

## **CSCE 520 – Spring 2008 Assignment 3**

### **Reading:**

Ullman and Widom, Chapter 2: Design Theory for Relational Databases

Ullman and Widom, Chapter 7: Constraints and Triggers

Ullman and Widom, Chapter 8: Views and Indexes

Sunderraman, Chapter 2: Oracle SQL

### **Assignment:**

Create a database using the Oracle and SQL/Plus for the movie application used in Ullman and Widom. You may use the same data and queries that you used for Assignment 2 (Access), or you may use different data and queries.

1. Create the tables described in the text.
2. Populate the database with data, with at least 10 movies and 10 stars.  
(You may use data from the text or data of your own choice.)
3. Define 5 queries, illustrating selection, joins, sorting, and aggregates.
4. Define at least one view, one constraint, one trigger, and one report.

**Due Date:** Friday, March 21