# Each entity becomes a relation

CLIENT(ClientID, [pk] Address)

STAFF(StaffID, [pk] Name, SexualOrientation, Age)

QUALIFICATION(QualificationName, [pk] StaffID, [fk] Details)

MANAGER(ManagerID, [pk] StaffID, [fk] details)

DIAGNOSIS(DiagnosisCode, [pk] MedicalPractitionerID, [fk])

SERVIES(ServiceCode, [pk] Description)

FUNDINGBODY(FunderID, [pk] Details)

MOBILITYTEST(TestID, [pk] Details)

MOBILITYTESTFACILITY(FacilityCode, [pk] TestID, [fk] Details)

MEDICALPRACTITIONER(MedicalPractitionerID, [pk] Name)

TESTRESULTS(ResultID, [pk], Details)

# Each many-to-many relationship becomes a relation

METBY(ClientID, StaffID, [pk] Details)

HAS(ClientID, DiagnosisCode, [pk] Details)

# Each one-to-many relationship is represented by a foreign key

STAFF(StaffID, [pk] Name, SexualOrientation, Age, QualificationName, [fk])

STAFF(Staf ID, [pk] Name, SexualOrientation, Age, ManagerName, [fk])

CLIENT(ClientID, [pk] Address, TestID, [fk])

MOBILITYTEST(TestID, [pk] Details, FacilityCode, [fk])

SERVIES(ServiceCode, [pk] Description, FunderID, [fk])

SERVIES(ServiceCode, [pk] Description, DiagnosisCode, [fk])

MEDICALPRACTITIONER(MedicalPractitionerID, [pk] Name, DiagnosisCode, [fk])

TESTRESULTS(ResultID, [pk], Details, FacilityCode, [fk])

# Write out the final relational schema

CLIENT(ClientID, [pk] Address, TestID, [fk])

METBY(ClientID, StaffID, [pk] Details)

HAS(ClientID, DiagnosisCode, [pk] Details)

STAFF(StaffID, [pk] Name, SexualOrientation, Age, QualificationName, [fk1] ManagerName, [fk2])

QUALIFICATION(QualificationName, [pk] Details, StaffID, [fk])

MANAGER(ManagerName, [pk] StaffID, [fk] Details)

DIAGNOSIS(DiagnosisCode, [pk] Description, MedicalPractitionerID, [fk])

SERVIES(ServiceCode, [pk] Description, FunderID, [fk1] DiagnosisCode, [fk2])

FUNDINGBODY(FunderID, [pk] Details)

MOBILITYTEST(TestID, [pk] Details, FacilityCode, [fk])

MOBILITYTESTFACILITY(FacilityCode, [pk] Details, TestID, [fk])

MEDICALPRACTITIONER(MedicalPractitionerID, [pk] Name, DiagnosisCode, [fk])

TESTRESULTS(ResultID, [pk], Details, FacilityCode, [fk])