Goal: Our IPRO is called Edutainment because we develop computer games that **edu**cate and enter**tain** at the same time. The goal for IPRO 329 is to complete a 3D financial aid computer game – College Pursuit – as well as start a children's game – Scholars of the Lost Exhibit. In College Pursuit, students accumulate money towards college via scholarships, grants, and loans. Scholars of the Lost Exhibit takes the student on a journey through a magical museum filled with friends and foes, while testing the student in the areas of Math, Science, Social Studies, and Language Arts.

Tasks: The organization of our group evolved from utilizing a standard product development lifecycle that includes design, development, usability testing, and marketing. Each team had focused tasks:

- **Design**: Develop end screens for CollegePursuit, create "look and feel" of the Scholars of the Lost Exhibit game and design Phase II functionality, develop screen shots for Scholars of the Lost Exhibit and storyboards, create IPRO website, finish IPRO poster.
- **Development**: Finish CollegePursuit programming and implementation, find website to host CollegePursuit, enter CollegePursuit into on-line competition, develop Phase I ideas for Scholars of the Lost Exhibit, create development documents for easy transition for next semester.
- **Usability Testing**: Conduct final usability tests for CollegePursuit, analyze test results, write-up recommendations, research educational improvement areas for children in the United States for Scholars of the Lost Exhibit game.
- **Marketing**: Work with Jose Padilla to officially trademark CollegePursuit, phase I research for Scholars of Lost Exhibit, develop game ideas for the game suite of Scholars of Lost Exhibit, complete final flowchart for Scholars of the Lost Exhibit game.

Achievements: The following is what our IPRO was able to complete this semester.

- The Design team developed the story line and produced three games with screenshots for Scholars of the Lost Exhibit. The Design team worked endlessly to get a new game started, after the completion of CollegePursuit, so next semester IPRO 329 can start programming on Scholars of the Lost Exhibit.
- The Development team completed CollegePursuit programming and entered it into an on-line competition. The work done by the Development team took almost the whole semester but the team was able to output CollegePursuit so work can begin on the new game next semester.
- Usability Testing finished final testing of CollegePursuit, analyzed the results from the testing, and worked with the Development team to work out bugs found in CollegePursuit. In addition, the Usability team completed extensive research on subject areas where children are struggling in grammar school, so Scholars of the Lost Exhibit has a solid foundation in educating users.
- Marketing worked with Jose Padilla to trademark the name, CollegePursuit, which is now an official trademark. In addition, the Marketing group finished the final story line and flowchart for the Scholars of the Lost Exhibit so Phase II development can begin.

Outcome: The combined outcome of our team's efforts is the finished version of CollegePursuit and the initial design of Scholars of the Lost Exhibit. CollegePursuit is complete and entered in a competition, as well as currently marketed via a web server. Preliminary screen shots, flow charts and an overall hierarchy of Scholars of the Lost Exhibit are complete.

Next Steps: Emphasis is now solely on the development of Scholars of the Lost Exhibit. Development decisions on the programming language as well as the hierarchy of the programming have to be determined. In conjunction with this decision, iterative communication between Development and Design will begin. As for CollegePursuit, any legal or monetary issues resulting from interest generated by marketing or the competition will be discussed.

Advisory Members:
Faculty Mentor: Dr. Susan Feinberg
Project Leader: Steve Pfisterer

Design Team	Development Team	Marketing and Usability Team
Christopher Coats	Steve Pfisterer	Matt Collier
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