MICHIGAN STATE UNIVERSITY

Alpha Presentation

Smart Little Hunter of Fakes

The Capstone Experience

Team Scout

Lukas Nolta
Mike McVey
D'Angela Anderson
Yifeng Lu
Georgios Siozios
Meghna Nair

Department of Computer Science and Engineering
Michigan State University

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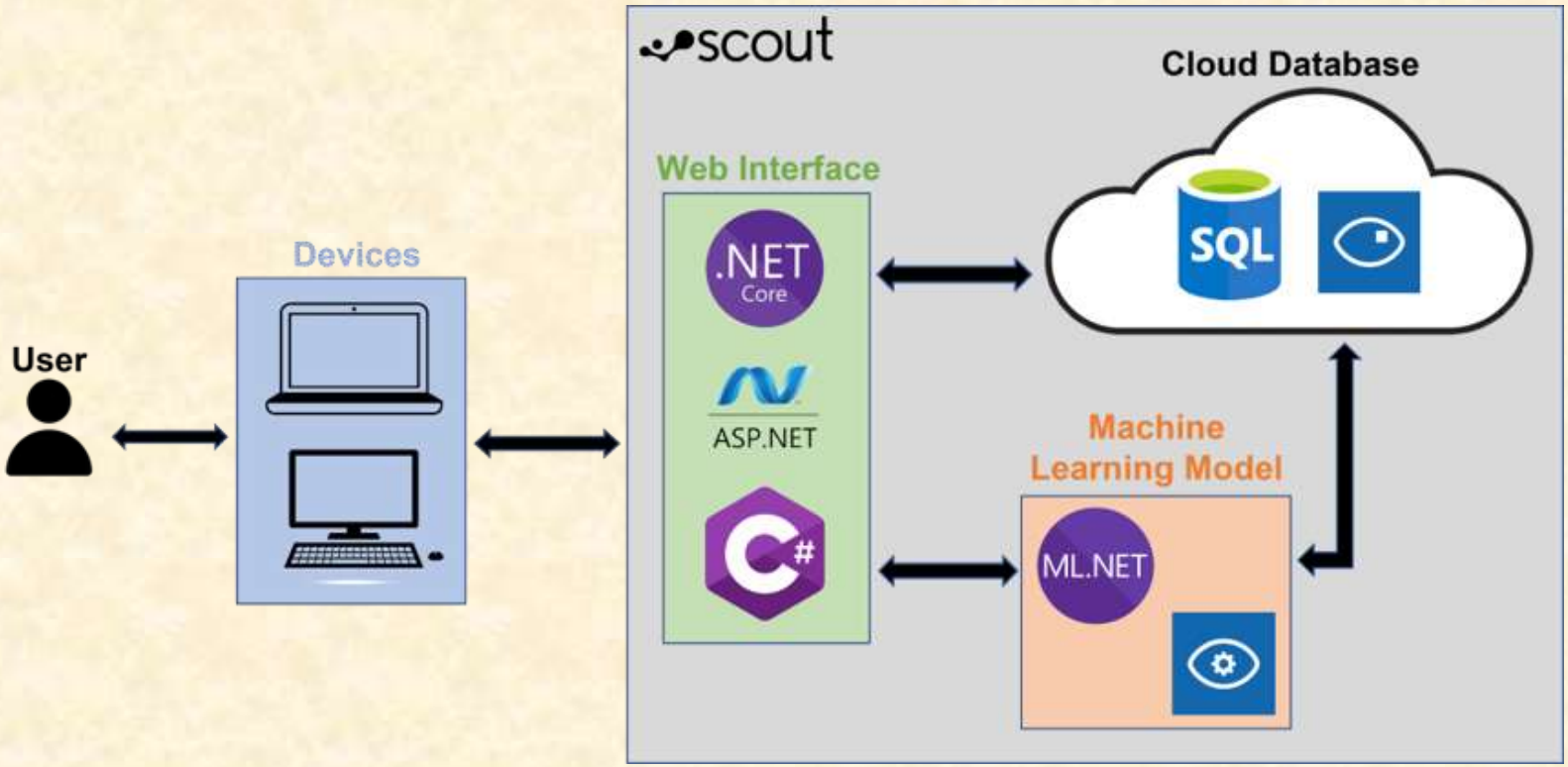
From Students…
…to Professionals

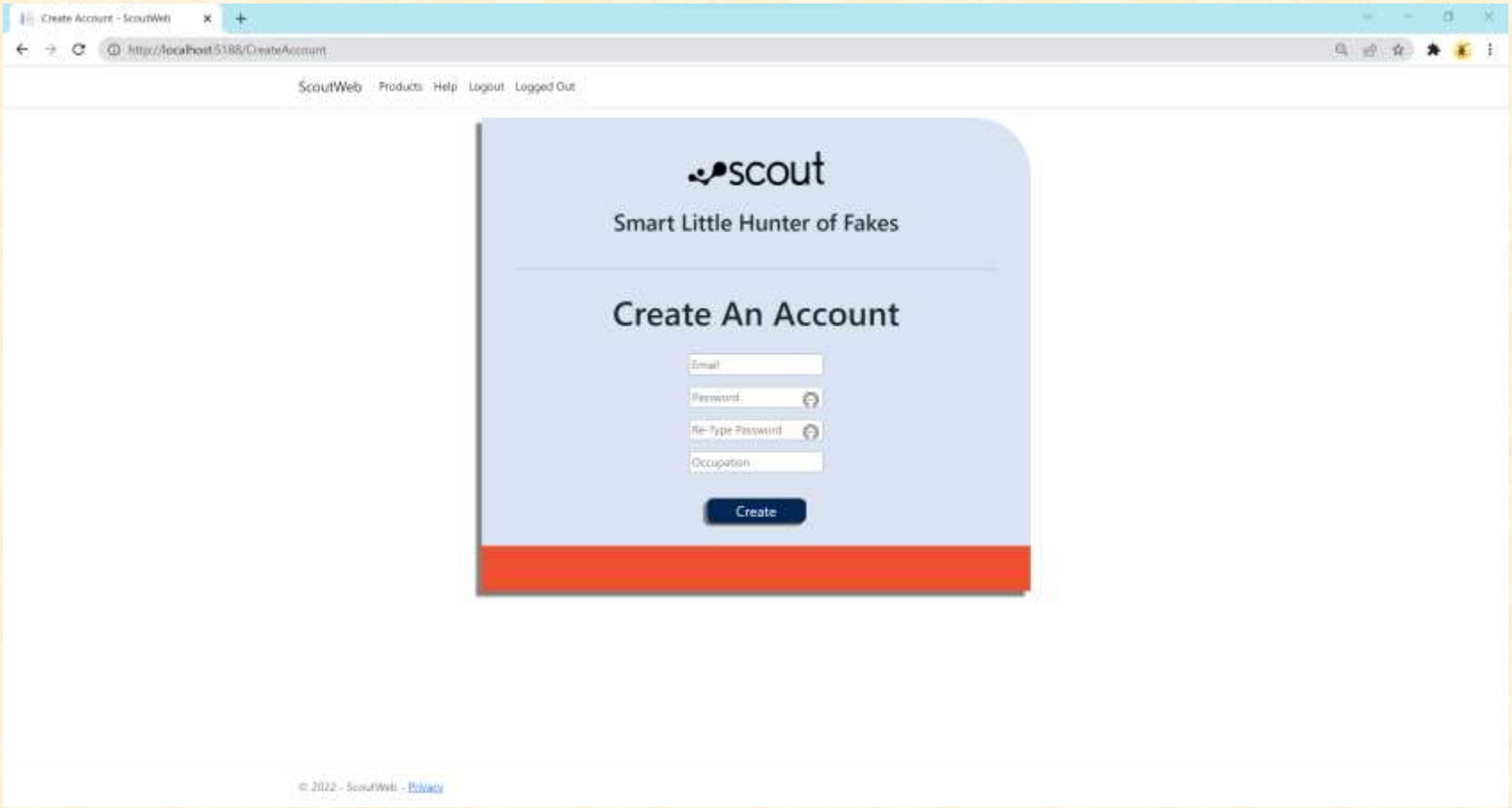
Project Overview

- The international trade in counterfeit and pirated products amounts to more than $500 billion, which is 3.3% of world trade
- Our system will provide an easy way of collecting and identifying fake product listings
- Use brand specific information to crawl the web for similar product listings
- Users review data and provide a response of "Real", "Fake" or "Unknown"
- System provides a prediction based on user responses

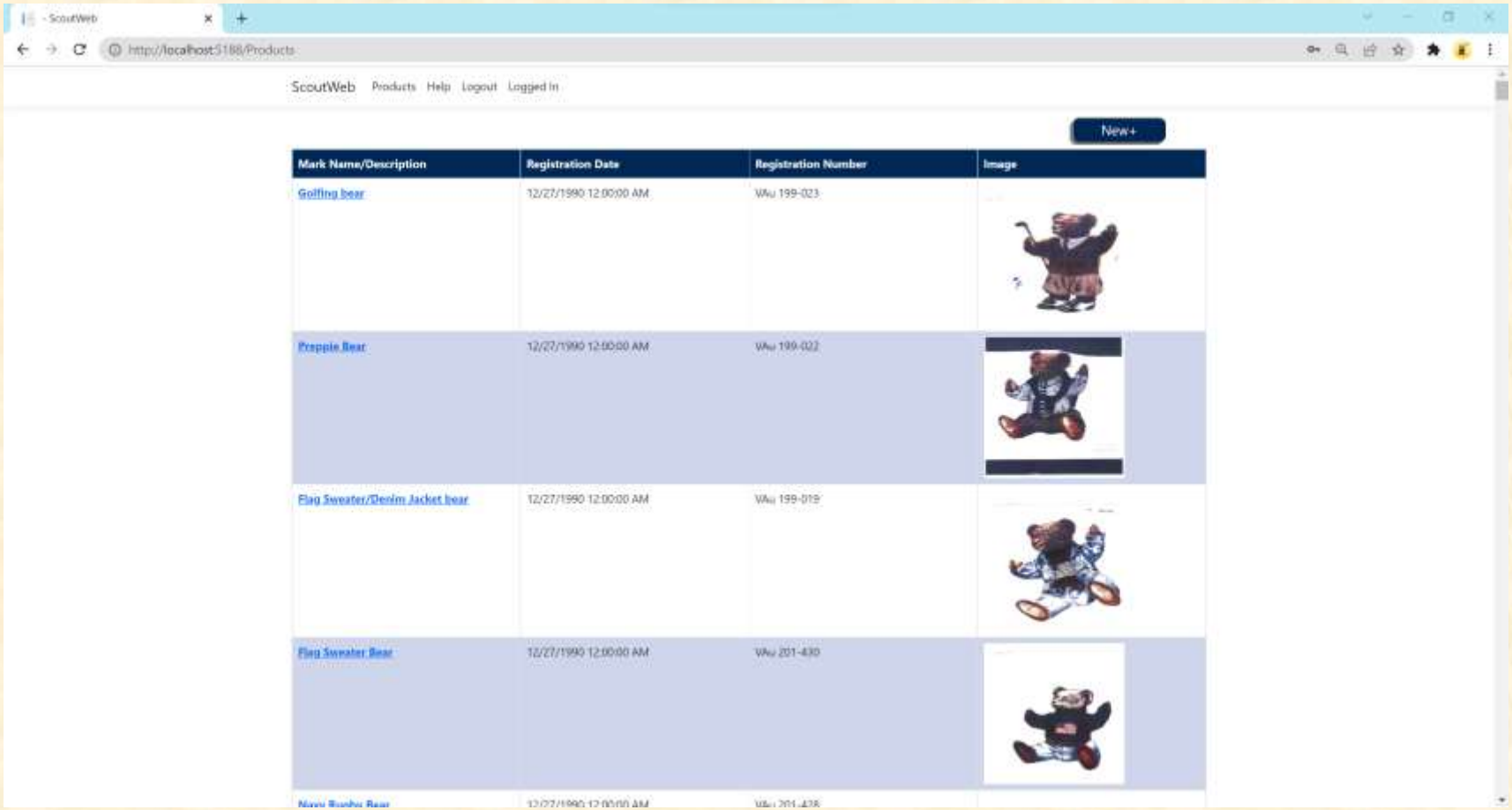
System Architecture



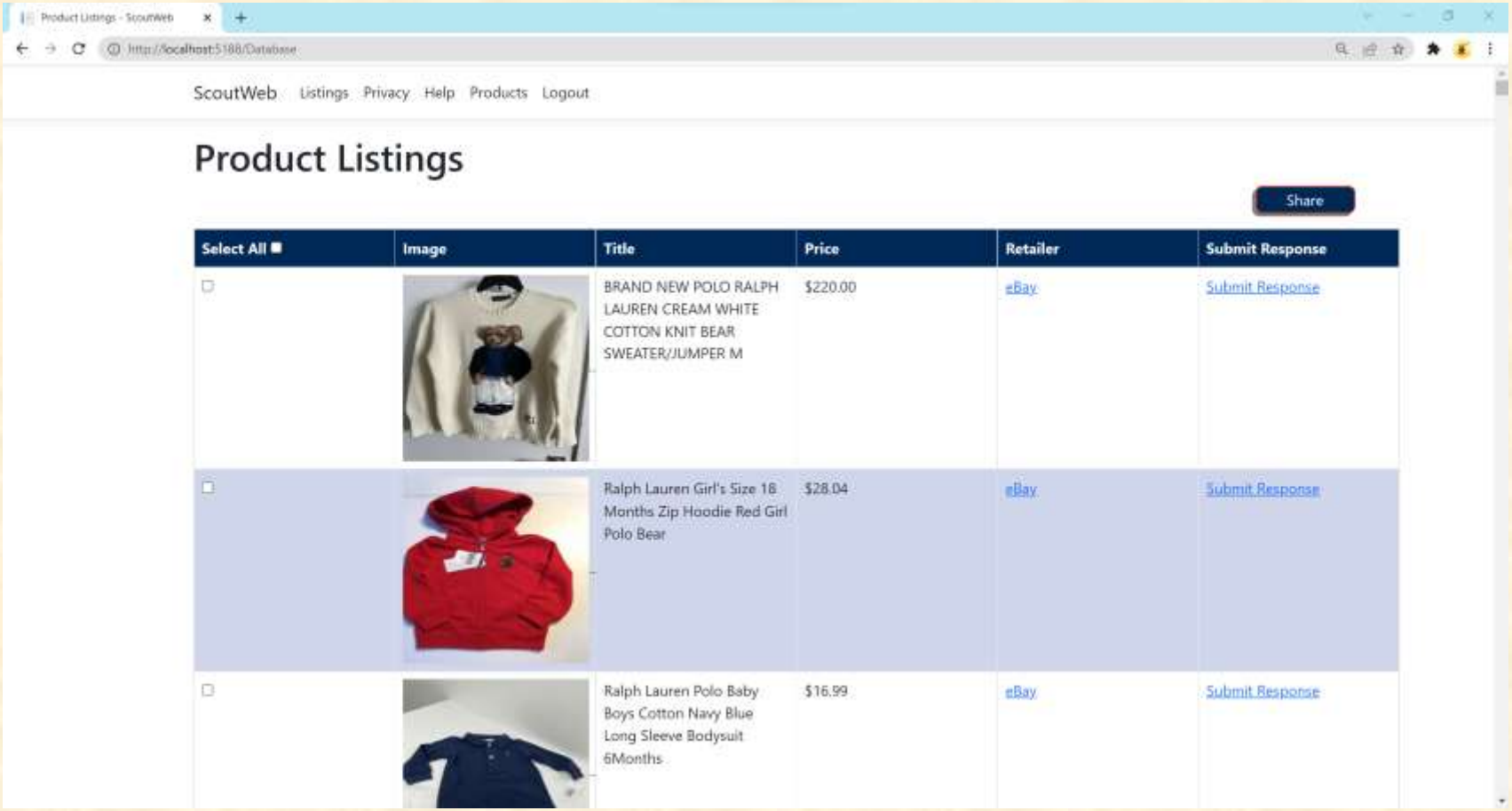
Create Account Page



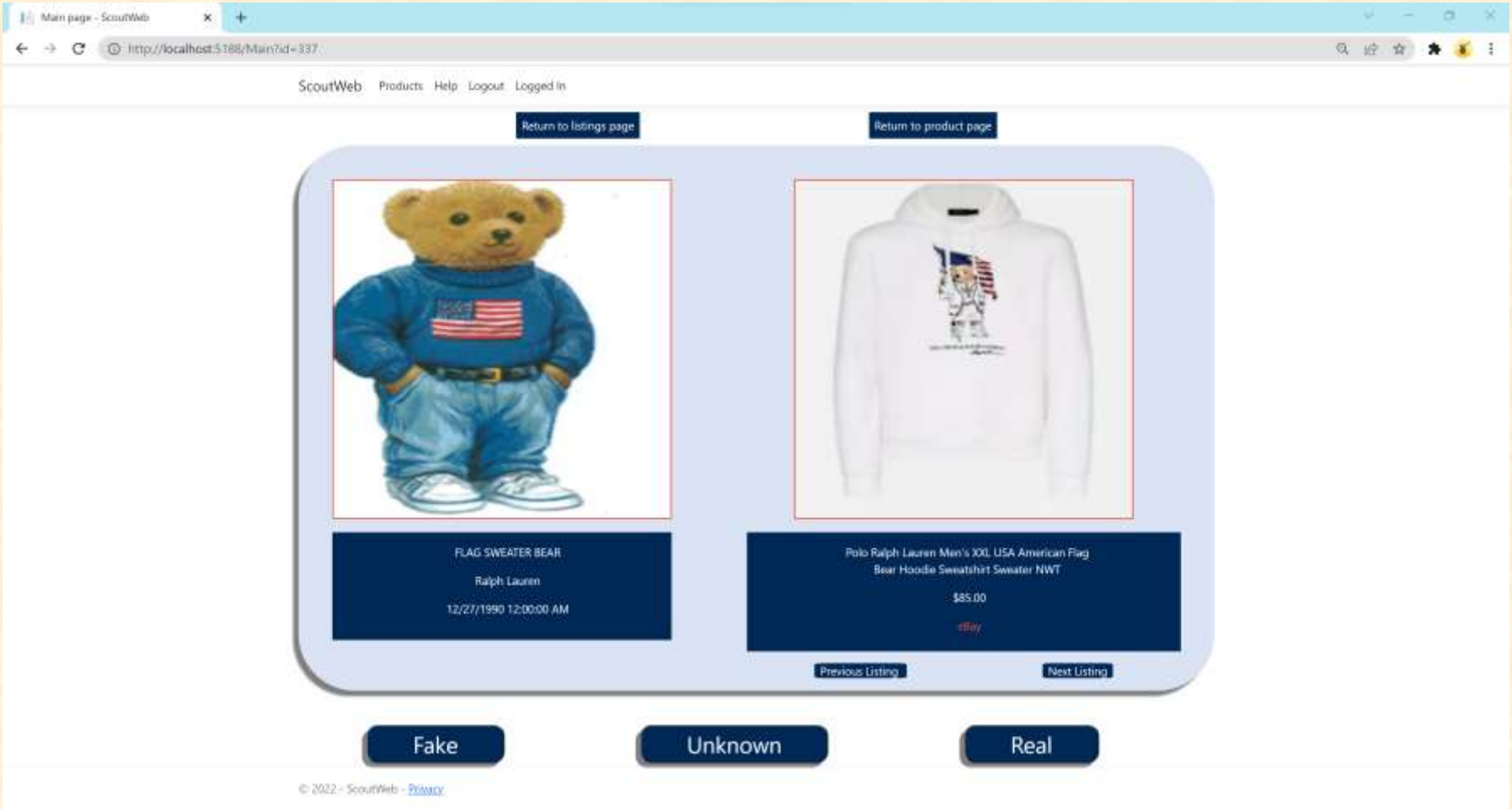
Product Page



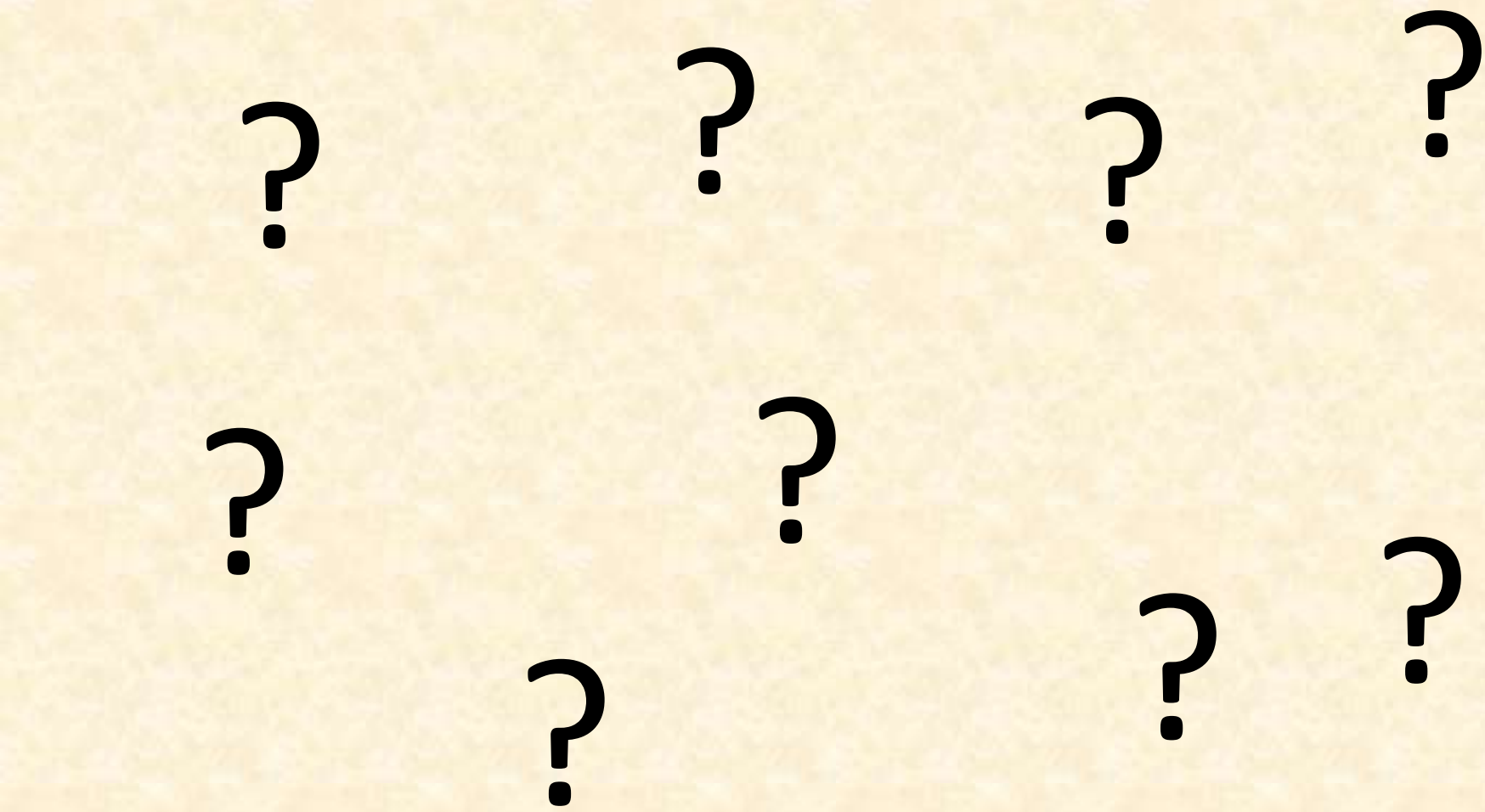
Product Listings Page



Comparison Page



What's left to do?

- Add a bookmarked page
- Perform search and sort algorithms to refine user view
- Add CRUD operations to system interface
- Salt and hash user information
- Refine web crawler and machine learning model

Questions?