TN Tech Computer Science (Software Engineering) – Team 10
Oak Ridge National Laboratory
Dynamic Sankey Application

- ○ About: Team 10 at TN Tech University has partnered with Oak Ridge National Laboratory. The concept of the project is to create a web-based application that allows end-users to create Sankey Diagrams. The diagram will receive user input and output a customizable diagram. The purpose for these diagrams is to measure the flow of energy and determine where the flow is being dispersed. The user will be able to move the arrows of the diagram, change the color of the different arrows, and export the solution diagrams for use in documents. Additionally, the expectation of the diagram will have a clear interface that is able to delete different nodes or links with the respective buttons. This application will be primarily used for the employees and researchers at The Oak Ridge National Laboratory, but any engineer who wants to use our product can use it as well.