The team is building a custom event management system in real time using Azure and SignalR that can work cross platforms. Using SignalR the plan is to gather events going to the Azure databases in real time, and at the same time create a chat system among different nodes.

**Architecture**

**Web Framework System:**
- Microsoft Azure Services
- SignalR || .NET-Core
- CSS
- C#

**Desktop Executable (Web-Linked):**
- Electron JS

**Desktop Executable (Independent):**
- C#

**Impact**

The WebSonis project was aimed at understanding and using the Azure Web Services to connect to an existing Sybase database and create an active listener application.

**Before:**
- There was no framework in place.

**After:**
- Active Listener (.EXE) created.
- Azure Web Services Framework researched.
- Functioning Web app with new patient added log.

**Results**

- Developed a Multi-User Messaging Tool hosted by Microsoft Azure Servers.
- Created a Update Logging tool that pools data from a database and sends a notification.
- Created a running instance that checks for database changes every 5 seconds.
- Implemented a growing technology which has high scalability.

**Performance**

- Weekly task completion rate: 96%
- Company mentor feedback: goals were met and pleased with work performed this semester
- Functional expectations were met (completed functions do not have bugs or interruptions)