Just going to jot down some thoughts. We can format this later.

UNTextbook Finder

**Project Description:**

This web-based project will compare textbook prices for UNT students. It will pull data from various websites such as Voertman’s, UNT Bookstore, Amazon, and Chegg. Using the Scrapy Python framework, Python scripts called by PHP will be used to scrape the data from the websites. The users will use our interface we create to search and compare the prices from those websites. Our interface will be created using HTML, CSS, and Javascript.

**Project Timeline**

    1.1 Project Planning

    2.1 Develop interface

    2.2 Create web scraping scripts (can be done at same time as number 2)

    3.1 Build controller that connects the interface and backend (scraped data)

    4.1 Testing

    5.1 Auto bots rollout (deploy)

**Risk Analysis:**

* backend
  + 3rd party webpage format change
  + update to Scrapy framework changing functionality
  + inefficient request wait time
  + connection to website down
* personal
  + emergencies
  + time management
  + schedule conflicts
  + work division

**Project Report**

Team:

Jacob Cole (leader)

- backend scripts

Parker Cantu

- interface

Michael Pittard

- controller

Repository policies:

- Using GitHub

- We shouldn’t have conflicts because each of us will ideally work on separate components (backend, interface, controller)

- If a conflict arises, use Facebook Messenger to communicate the resolution