Interactive iPad Planner Application For Elementary Students Cooperating With Web Based Server

The Technology and Innovation

- iPad application with registered login used to view homework assignments, teacher notes, and due dates that are entered by the teacher from a web application.
- Completion of homework verified through the iPad with signature.
- iPad application will display daily agenda information in a clear, organized, and interactive GUI.
- Signature is drawn by finger or stylus.
- Web application designed for easy interaction between the user interface and teachers for accurate deployment of assignments and messages to students, as well as the proper enrollment of students into classes.
- Web application utilization for school administrators provides the capability to enroll teachers to schools.

Community/Industry Impact and Value

- The iPad application aims to eliminate the need for paper planners in elementary school districts. This will end up saving these districts money.

Community/Industry Engagement

- Wass Elementary School of Troy School District

Team Composition

- Andrew Browning, iPad application developer
- Adam Serruys, iPad application developer
- Ala’a Tolba, Web application design and lead developer
- Fadi Farah
- Alyssa Wilkins

Learning Experiences

- xCode IDE
- Objective C
- MVC design pattern framework for iPad app development.
- PHP
- HTML
- SQL

Further Research and Development

- Submission to the Apple App Store.