Spike Plan

Spike 2b
Language: C#
Name: DataSet Spike

Context:
While Nhibernate provides a means of performing object-relational mapping with .NET, it is not the primary tool used for .NET applications. The .NET framework primarily uses DataSets as a means of interacting with the database.

Knowledge Gap:
The team is not familiar with using ADO.NET's DataSets.

Goals/Deliverables:
1. Command line application that demonstrates
    a. Selecting records into a DataSet
    b. Making changes to a DataSet and persisting to the database (insert, update, delete)
    c. Examine DataRelations and working with related rows

Planned Start: Week 3
Deadline: Week 5

Planning notes:
1. Create database and populate with initial test data (2 related tables of your choice from the archery database – recommend multieventcompetition and multieventrule)
2. Implement code to perform the following
    a. List records from database
    b. List one record, and its associated records from a related table (one to many)
    c. Insert a new record
    d. Update a record
    e. Delete a record