Math Logger Pro

Team: **Developers:** Gabe Correa, Mitchell Frizzell, and James Parris

Original Artwork: Bianca Drougas

Platform: iOS (Xcode)

Language: Objective C

Program objective: This application was designed to competed in the 2016 Congressional App challenge. (CT 5th district Rep. Esty). The team of developers are from Immaculate High School in Danbury CT. The purpose of this app is to provide instruction to high school students in the areas of Algebra, Geometry,Preliminary Calculus, and Calculus. Team members are Mitchell Frizzell, Gabe Correa, and James Parris. Original artwork by Bianca Drougas.

High School: Immaculate High School, Danbury, CT

iOS resources used:

IOS view controllers and table view controllers were used in coding this application. Different object types such as NSArray, UITextBox, and UILabel were embedded into various view controllers to allow the user to see the descriptions and the mathematical calculations. Segue's were used to connect the user interfaces together in a hierarchical structure. This allows the application to instruct the user on a gallery of subjects. For example, if you click geometry in the app, it will display many geometry topics. The user sees the Viewcontroller associated with the cell that was selected on the TableViewController.

We also learned how to troubleshoot the application (e.g. Setting Breakpoints), and the fundamentals of design of an IOS application.