Derrick Richards-CST 2407 Project Outline-Spring 2016-CityTech

The company’s name is Apollo Systems. It is New York City based company with roughly 350 employees. They create, sell, and maintain programs and hardware based on their clients specific needs. They are known for their professionalism and efficiency and normally handle huge contracts with major companies or institutions. Recently, they have been in talks with the NYC Department of Education. The NYC Department of Education wants a platform where people on the teachers end and students end would have a clear cut way to communicate, acquire important information and plan their days out. Although they already have a website, they want to be a more seamless user interface as a way to monitor the overall activities of their employees and students so that they can better serve the families of NYC. Apollo systems response to their problem would be to provide a web server and mobile app (Android and IOS) that would allow principals, teachers, students and parents to see, understand and manipulate certain portions of a student’s day to day activities. Each user would have a different set of options available to them depending on their user classification. Principals will be able to view specifics about their school, teachers, janitors, cooks, security, classrooms, curriculum being taught, timeframes for classes, lunch schedules, planned trips, school maintenance, etc. Teachers will have control of in class activities, trips they sent to principals for approval, parent-teacher communications/scheduled conferences, collaborations with other teachers/organizations, etc. Students will have access to class times, scheduled guidance counselors visits, school teams, daily alerts, live semester progress, grades, etc. Parents will have access to all of the options students have and parental control of their specific child’s account. The program itself would also be able to be used in class as a learning aid. Also, whatever activities completed will be sent to, saved, and sorted in a server and will give a solid idea about statistics and trends. NYCDOE and Apollo Systems agreed to an 18 month timeframe to get a working version of the system up and running. For now, after the set 18 months, the system will only be applied to choice schools throughout the Manhattan, Brooklyn, Bronx and Queens. After a 6 month successful run, it will then start to be pushed out to other schools.