Database Design Change Log

Lab 3 Changes
- Changed Genes entity set to a weak entity set on Experiment.
- Moved the promoter region out of the Gene entity set.
- Created a new Gene Sequences weak entity set with the promoter region as a primary key.
- Removed seq as a primary key from the Regulatory Sequences entity set.
- Changed Regulatory Sequences as a many-to-many relationship with Factory Matches.
- TODO: Remove Transfac as a primary key from Factory matches and change it to a many-to-one relationship with Regulatory Sequences.

Lab 3 Revised Changes - 2/6/2012
- Removed Aggregate Factor Matches entity set.
- Removed the relationship between Aggregate Factor Matches and Factor Matches.
- Removed the relationship between Aggregate Factor Matches and Genes.
- Added a StudyPages entity set with a many-to-many relationship with Regulatory Sequences.
- Added PageNo as the primary key of StudyPages.
- Changed the entity set Gene Sequences name to Promoter Sequences.
- Changed the relationship between Gene Sequences and Genes to one-to-one.
- Removed transfac as a primary key from Factor Matches entity set.

Lab 5 Revised Changes - 2/15/2012
- Added transfac to as a primary key in the Factor Matches entity set.
- Regulatory Sequences no longer requires a StudyPage.
- Finished adding more data fields to the Experiments entity set.

Final Changes - 3/13/2012
- Added Gene Search Page
- Added TF Popularity Page
- Added ‘Edit’ functionality
- Added ‘Delete’ functionality
- Added row coloring functionality to web