Scheduling/Messaging Application Proposal

General Overview:

* Develop a web-based application that will allow employees to select a shift of work from a predefined master schedule.
* It would permit employees access from either a computer or a smart phone device.
* The program would have to create API links between our payroll system (Paycor) and our internal operating system (Maverik)
* Ability for the company to push messages/announcements to the employees utilizing the application. Text alerts, messages, emails, etc.
* Create an internal QPI messaging network that allows us to share that message on multiple internal screens and in multiple facilities

How it works:

* QPI creates a master calendar and available work shifts
* Employee, on a first come first serve basis, by end of day Thursday (specified time) would have the ability to select their shifts of work for the following week
* Those selections would populate into the internal master calendar (in Maverik)
* An employee would need to log into the app and work a minimum of 15 hours and a maximum of 25 hours in one week.
* An employee can not work more than 10 consecutive hours per day
* The employee would have to log in to the app and schedule vacations, shift changes and absences. That would update in their employee file (Maverik) and update in our payroll system (Paycor)
* The program would have to provide real time messaging to accommodate any last minute changes. Example: someone calls in and we have to replace someone in that shift immediately and post a message.

Next Steps:

* Upload Application to Azure cloud and operate from cloud
* IOS/Android user interface
* Complete user guide with work instruction for users and Admin
* Complete API to work with Maverik and Paycor
* User acceptance testing completed for both Application desktop, mobile application, and backend API
* Finalize internal messaging component for both mobile (text), email, or company electronic devices (screens)