**Relational Translation (OG version)**

Midwife(PractID, Name, Email, PhoneNum);  
BackupWife(BckUpID, PrimaryWife);  
OnlineInfoSession(SessionID, Language, Date, Time, PractID); foreign key PractID ref. to Midwife  
Couple(LoginID, PregnancyExp, MomRAMQ, DadRAMQ); foreign keys MomRAMQ ref. to Mother, DadRAMQ ref. to father  
Attendance(LoginID, SessionID); Part. constraint on Parents/Couple  
Mother(MomRAMQ,Name,Address,Phone,DOB,Email,Profession,Bloodtype,DueDate);  
Father(DadRAMQ,Name,Address,Phone,DOB,Email,Profession,Bloodtype);  
SignUp(MomRAMQ, DadRAMQ, Website); foreign key Mom/DadRAMQ ref. to Mother + Father. Part. constraint on Mother-SignUp  
Discussion(PractID, MomRAMQ, FinalDueDate); foreign keys PractID, MomRAMQ ref to Midwife,Mother  
Assignment(PractID, LoginID, Name, Address); Foreign keys PractID ref to Midwife, LoginID ref to Couples, Name,Adress ref to Institutions  
Baby(MomRAMQ, TIMEOB, DATEOB, Gender, Name, Bloodtype); foreign key MomRAMQ ref Mother  
Institutions(Email,  Name,  Address, Phone, Website);  
LocationOfBirth(Email);  
Home(Email);  
BirthingCenter(Email);  
CommunityClinic(Email);  
Association(Email, PractID); foreign key email ref to BirthingCenter+CommunityClinic, PractID ref to Midwife. Part. constraint on Midwife  
Labs(LabID, LabAddr, LabName, TestType);  
Referral(LabID, PractID); foreign key LabID ref to Labs, PractID ref to Midwife  
Results(ResultID, BloodType, DatingUltraDueDate, MenstrualDueDate, BabyGender, NumOfBabies);  
Generate(LabID,  ResultID); foreign key LabID ref Labs, ResultID ref results. Part constraint on result.  
Technician(TechID, Phonenum, TechName);  
UpdateResult(ResultID, TechID); foreign key ResultID ref Result, TechID ref Technician. Part. constrain on result  
Sample/Tests(SampleID, Type, DatePresc, DateTaken, DateDone);  
Collection(SampleID, LabID); Foreign key SampleID ref Samples/Test, LabID ref Labs. Part. constraint on Samples/Tests  
Appointments(ApptID, Frequency);  
Records(ApptID, MomRAMQ, AppointedMidwife); foreign keys ApptID ref Appointments, MomRAMQ ref Mother.  
Notes(NoteID, DateCreated, TimeCreated);  
Creation(NoteID, SampleID, Appt ID); foreign keys NoteID ref Notes, SampleID ref Samples/Tests, ApptID ref Appointments.

**Relational Translation (attempt at cleaner version)**

1. Mother(MomRAMQ,Name,Address,Phone,DOB,Email,Profession,Bloodtype,DueDate);
2. Father(DadRAMQ,Name,Address,Phone,DOB,Email,Profession,Bloodtype);
3. Couple(LoginID, PregnancyExp, MomRAMQ, DadRAMQ); foreign keys MomRAMQ ref. to Mother, DadRAMQ ref. to father
4. Institutions(Email,  Name,  Address, Phone, Website);
5. LocationOfBirth(Email);
6. Home(Email);
7. BirthingCenter(Email);
8. CommunityClinic(Email);
9. Midwife(PractID, Name, Email, PhoneNum, email); foreign key email ref to Institutions
10. Technician(TechID, Phonenum, TechName);
11. PregnancyResult(ResultID, BloodType, ExpectDueDate, DatingUltraDueDate, MenstrualDueDate, BabyGender, NumOfBabies, loginID, practID, BckUpID, Email); loginID ref to Couple, practID ref Midwife, bckUpID ref MidWife(BackUp), email ref to Insitutions
12. Baby(MomRAMQ, TIMEOB, DATEOB, Gender, Name, Bloodtype); foreign key MomRAMQ ref Mother
13. Sample/Tests(SampleID, Type, DatePresc, DateTaken, DateDone, PractID, ResultID, TechID); PractID ref to Midwife, ResultID ref to PregnancyResult, TechID ref to Technician
14. OnlineInfoSession(SessionID, Language, Date, Time, PractID); foreign key PractID ref. to Midwife
15. Appointments(ApptID, Frequency, PractID, MomRAMQ,); PractID ref to Midwife, MomRAMQ ref to mother
16. Notes(NoteID, DateCreated, TimeCreated, ApptID); apptID ref to Appointments
17. InforSessionAttendance(SessionID, LoginID, attended) part. Constraint on couple