COEN 174L

Lab 1

Contact Information

- Ken Wakaba

- Email: kwakaba@scu.edu

- Office Hours

  - Monday 1pm - 2pm

  - Tuesday 12pm - 1pm

Lab Overview

- Problem Statement

- Design Document and Review

- Implement System

- Presentation and Documentation

Grading

- Lab - 45% of final grade

  - Technical - 35%

  - Contribution - 10%

Grading

- Breakdown

  - Problem Statement   10%   (Week of 9/24)

  - Design Document   20%   (Week of 10/8)

  - Design Review   10%   (Week of 10/15)

  - First Demo   20%   (Week of 10/29)

  - Final Presentation   10%   (Week of 11/12)

  - Final Report   15%   (Week of 11/26)

  - Final System   15%   (Week of 11/26)

Groups

Problem Statement

- Emphasis on Problem and Solution

  - Description of problem

  - Scenario(s) of use

  - Solution

Bug Reporting System

The Santa Clara University IT Department is requesting help in creating a bug tracking system for software they have written. Clients will be able to report suspected bugs using the system. The system will route the bug report to one of a group of testers who would verify the bug, pass it on to a group of developers who would be assigned to one or more bugs by a manager and work on a fix, the fix would be verified by a tester, and the fix would then be deployed. The system should keep a history of all bugs and their current status, as well as provide a series of reports to assist managers and allow clients to determine the status of their report(s).

Alumni Engagement Recording System

The Santa Clara University Alumni Office is requesting help in creating a system that can record activities of alumni in events that have been created by the Alumni Office or spontaneously by one or more alumni. Alumni Office staff can enter formal university-sponsored events(e.g., SCU athletic events, classroom speaking opportunities, etc.) and alumni participants can check in to record their participation. Alumni-organized events (e.g., informal class reunions) can be created by alumni, but must be approved by an Alumni Office manager before they will appear to the whole alumni community. Reports must be provided to detail events, locations, number of participants, etc.

Alumni Business Directory System

The Santa Clara University Alumni Office is requesting help to create a system that would provide a directory of alumni-owned businesses that can be accessed by alumni interested in supporting other alumni. Business listings can be created by alumni, but must be verified by an Alumni Office manager before being visible. Listings should be able to be queried by location, type of business, etc. Reports should be available to Alumni Office staff to allow them to determine who has listed businesses, who has used the directory, etc.