Tablet Based Assessment of Classroom Social Network

Overview
Our sponsor presented our team with a project that had one really large challenge in it. We needed to break the project into two smaller projects, an iOS application and a master website. This involved splitting up the team to finish the project on time while still keeping good communication among each other since both parts had to work together.

Objectives
• Design a master website for managing the application and the results of the surveys.
• Design an iOS application for administering the surveys.

Approach
• We first divided the team into two groups, one for the website and one for the app.
• The groups were decided on based on how familiar everyone was with what they had to do.
• The iOS group developed an application to the specifications of the sponsors to administer surveys.
• The website group developed a master website to manage the surveys themselves and the results.
• A database was designed to help manage surveys, administration and results.
• Both groups used multiple prototypes and presented them to the sponsors in order to get feedback and improve them.
• Weekly meetings with the sponsors helped to smooth over design concerns.
• Testing was performed on the database to ensure that data and surveys were being handled correctly.

Outcomes
• This project reduced the set up time and difficulty of administering surveys in the field.
• The project reduced the analysis time of the surveys.
• The project reduced the risk of data being lost and data being misinterpreted.