Student MarketPlace: Prototype

API:

The API being used by our web application is called Amazon Price, found on the RapidApi website. Amazon Price retrieves data from live amazon listings and passes them as an array of objects to our web application when we fetch it.

NOTE: The API being utilized unfortunately is not free, for each API call above my monthly quota I will be charged. I'm not too concerned as the amount is miniscule, but please be aware of this when testing the prototype. Thank You! (Currently, executing a search sends 1 call, clicking on the More Details button sends 1 call, and refreshing while on the Details Page sends 1 call)

Search Process:
1. On the HomePage, click on the Search button in the navbar
2. On the SearchPage, in the input field, type the keyword you'd like to search and then press the search button
   a. **Search Criteria:**
      i. Since the API is pulling data from Amazon, the search criteria is very vast (simply think of an item you could find on Amazon and type that item)
      ii. Examples:
         1. "Laptop" - should return a grid of laptop products
         2. "Men running shoes" - should return a grid of men running shoes

Summary Results:
- The results of a search are displayed in a Grid on the same page, where each item is represented by a single card
   - Card Info
      - Image of Product
      - Title of Product
      - Price of Product
      - More Details Button

Details Results:
- Clicking on the More Details Button redirects you to the details page for that particular product. It displays the information in a table with a single row for that item
   - Details Page Info
      - Image of Product
      - Title of Product
      - Price of Product
      - Rating For Product (On Amazon)
      - # of Reviews For Product (On Amazon)
      - Link (To actual product listing on Amazon.com)