

## Group Projects

### 1. Data Mining Calendar/Diary

Customer: Dr. Stringfellow

Platform: Android Samsung Galaxy Table

Description: Dr. Stringfellow currently manually records/logs events in a steno book. This project would enable her to keep these logs in an e-format accessible on a tablet. It would *also* provide the following features:

- Log an entry – current date, names, type of event, etc. using a form.
- Search for all events that include a name
- Search for events of a certain type
- Search for events in a given time span.
- View and/or print results of a search.

### 2. Automate Software Engineering Student Subjective Evaluations

Customer: Dr. Stringfellow

Platform: Web-based / Utilizes the cs server.

Description: Dr. Stringfellow currently has students fill out peer evaluation sheets and then performs the aggregate computations by hand. This project would enable her have students submit the evaluations electronically and with a button perform two types of aggregate calculations. The features included:

- Enable students to submit peer evaluations online using a form
- Log students who have submitted peer evaluations
- Perform aggregate calculations.
- Print the aggregate calculations.

### 3. Make Program Assessment and Collection of Data Online and Consistent

Customer: Dr. Stringfellow

Platform: Web-based / Utilizes the cs server.

Description: The department currently has faculty collect data for assessment. This is done manually for the most part. This project would enable faculty to enter their data and analysis online. The features included:

- View Objectives and Measures for program assessment for the Academic Year.
- View and modify rubric for their course section.
- Enter data into the rubric for their course section.
- Enter their analysis of the data.
- Enter their action plan for the results.
- Combine *all* submitted data and analyses into one report.
- View and/or print the report.

### 4. Work on Hotter-n-Hell 100 App

Customers: Dr. Griffin and Dr. Stringfellow

Platform: iPhones and Android smart phones

Description: Hotter-n-Hell wants an app for their participants to use before, during and after the race. Two prototypes currently exist for the HH100 app on CDs, however, they do not meet stringent security/reliability requirements. In addition, not all features have been implemented. The systems should work similarly to the Oklahoma City Marathon app available for smart phones and be as secure and reliable. The requirements will be given to you along with the prototypes if you choose this project.