Since the last two assignments are fairly easily done together, I decided to put them together and have you submit them at the same time. Your assignment is to perform the requested tasks and submit the deliverables as a team. Having developed your Logical DFD’s, Logical ERD’s, and Input Screens and Output Forms, it’s time to get physical. This assignment will involve you doing Implementation (physical) DFD’s and ERD’s for your system, and actually putting together tables, forms and reports in Microsoft Access. In both cases, since you have done a thorough job of developing Logical DFD’s and ERD’s, you should now be able to implement these using Access.

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**The assignment deliverables**

The Assignment 5 portion of this is as follows: Using the preceding information (and everything from the past assignments) as your guide, your assignment is to implement the system by building tables, forms and reports in Microsoft Access. The database tables, reports, forms, and any processing logic should be implemented fully in the database. This includes (but is not limited to) assignment of foreign keys, data types, field lengths. This also includes the assurance of referential integrity between your tables. The Assignment 6 portion requires you to put everything together, and make it work. It also means doing up documentation (2-3 pages) to explain to the user how to use the system. It also involves using test data provided to develop a sample report.

You are be required to generate queries to create tables with the information necessary to create the EEOC reports. This will require that you draw out the appropriate data, do some calculations, and then make this available to the Access report generator to print out the reports. The final report should have all of the general data and proper formatting. Don’t worry about the graphics from the original case, but do put in nice headers, boxes, etc., where applicable. The report should pull in the project ID and description from the project table. You’ll need to build another query to do this. These are, by the way, the correct numbers for the Adams County Project. You should generate a report for all three projects, for the week ending September 29, 1995. The reports should include all of the information Mary would need to fill out the EEOC compliance reports.

For your information, I have built the start of your final project, and it is available by clicking the link on the Assignments page. It has one of the queries, one of the sub reports, all of the forms, and all of the sample data you will need for this assignment. You only need to add a few queries and sub-reports. Merry Christmas early, but be advised that you should look over the field lengths and data types, to see if these need changing. Also, be advised that my input forms and output reports don’t look nearly as nice as the ones you sent in (mine is simply a proof of concept prototype - this is simply FYI - I don’t intend for you to change the forms or reports).

**Deliverables**

- An EEOC compliance report (for the Adams County Project) for the week ending September 29, 1995.
- The database in its FINAL state should be emailed to me.
- A detailed sheet that describes all of the tables, forms, reports, and queries in your database. This should include at a minimum their name and purpose.
- A detailed set of user documentation for the end user.