

## **CSCI 6838.01 - Capstone Project Description** **Spring 2024**

### **Phase 3 - Develop a web portal to view/graph data from offshore oil & gas operations**

***Company:*** Optime Subsea

***Description:***

In Fall 2023, one of the capstone teams developed a web application that provides a user-friendly interface for managing and visualizing data related to oil and gas operations. The portal was designed with Blazor and Razor components for UI within .NET and Chart.js for plotting graphs. Now you have to update the application to incorporate new technologies in .NET such as SignalR and also update the graph visualization to support more data filtering options.

***Technologies:***

ASP.net Core, Blazor, Razor, SignalR, Chart.js