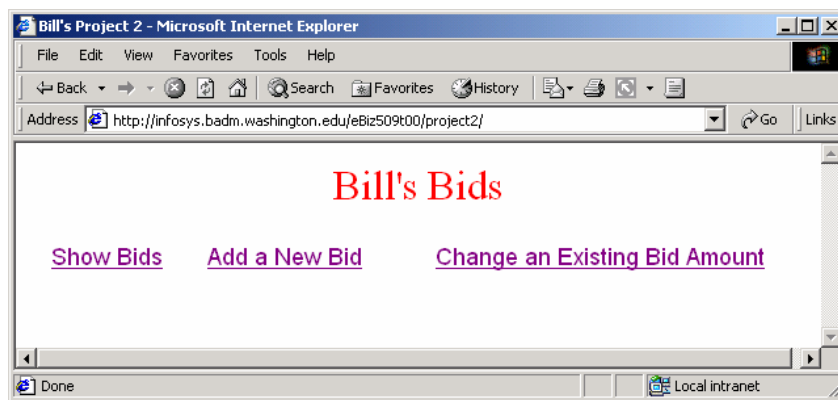


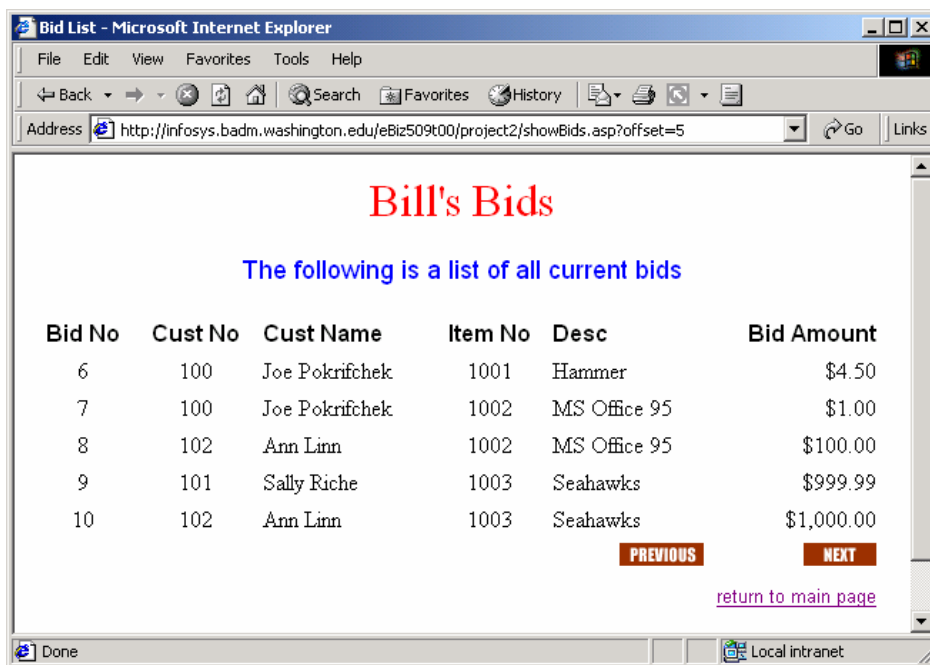
Project Objective. This project is intended to give you experience with three of the four major activities related to server-related database use. The project displays the contents of a set of records, provides the ability to add records, and update fields in existing records. The only database function not required is the deletion of records. The project also provides experience with a database that consists of more than a single table.

Project Statement. The project simulates a hypothetical “bidding” system where customers (bidders) make bids on a number of items available for sale. In its minimal (grade of 3.4) version, it is missing many functions of a “real” bidding system. However, most of the techniques needed to add functionality are presented.

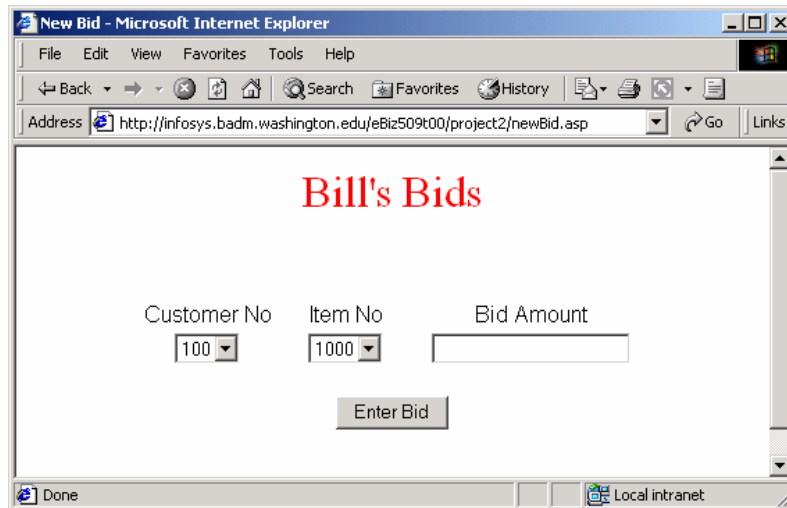
Your system should first present the user with a set of options.



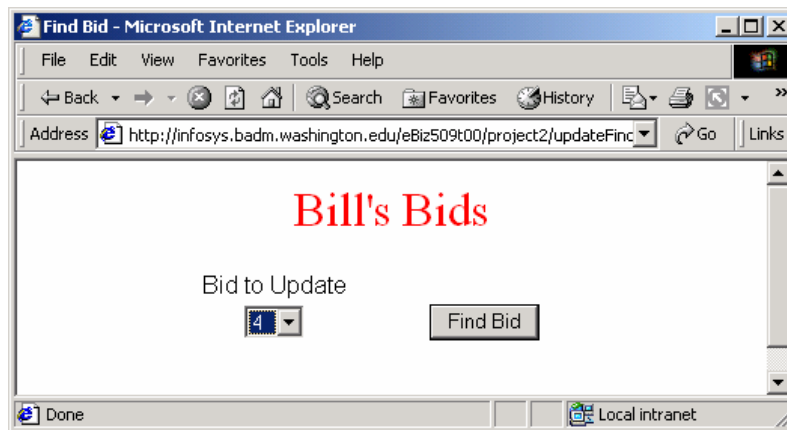
If the user selects the “Show Bids” link, the system should display all the binds currently stored in the system.



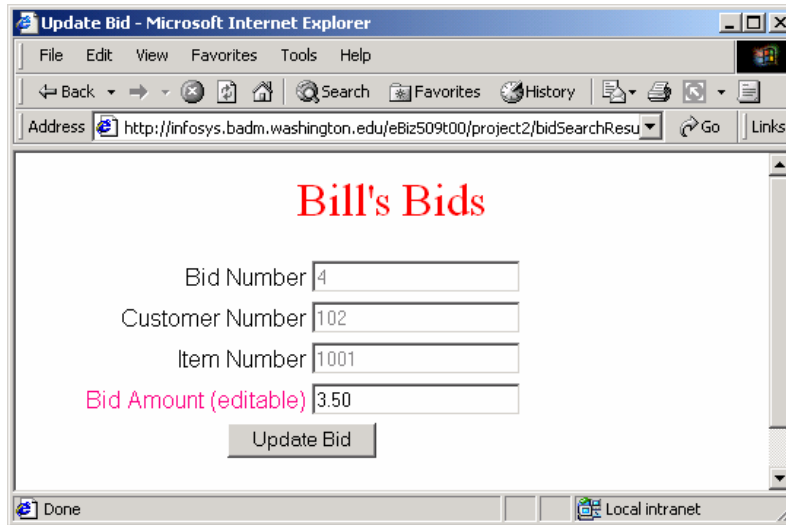
If the user chooses to add a bid, a screen should be presented that offers a set customer numbers and item numbers to enter in addition to a bid amount. Note that a data entry type person accepting bids over the phone would most likely use this type of screen. In an end-user based system, the user would have to log in and their customer number would be used (and they would not have a customer number choice).



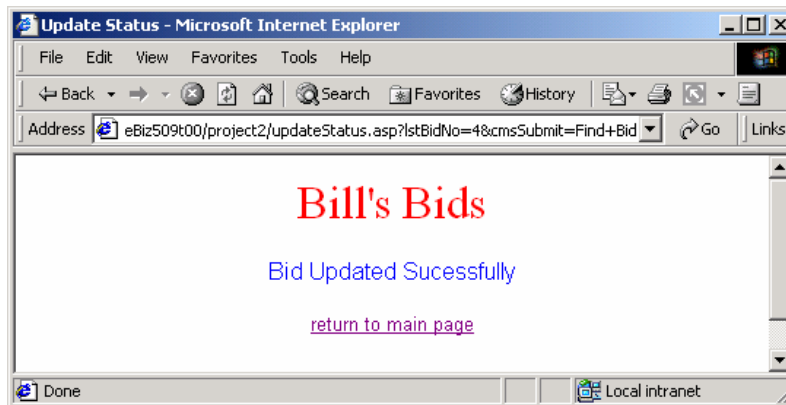
Finally it should be possible to edit a bid amount. This should start by selecting the appropriate bid.



Following this, bid information should be presented including an editable bid amount field (see next page).



After the bid is updated, the user should see a confirmation screen.



You may play with my solution at:

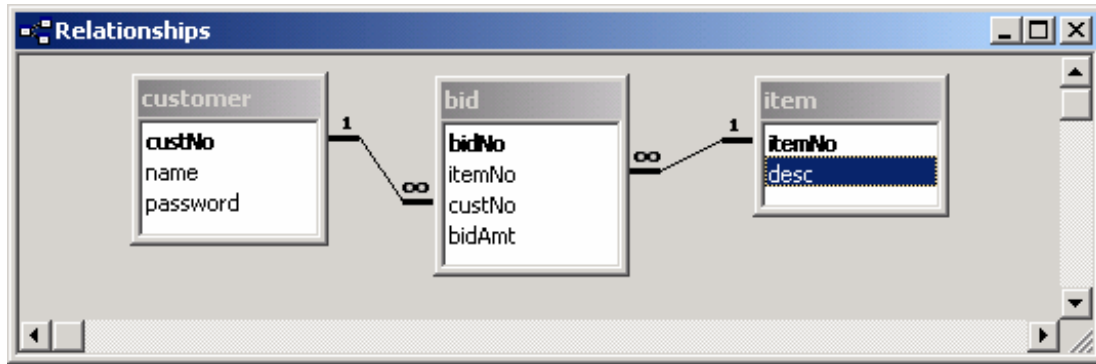
<http://infosys.badm.washington.edu/eBiz509t00/project2/default.asp>

Be aware that the application is not bulletproof. For example, if you edit a bid and enter an invalid number for the bid amount, an error will be generated.

As with Project 1, you are encouraged to extend this project in order to earn a higher grade.

The Database. You need to create an Access database to support this system and then upload it to the server. You should populate the database with a few customers, items, and bids before you upload the application so that you have something for testing.

The database design consists of three tables. These tables (as shown as Microsoft Access Relationships) are shown on the next page.



In my design, the bidNo field in the bid table was an autoNumber-type field so that Access automatically creates the bid numbers.

If you make enhancements, feel free to add data as needed.

To Turn In. When you are ready for your project to be graded, send an email message to me at ebiz509@u.washington.edu. Include the full URL of your home page in your message, that is, start with <http://> followed by the site URL. That way I can just click on the URL and start my evaluation. Thanks ☺