**Group 7 - SDEV 220 - Final Project Launch**

The Client: [Art Haus Balloon Company](https://arthausballooncompany.com/) is a small business that does balloon décor. In business since 2019, they are facing [many challenges](https://fox59.com/news/higher-prices-limited-services-among-side-effects-as-small-businesses-navigate-challenges/), including the ongoing inflation of materials and supplies. As costs fluctuate, they’ve had to ditch her set price list to accommodate the changes. Supply shortages have also limited the business, forcing them to seek different distributors for items that usually come easy, like basic colors of balloons to helium.

The Scope of the System: Our python program will keep track of the inventory and backup vendors. Additionally, it will take orders and provide customer pricing based on cost of materials.

The Purpose of the System: This system will allow Art Haus Balloon Company to stay up to date with the ongoing inflation of materials and have a current price list that accommodates the changes.

General Design of our system:

* + Inventory, input inventory as supplies come in
  + Vendors and backup vendors, input vendor information and pricing
  + Customer Orders, input orders reducing inventory, provide pricing based on inventory cost