

PPD: Micky Woo

### Project Description:

My Capstone project I want to make a revamped website of Ebay. I did some research about its free API and some testing and like the results from Postman. My take on the website is to not only make it SPA, but also make more use of the “unused space”, which mostly coincides with the “browsing” feature API from EBAY. Ebay’s API from what I saw combines over 15 API’s and I am just sticking to the “Browsing” and “Search” feature to simplify things. In the “Search” results page there is a lot of property towards the right side that is just “Blank” so my idea is to include a docked “Comparison” feature to allow Guests to compare two items at a time instead of opening multiple tabs or even going back and forth between pages to make a more comfortable “User Experience”.

- Javascript for docking and item population from search Results
- User Experience from simplified form of comparing items
- Use Of Vue.js
- Ebay API (Browse/Search)
- If possible I may use Google Analytics on the Compare Button to see how many “clicks”
- Design Goals:
  - Not too flash but a simple design for easy loading, less wait time.Slight Fade in Animation should be the most I plan on doing.
- Deployed Via Github
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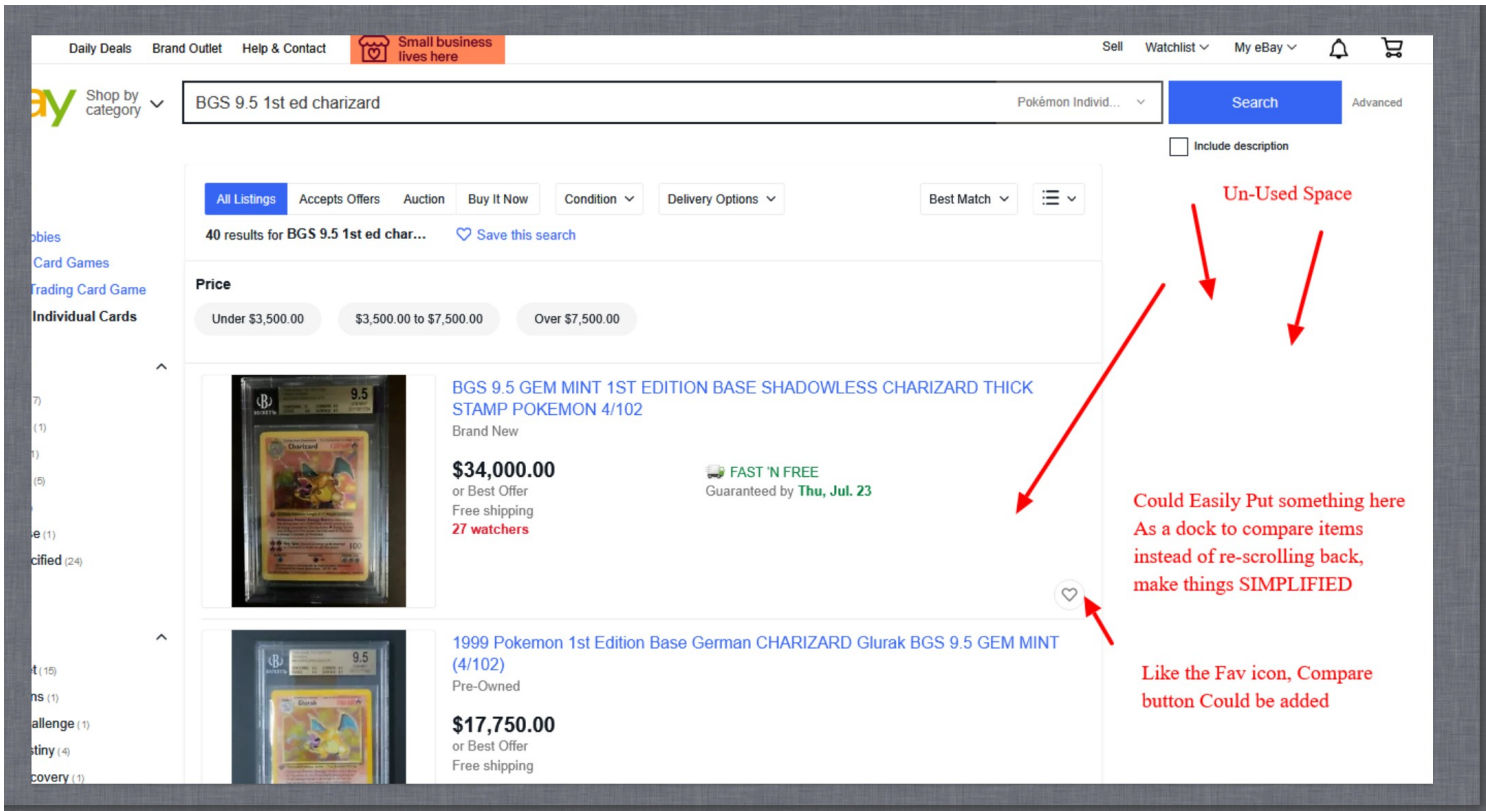
### Perceived Risks

- Docking with Nav Bar will not go smoothly and I may need to think of another plan for Mobile Version to not CLUTTER the page.
- API will not push due to recurring need for Qauthority Key from Ebay.


### Calendar TODO:

7/20-week 1	Get Vue.js and Ebay API connected with base Page
7/23-	Connect API and populate Results Page
7/27-week2	Start JavaScript “Comparison “ between Selected
7/31	Comparison Buttons linked with filling in side bar with item
8/3-week 3	Remove button and Finish comparison (javascript)
8/10 -week4	Mobile Version and its Nav Bar hiding.
8/20-week5	Final Touch ups and Features clean up/ web accessibility Check

	If Time allows add google analytics
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EBAY Logo

 Search

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## Search Results

Docked on Right side so you dont leave Search Results

Results Populate

IMG

1. Title (Id Name)  
2.Price  
3. Buy it now / Auction

Compare Item

1. Title (Id Name)  
2.Price  
3. Buy it now / Auction

Compare Item

1. Title (Id Name)  
2.Price  
3. Buy it now / Auction

Compare Item

1. Title (Id Name)  
2.Price  
3. Buy it now / Auction

Compare Item



## Comparison Feature

Remove Item



Item A

1. Title (Id Name)  
2.Price  
3. Buy it now / Auction

Remove Item



Item B

1. Title (Id Name)  
2.Price  
3. Buy it now / Auction

Compare

1. Item A Saves you \$ Amount  
2. Item B has Higher User  
3. User Reviews Item\_ by #  
4. Item A Includes Free Shipping

Clear Items

Mobile Experience

EBAY Logo

 Search

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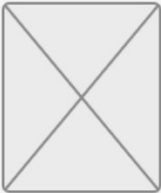
Search Results

Results Populate



1. Title (Id Name)  
2.Price  
3. Buy it now / Auction

Compare Item

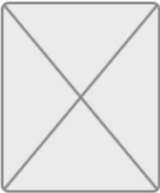


1. Title (Id Name)  
2.Price  
3. Buy it now / Auction

Compare Item

Comparison Feature

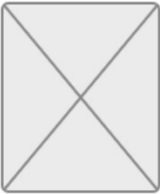
Remove Item



Item A

1. Title (Id Name)  
2.Price  
3. Buy it now / Auction

Remove Item



Item B

1. Title (Id Name)

Comparison is a slide option Nav Bar?  
So it does not inpede on Search Results  
Over Cluttering your Mobile experience  
  
you can just swipe and see comparison