CPET 491 Senior Design Report Phase II

Android Golf Statistics Tracker

Brad Sorensen Kory Martin

- Introduction
- Problem Statement
- Solution Statement
- Project Requirements
- System Design
- Testing/Verification
- Conclusion
- Demonstration

Project Outline

Background

- Golfer's currently do not have an easy way to track statistical information
- Similar applications lack an in-depth analysis of statistics and are not easy to use
- Our application is the only one that we saw on the Android Market that utilizes voice commands

Problem Statement

- Simple graphical user interface
- Voice recognition for data entry and navigation
- GPS for tracking club distances and as a range finder
- In-depth and comprehensive statistical analysis
- "Caddie Feature" where the program recommends a club for the user

Solution

- Read/write information to and from multiple databases
- Save/load user data to and from SD card
- Display statistical analysis in tables and graphically (pie charts)
- Keep application under 6 MB
- Support multiple screen sizes
- Support Android versions 2.1 and higher

Project Requirements























































