

Problem Solving and Programming in Business

Homework 2 a

The “special” group will be designing and developing business objects for use by other students. Our motivating example this semester is banking.

For this homework I want you all to work as a team again. (Still weird?)

Deliverables:

1. Program documentation (one Word doc, with many sections) for every process in the object model, to include at least
 - a. Who’s responsible for it and their contact data
 - b. Short description
 - c. Long description
 - d. Dependencies with/among other classes
 - e. Exact file names and locations of the source code
 - f. Features that are done (meaning finished and tested)
 - g. Features that are left to do
 - h. Testing strategy
2. Implementation of the bank database via an Ms-SQL Server create script, including at least
 - a. Create statements
 - b. Primary key definitions
 - c. Referential integrity via foreign keys
 - d. Check constraints
 - e. Default values

Be sure that all tables are created in the proper order in this script so that it can be run and re-run at will.
3. Test data for the bank database via an Ms-SQL Server script that loads test data for every table (in the correct order) such that it can be run again and again.
4. The code for the object model. Define the classes and subclasses in C# and be able to create them and populate some of their attributes. You need not implement all of the behaviors (methods) as it’s too early for that.
5. A list of all the team members and who has worked on what so far, and a plan for who’s doing the next steps.