Overview

You will design, develop, test and deploy a relational model database with a minimum of 5 tables and have a minimum of 5 rows of data in each table. You must also have at minimum one relation between tables in the database. Load all tables in a non-default schema. Apply a security model to the database as well.

Components/Deliverables

* Conceptual/Logical Model.
* DDL scripts to create the database, tables and relations.
* DML scripts to load the data.
* Test Scripts to unit test the database.
* Queries that show all the data.
* Queries that show all the relations.
* One or more view creation scripts.
* A query that uses a view.
* One or more stored procedures.
* Optionally a User Defined Function.
* Create a non-default schema.
* Describe the Security model (put this in a document).
* Scripts to implement the security model.
* Scripts to test the security model.

**Security model:**

- Roles:

+ master\_editor\_role:

SELECT ACCESS for all tables in the DC\_COMICS schema

+ master\_artist\_role:

SELECT ACCESS for DC\_COMICS.artist and DC\_COMICS.colorist

- Users:

+ Editor\_in\_chief with role master\_editor\_role

+ Artist\_in\_chief with role master\_artist\_role