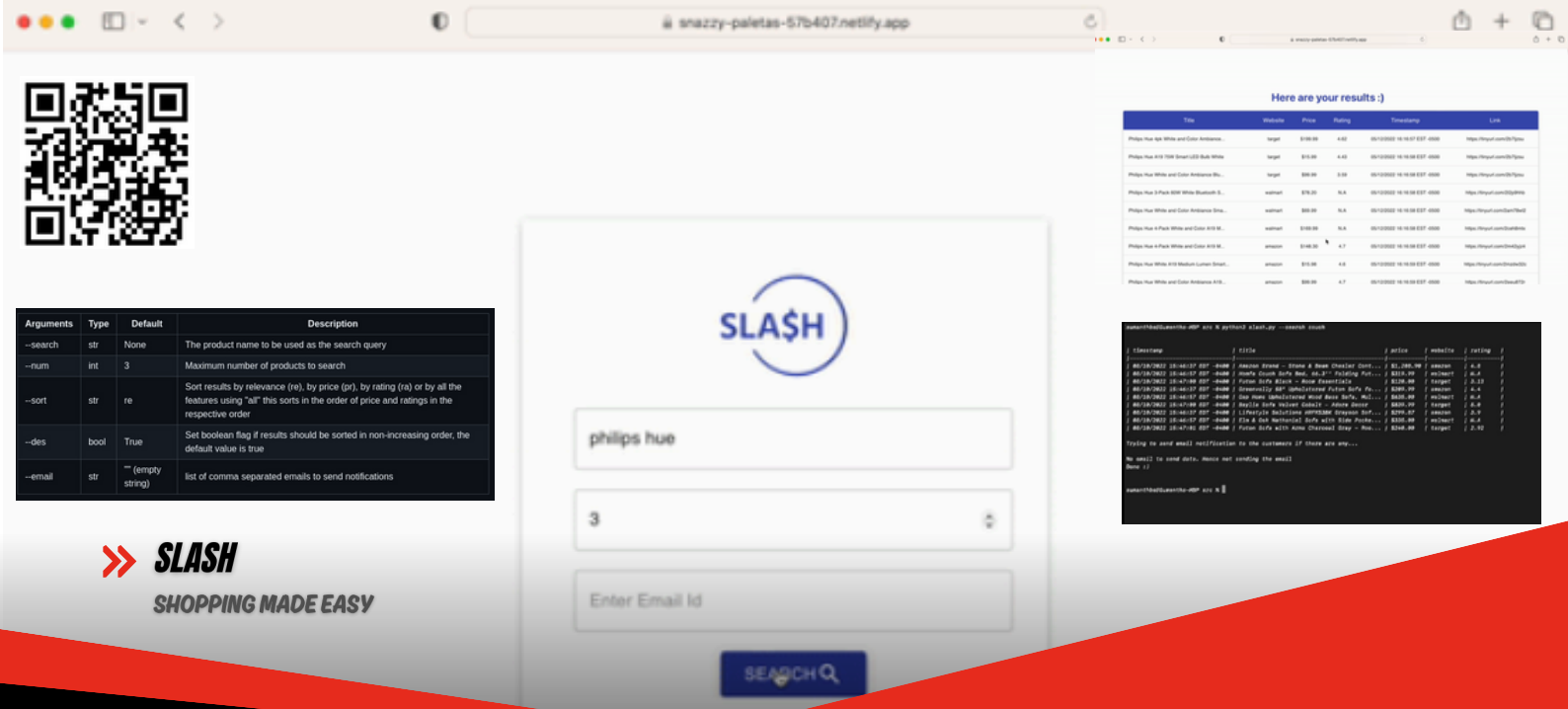

Arguments	Type	Default	Description
--search	str	None	The product name to be used as the search query
--num	int	3	Maximum number of products to search
--sort	str	re	Sort results by relevance (re), by price (pr), by rating (ra) or by all the features using "all" this sorts in the order of price and ratings in the respective order
--des	bool	True	Set boolean flag if results should be sorted in non-increasing order, the default value is true
--email	str	"" (empty string)	list of comma separated emails to send notifications

SLASH

SHOPPING MADE EASY

Overview

Slash is a tool that scrapes multiple e-commerce websites to find the best deals, saving users over 50% of their time by comparing prices across platforms within seconds. With simple, intuitive commands, users can easily filter, sort, and search for items. The tool's powerful customization options allow for flexible searches, and it emails detailed results in a CSV file for easy offline review. Slash combines speed, ease of use, and informative features, making it a comprehensive solution for quickly finding and analyzing deals across popular online stores.

Why Choose Us

- **Speed & Efficiency:** Slash saves you over 50% of the time by quickly comparing deals across multiple e-commerce platforms in seconds.
- **User-Friendly:** Slash makes filtering, sorting, and searching for products effortless, perfect for users who value simplicity and effectiveness.
- Scalability: Our scraping algorithm is extremely scalable as we use multithreading to parallelize requests.
- **Quick and Easy Installation:** Hassle-free setup with minimal requirements ensures a smooth start.
- **Informative:** Receive detailed product information via email, including CSV attachments for convenient offline analysis.
- **Extensively Tested:** Thorough testing across both front-end and back-end guarantees reliability. 3 test cases ensure about 50% code coverage.
- **Well-Documented Repository:** A meticulously maintained Git repository facilitates seamless development and collaboration.
- Platform independent: We are platform independent and provide multiple interfaces including REST APIs, website and command line.

Pathway to Progress: Key Milestones

Enhanced Security

- Secure login/sign-up processes with improved authentication mechanisms like password hashing and session handling using JWT tokens.

New scrapers

- Add categorized scrapers for websites like best-buy, HnM, and Shein to allow for topic specific products.

Addition of a global state

- Connect the project to a nosql database to store user information and track user behavior. This is the beginning of building a recomendation system.

Enhancing the scraper

- Use the database to allow cacheing of requests, and hence, reduce the time spent in scraping similar requests everytime.
- Now also get product reviews from the scraper.

User experience enhancements

- Allow filtering and sorting on the basis of various features like price and scraper.

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