Operating system used: Windows

Tables: I used a total of 7 tables to represent my data, 2 of which I used as linking tables; job_skills and applicant_skills. I linked the tables Job_details and skills using job_skills and I linked the tables applicant_details and skills using applicant_skills. I did this by using a one to many relationship with the appropriate foreign keys.

I encountered a few problems when I was constructing my linking tables due to the fact that several of them had duplicate rows. This meant that neither of the Ids could be a primary key and therefore I could not access that table. I resolved this by adding a third ID simply as an index for accessing the table.

Reaction policies: I did not use reaction policies as I felt I did not need them.

Foreign keys: I used foreign keys with the table applicant_skills to link applicant_details and skills. I also used foreign keys with the table job_skills to link the tables job_details and skills. Finally, I linked the university_details and job_details table using the interview details table.

Stored procedures: I did not have 'Research' as one of my skills, so I have replaced it with the skill 'Councillor'. I have individual stored procedures for adding rows to each of my tables along with all of the required procedures.

Entity Relationship diagram: