

MICHIGAN STATE

UNIVERSITY

Beta Presentation

Amazon Group Buying Tool

The Capstone Experience

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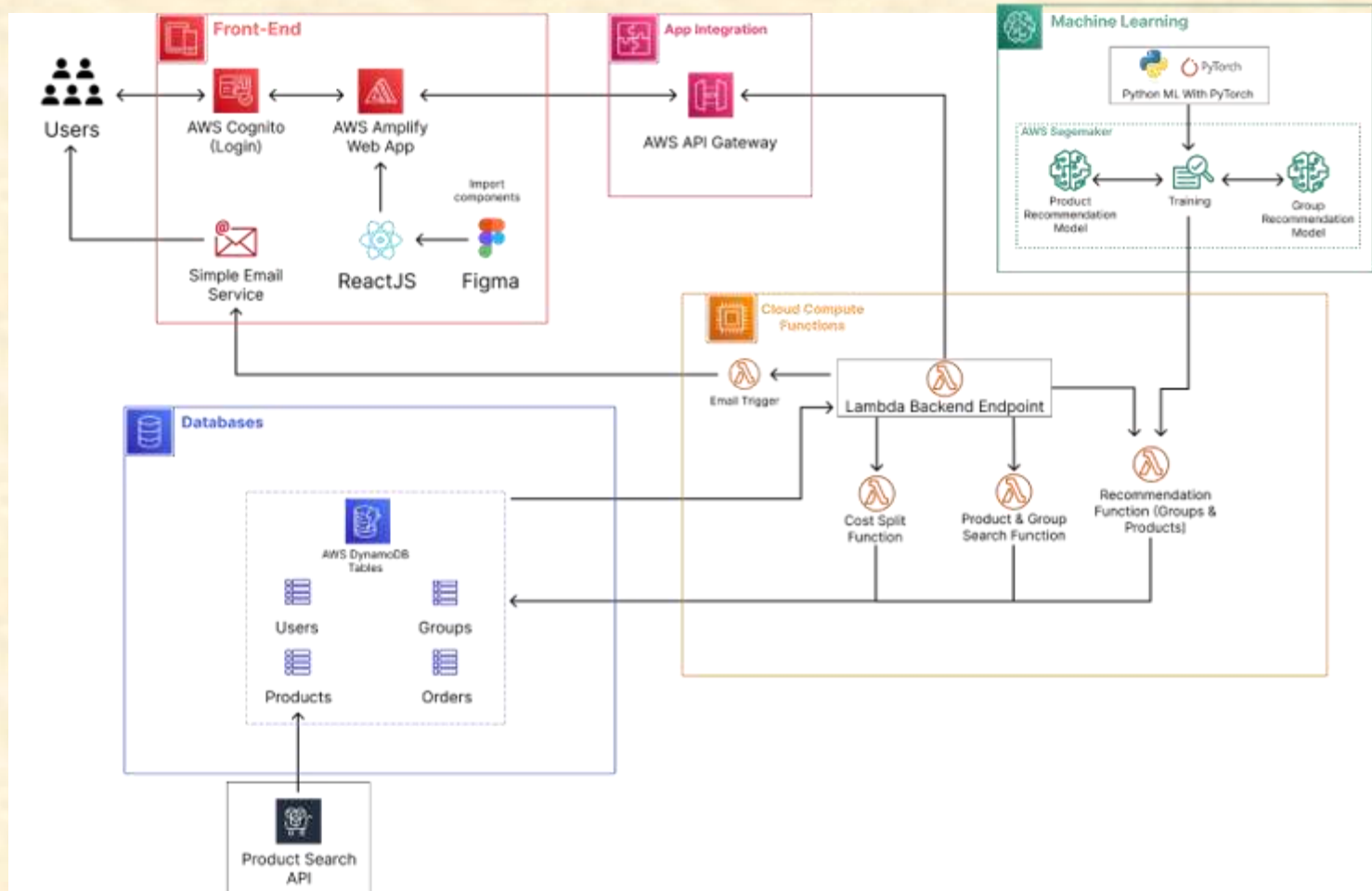
*From Students...
...to Professionals*

Project Overview

- Group carts for cost splitting
- Users save time to purchase
- Remove need for third-party apps
- User recommendations based on items in cart



System Architecture



Group Cart View

The screenshot displays the Amazon Group Buy interface. At the top, the Amazon logo is on the left, and the text "Welcome to Group Buy!" is centered. On the right, there are icons for a shopping cart and a user profile, with labels "Cart" and "Sign Out" below them. Below the header is a search bar labeled "Find Item" and two navigation tabs: "Groups" and "Order History".

A banner ad for "Scotts Halts Crabgrass & Grassy Weed Preventer" is shown, with a "Get Started" button. Below the banner is a sidebar titled "Your Carts" with options: "+ Create New Cart", "Your Personal Cart", "Single Item Splits", "Apt 3 Expenses" (selected), "Untitled Cart", and "Test bugs".

The main content area shows the "Apt 3 Expenses" group cart. It includes a "Delete Group" button, a "View Group Members" link, and a prominent yellow "Edit Cart Settings" button. The cart contains one item: "Clorox Disinfecting Wipes Value Pack, Crisp Lemon and Fresh Scent - 35 Count (Pack of 3)". The item has a quantity of 1 and a price of \$3.75. Below the item are buttons for "Delete", "Split Now", and "Confirm".





On the right side, there is a summary section showing "Subtotal (1 item): \$71.96000000000001" and a yellow "Confirm All" button. Below that is a section titled "Products Related To Items in Your Cart" featuring a "Clorox Clean-Up All Purpose Cleaner Spray Bottle with Bleach, Fresh Scent, 32 Fl Oz".



Group Search Page

Find a Group



Popular Groups :

 Charity: water A non-profit organization that provides clean drinking water to people in developing countries through the construction of wells and water filtration systems. Members: 1	 Doctors Without Borders - Charity This charity provides medical aid to people affected by conflict, epidemics, and disasters in over 70 countries. They work to deliver lifesaving care to those who need it most. Members: 3	 Make-A-Wish Foundation - Charity This charity works to grant wishes to children with life-threatening illnesses. They provide hope and joy to children and their families by fulfilling their wishes. Members: 0	 St. Jude Children's Research Hospital - Charity This charity is dedicated to finding cures for childhood cancer and other life-threatening diseases. They provide care and treatment to children regardless of their ability to pay.
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Product Search Result Page

The screenshot shows a web browser window with the URL `https://localhost:3000/ProductSearch`. The page header features the Amazon logo, the text "Welcome to Group Buy!", a shopping cart icon labeled "Cart", and a user profile icon labeled "Sign Out". Below the header is a search bar containing the text "Cats" and a search button. To the right of the search bar are links for "Groups" and "Order History". The main content area is titled "RESULTS" and displays two product listings:

- JONNY CAT Heavy Duty Jumbo Tear-Resistant Litter Box Liners, 5 Count**
★★★★★

- Tidy Cats Purina Instant Action Scoop Pail, 35 lb**
★★★★★




Item Split – Cart View

Commit: S SVM-osp: Option: React: X [386] C: [386] q: [210] D: [386] In: Amazon: api gate: https:// Back-Fri: +


Not secure | https://localhost:3000

Loading [Get Started](#)

Your Carts

- + Create New Cart
- Your Personal Cart
- Single Item Splits
- Apt 3 Expenses
- Untitled Cart
- Untitled Cart
- Test bugs

Single Item Splits




 A Camping Spree with Mr. Magee: (Read Aloud Books, Series Books for Kids, Books for Early Readers) (Mr. Magee, MCGE)
\$9.88

| [Cancel](#) | [Confirm](#)

Subtotal (1 item): \$0

[Confirm All](#)

Products Related To Items in Your Cart

-  Blanket - QUEEN SIZE
★★★★★ \$67.60
-  Happy Belly Marshmallows - No Synthetic Colors
★★★★☆ \$5.00
-  365 Oat Based Whipped Topping

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What's left to do?

- Features
- Stretch Goals
 - Item Split override
 - Order single items off a cart
 - Contribute to single item purchase
 - Item request by non-admins
- Other Tasks
 - Optimizing time
 - Improving U.I.
 - Bug Fixes/Error Handling



Questions?

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