

# SLASH

# SAVE LOOT AND SAVE HASSLE

## INTERESTED IN OUR PROJECT?

Scan for more information!



## WHY SLASH?

Tired of searching multiple websites for the best deals? Slash is here to make your online shopping experience smarter and faster! Slash is a web API framework that automatically scrapes top e-commerce sites—Walmart, Target, BestBuy, and eBay—to find and compare the best deals, saving you time and money. Whether you're a student on a budget or a data analyst building real-time datasets, Slash is the tool for you.

- Fast: Compare deals across platforms in seconds.
- Easy: User-friendly APIs to filter, sort, and customize search results.
- Powerful: Delivers tailored results in JSON format, perfect for seamless integration.

Upgrade your shopping game with Slash and never miss a deal again!



## WHAT'S NEW?

**1. Efficiency in Searching Across Multiple E-Commerce Platforms:** Before this software, users had to manually search multiple e-commerce websites to compare prices. Now, the Slash API automates this process, drastically reducing search time and effort.



**2. Enhanced Price Filtering and Sorting:** Users can now refine their search results by filtering based on price and sorting by cost, features that weren't available before. This makes finding the best deals more precise and user-friendly.

**3. Wishlist Feature:** Previously, users had no way to save or track their desired items. The new wishlist functionality allows users to save products, organize them, and access them across sessions.

**4. Cross-Platform Integration:** The project now integrates search results from multiple platforms like Walmart, Target, and BestBuy, giving users a broader range of results compared to earlier versions that had limited platform support.

**5. Improved User Interface:** The project now features an intuitive and visually appealing UI, including easy navigation, highlighting features for best deals, and a wishlist display. These improvements make the tool easier and more pleasant to use compared to previous, more basic versions.

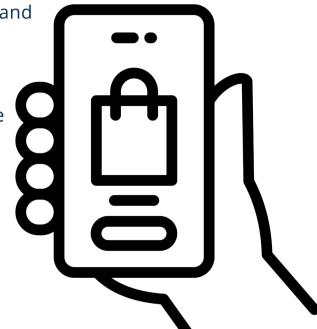
Up to 50 test cases!



Stable and Robust!

## AND THE NEXT?

- **Advanced Search Capabilities:** We will enhance the current search functionality by adding more advanced filters such as product ratings, seller ratings, availability, and shipping time, giving users more refined control over search results, improving user satisfaction. (2-3 weeks)
- **Predictive Price Model:** We plan to implement a machine learning-based predictive model that advises users on the optimal time to make purchases, based on historical price trends and forecasting. (4-5 weeks)
- **Pagination for Search Results:** A pagination system to improve the display of search results, particularly for large datasets is in progress. (2-3 weeks)
- **Social Media Login and Sharing:** We plan to allow users to log in using social media accounts (e.g., Google, Facebook) and share their wishlists or best deals directly with friends via social platforms. (3-4 weeks)
- **Price Chart Visualization:** We are going to introduce dynamic visualizations of price trends for products, allowing users to track price changes over time in a graphical format. (2-3 weeks)



## HOW WE BUILD IT?



The screenshot shows the application's interface. On the left, the "Main Menu" has a "Select Page" dropdown set to "Search" and a "Search" input field. On the right, the "RESULTS" page displays a table titled "Cheapest product link" with the instruction "Items are displayed in the increasing order of their prices". The table has columns for Description, Price, Link, Website, and Image. It lists five products, all from Walmart, with prices ranging from \$149.00 to \$349.00.

	Description	Price	Link	Website	Image
0	Restored HP 14-cf2112wm Stream 14" HD Ce...	\$149.00	<a href="#">Product Link</a>	walmart	
1	Lenovo IdeaPad 1 Laptop, Intel Dual Core...	\$289.00	<a href="#">Product Link</a>	walmart	
2	ASUS Vivobook Go 15.6 inch Windows Laptop...	\$296.00	<a href="#">Product Link</a>	walmart	
3	HP 15.6 inch Windows Laptop Intel Core ...	\$329.00	<a href="#">Product Link</a>	walmart	
4	HP 15.6 inch Windows Laptop Intel Core ...	\$349.00	<a href="#">Product Link</a>	walmart	
5	Lenovo V15 G2 Business Laptop, 15.6" FHD...	\$349.00	<a href="#">Product Link</a>	walmart	