**SRS Differences**

**Detailed Explanation of Differences**

**Removal of Optional Items -** The clients requested changes throughout the quarter, including some a week and a half before the deadline, so we didn't have time to address the optional items.

**Diagram -** We updated the diagram to reflect the application as it stands now.

**Custom Keypads -** We built custom keypads for text entry because we wanted to show only the numbers or only the letters and the Windows built in keyboard didn't allow for this. We feel that the keypads allow for easier use, easier error checking, and add to the aesthetics of the software.

**Menu Bar -** We added a menu bar because we wanted to restrict access to the exit button. A clerk can only exit the program if they haven't started a work day or their work day is complete. The menu bar also holds the help files, which are always accessible.

**Help Documentation for Biologists -** After a demonstration of the help files included in the application for the creel clerks, the client requested a pdf version for use in the office. It is included in the binder under User Manual.

**Location Pressure -** Boat trailer and shore angler counts were previously angler types. The client felt that these counts didn't belong with the creel survey page because the counts and the types were the only pieces of data collected. We separated the counts into a separate button/control. We're able to enforce collection of count data at the beginning and ending of a location and provide a reminder each hour spent at the location.

**Count Up Timer -** Originally the client wanted to remind the clerk when time at a location was up if the survey was a bus route type, but the amount of time spent at each location was too varied to warrant this. They also wanted to give the clerk flexibility to finish the current survey and other location duties.

**Separate Fish Objects for Released Fish -** The client decided that there should be separate fish objects for each released fish. For example a released fish with a total field of 5 would result in 5 separate fish objects with totals of 1.

**Removal of Previous Party Access -** Originally the client wanted the software to mimic the paper form as much as possible. However as we discussed going between and editing the parties, the client brought up some issues that they are having with the clerks fabricating data and it became apparent that accessing the previous parties wasn't necessary or desirable.

**Edit and Delete Fish -** Originally the client wanted the clerk to be able to edit and delete any of the fish associated with the location but after discussing it further they decided they didn't want the clerk to be able to edit or delete any of the fish. We thought this might cause issues if the clerk made a mistake in entering the data, so we proposed allowing for editing and deleting fish associated with the current party. The clients agreed with us.

**List of Differences by Section**

**1.1** Purpose changed from items to be delivered to what actually was delivered. Future developers added to the list of who the document is for. Optional items removed.

**1.2** Document convention for optional items removed.

**2.1** Optional item removed. Diagram updated to reflect current design.

**2.2** Features updated to indicate that not all fields from the paper form were kept for the survey and custom keypads were built.

**2.6** Documentation updated to include the documentation created for the biologists.

**3.1** Optional item removed.

**3.2** Bus route number added as a requirement if the bus route is selected. Updated Functional Requirements to include path to data.

**3.3** Added the Location Pressure button /control, use case for no angler parties at a location, use case for a species type of none, delete button, and edit capabilities. Updated the countdown timer to a count up timer, species and kept/released to species, notes button, and delete button being the only fields shown on adding a fish and added details about released fish being separate fish objects for each released fish. Removed previous parties being accessible via arrow buttons. Updated Functional Requirements to include path to data.

**4.1** Added the menu bar and updated the countdown timer to a count up timer.

**4.2** Removed the virtual keyboard. Updated the database from MySQL to SQL Server.

**4.3** Updated the database from MySQL to SQL Server.

**Appendix A** Added more terms.

**Appendix B** Updated user interfaces to the ones actually in use.

**Appendix C** Updated user stories to the actual user stories.

**Appendix E** Updated to actual timeline and distribution of work.