male

Table Name: Research Study

Table Fields: StudyID
Type
Topic
Date of Study
Time
Duration

Records:

StudyID	Type	Topic	Date of Study	Time of Study	Duration
KARM01	Placebo	Drug Discovery	3/15/2013	3:00 PM	2
KARM02	Case, Clinical, Double-Blind	Biotechnology	4/9/2013	1:00 PM	2
KARM03	Placebo, Random	Epidemiology	5/4/2013	2:00 PM	3
KARM04	Clinical, Observational	Pharmacology	3/9/2013	5:00 AM	1
KARM05	Clinical, Cross-Sectional	Biotechnology	6/29/2013	4:00 PM	4
KARM06	Longitudinal	Epidemiology	8/22/2013	2:00 AM	5
KARM07	Case, Cross-Sectional	Pharmacology	7/11/2013	6:00 AM	2
KARM08	Blind, Case, Genetic	Drug Discovery	3/8/2013	3:00 PM	3
KARM09	Genetic, Observational	Epidemiology	4/4/2013	1:00 PM	1
KARM10	Observational, Placebo	Pharmacology	6/17/2013	2:00 PM	4
KARM11	Case, Double-Blind, Genetic	Drug Discovery	7/19/2013	5:00 AM	2
KARM12	Observational	Epidemiology	8/6/2013	4:00 PM	3
KARM13	Observational, Placebo	Drug Discovery	5/8/2013	2:00 AM	3

Do not enter the data records at this time. You will create form in the next section of this learning program that can be used to enter data records into the Research Study table.