

Sponsor: Scott Wyant (swyant@cinema.usc.edu, 213-740-5486)

Partners:

Background:

The Cinema school has a database system for tracking student film projects including staff, equipment rental, materials and cost. The old system, which is being replaced, was written in Paradox. A new system is being implemented in FileMaker Pro this fall.

Problem Statement:

The new system will eventually need to be replaced. In the long run, the School will need a web-integrated system, possibly one using the Sun Microsystems LAMP model (Linux, Apache, MySQL, PHP), or a web interface to the existing FileMaker Pro solution.

Constraints:

The School is a totally cross-platform environment, with operating systems including Windows NT, 2000, ME, XP; various flavors of UNIX, and Macintosh systems from 8.x to OSX. The new system must accommodate this diversity. Also, the system must run a retail operation and handle the accounting constraints placed on the School by USC.

Desired Deliverables:

Specification and design of replacement system or a web interface to the FileMaker system.

A Web based system, which replaces the FileMaker system.