**People** (username, memID, position, firstName, lastName, address, dateOfBirth)

username variable string of up to 15 characters, and is the primary key

memID – fixed string of 7 characters

position – variable length string up to 20 characters, may not be null

firstName –variable length string up to 25 characters

lastName –variable length string up to 25 characters

address – variable length string up to 50 characters

dateofBirth – holds a date

memberFrom - date

renewal Date - date

**Dogs** (dogID, memID, dogName, trainingLevel, pedigreeName, breed, vaccination, microchipped, desexed)

dogID – int -and is the primary key

memID – FK from people

dogName – variable length string up to 30 characters

trainingLevel – is an integer

pedigreeName – variable length string up to 15 characters

breed – variable length string up to 15 characters

vaccination – Boolean

microchipped – Boolean

desexed – Boolean

**Shows** (showID, showName, startDate, endDate)

showID – fixed string of 6 characters, is the primary key

showName – variable string of up to 25 characters

startDate – holds a date

endDate – holds a date

**DogsInShow**(showID, dogID, results)

dogID – foreign key referencing Dogs

showID –Foreign key referencing shows showID

results – variable length string of up to 150 characters

**TrainingClass** (classID, className, classType , memberID, startTime, endTime)

classID – is a fixed string of 5 characters, and is the primary key

className – a variable string of up to 20 characters

memberID - fixed string of 5 characters, and is a foreign key referencing Trainers

classType – is a variable string up to 15 characters

startTime – datetime holds a start time

endTime – datetime holds a end time

**TrainingRecords** (classID, dogID, grade , trainingNotes)

classID – is a fixed string of 5 characters, and is the primary key fk trainingClass

dogID – int - is a foreign key referencing Dogs

trainingNotes – is a variable string up to 150 characters

grade – is a variable string up to 2 characters

**Example Data**

**Members**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ***memID*** | ***Position*** | ***firstName*** | ***lastName*** | ***address*** | ***dateOfBirth*** |
| M00001 | General | Dave | Davidson | 8 Madeup Street, West Lakes, 5023 | 25/12/1982 |
| M00002 | President | Greggy | Pipp | 8 Madeup Street, Springfield, 5044 | 03/04/1955 |
| M00003 | General | Adam | Chef | 8 Madeup Street, Narnia, 5000 | 11/05/1991 |

**Session**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ***sessionID*** | ***classID*** | ***Grade*** | ***startTime*** | ***endTime*** | ***date*** |
| SES9991234 | CLA001 | A+ | 12:00 | 14:00 | 14/05/2014 |
| SES9991235 | CLA002 | B- | 9:00 | 11:00 | 17/05/2014 |
| SES9991236 | CLA003 | F | 7:00 | 10:00 | 22/05/2014 |