MICHIGAN STATE
UNIVERSITY

Beta Presentation
Amazon Shop Smart: Web Extension for Shopping

The Capstone Experience

Team Amazon

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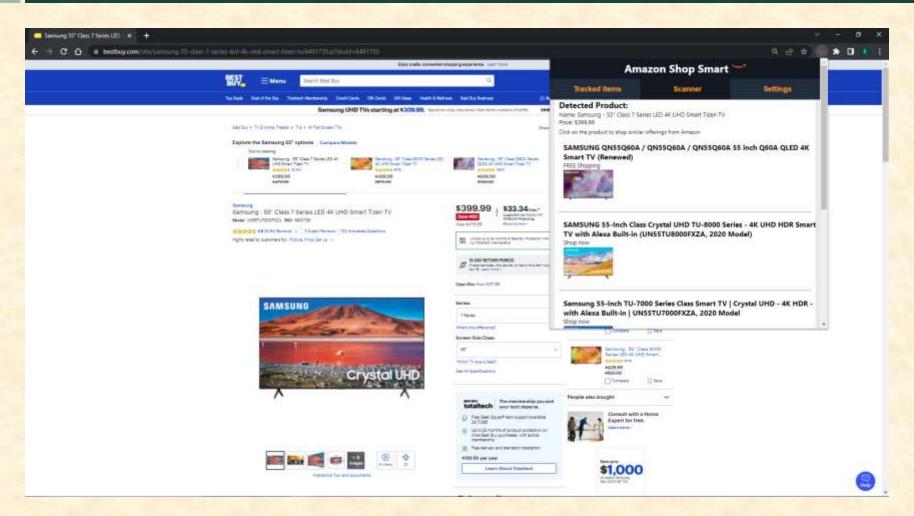*From Students…*
…to Professionals

Project Overview

- Create a pop-up browser extension to improve the Amazon shopping experience

- Tracks Amazon products

- Used while browsing external retailer's sites
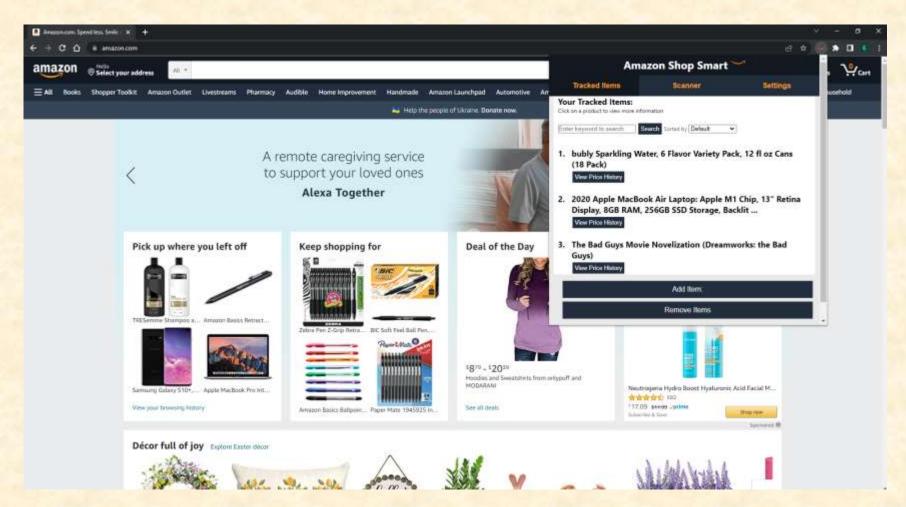
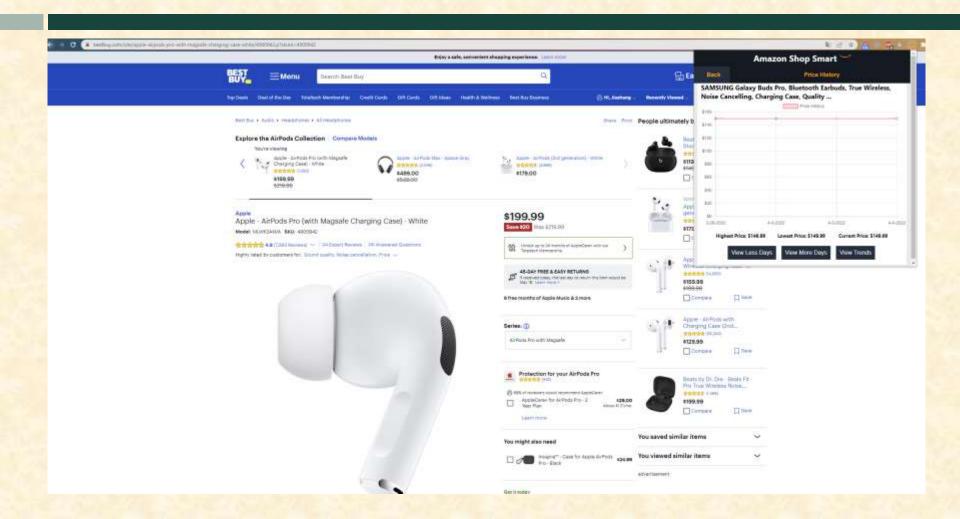- Sends automated email notifications

System Architecture

Scanner

Tracked Items

Price History

Email Notification

Message from Amazon Shop Smart

A   amazonshopsmartnotifications@gmail.com
Fri 4/1/2022 6:37 PM
To: Yedlapati, Hithesh

Dear Hithesh Yedlapati,

The product, Amazon Basics Kitchen Island Cart with Storage, Solid Wood Top and Wheels - Cherry / Black, on your Amazon tracked list has decreased below your desired price of $160 with an active price of $135.30!

Thank You for using Amazon Shop Smart!

Reply   Forward

What's left to do?

- Stretch Goals
  - Price trend prediction
  - Make available on Mozilla Firefox
  - Add more supported sites
- Other Tasks
  - Publish to Chrome and Edge stores
  - Optimizations/speedups
  - Beautify email notifications
  - Bug fixes

Questions?