Overview
Innovation Park is in need of a place to hold events and have areas that can be used for food gatherings. Dan Leri, Director at Innovation Park, expressed the need for a mobile unit that could carry out multiple functions around Innovation Park. The coolBlue Function Team was tasked with creating multiple engineering drawings with dimensions and a list of possible manufactures to create the Rig.

Objectives
The project will result in product renderings, engineering drawings and specifications for fabrication, potential fabrication vendors, and timelines with associated cost estimates for the completed product.

Approach
● Gathered needs of Innovation Park in meetings with Dan Leri
● Completed prototyping and brainstorming
● Made changes to design after presenting to Dan Leri
● Decided upon final design and produced CAD models
● Tested parts using FEA to ensure safety
● Created drawings for each part
● Built a final prototype

Outcomes
The outcomes of the project include:
● CAD model including detailed engineering drawings and specifications
● List of manufacturers to produce the rig
● Cost savings of over three hundred thousand dollars
● Modular design of trailer will serve for multiple functions