

## Milestone Completion Summary for CSC333 (Spring, 2003)

**Milestone Number:** Milestone 4

**Team Name:** Scoreboard

**Team Members (and Roles, including leader):**

James Barley: Roles N/A

**Due Date:** April 8, 2003

### Summarize Results of Milestone:

This milestone focused on the physical design of the database as well as the traceability matrix and CRUD analysis. Also included in this milestone are the user interface designs and concepts. Since the database being used is MySQL, the SQL statements included with this milestone are in MySQL format and may be different for other database applications. Microsoft Visual Basic 6.0 was used to create the data entry and statistical forms.

### Strengths of Milestone:

This milestone helped me think about how to allow the user to input data easily into the database. Multiple form designs were thought of, however I chose the forms that were easiest understood and allowed for easy data implementation.

### Weaknesses of Milestone:

A big weakness of this milestone comes not from effort, but from the MySQL program application itself. Upon coding the SQL statements to create the desired database I learned that MySQL does a poor job of implementing foreign keys. Referential constraints were used in place of foreign keys in this instance.

### Project Status:

**Green:** Project is proceeding as planned without any significant issues.

### Effort:

Team Member	Task	Effort Per Task	Effort for Milestone
James Barley	Physical Database Design	100%	5%
James Barley	User Interface Design	100%	75%
James Barley	CRUD Analysis	100%	10%
James Barley	Database Normalization	*0%	0%

\*No effort was put into the database normalization due to the fact that no normalization from the previously designed ER diagram was needed.