

MICHIGAN STATE
UNIVERSITY

Beta Presentation

Kohl's Cash Hero

The Capstone Experience

Team Kohl's

Arik Hamacher

Travis Ngo

Zaid Qourah

Kyle Raeside

Devang Sethi

Tommy Whaley

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Michigan State University



From Students...
...to Professionals

Fall 2025

Project Overview

- Kohl's wants more demographic diversity
- Improve the web store through gamification
- Generate interest and shareability among younger shoppers
- Collect users' interests for Kohl's

KOHL'S



Team Member's Technical Tasks

Technical Tasks Assigned

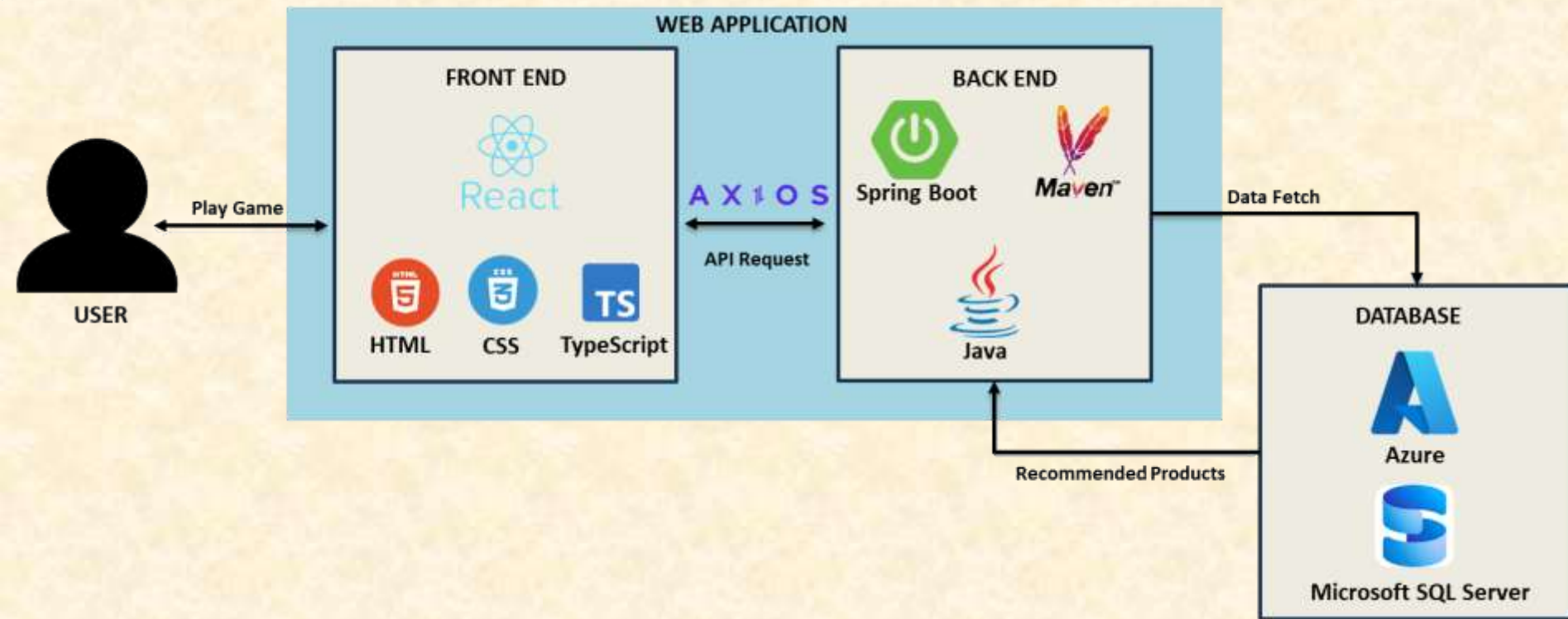
- Arik Hamacher
 - Create Dashboard, navbar, catalog, groups, admin main/products/shell
 - Created Swiping Game Product card/modal
 - Refactors/Optimizations to game, liked products, and Wishlist
 - Cold start filtering
- Travis Ngo
 - Rewards, My Account, admin missions/groups
 - Okta log-in system
 - Groups View Modal/Leaderboard functions
- Zaid Qourah
 - Catalog Recommendations, Card Modal Game backend
 - Cold start gender implementation
 - Group Create/Join/Leave/Invite/Ownership Transfer and Search/Filtering for products (admin page)
- Kyle Raeside
 - Point counter, game end screen, admin rewards page and admin missions create
 - Tier system
 - Daily login
- Devang Sethi
 - Game cold start
 - Pop-ups, Outfit recommendations, Surprise rewards, Collections, Trending page, Mini-Game
 - Captcha
 - Azure database
- Tommy Whaley
 - Cold start frontend, Demo page
 - Missions/ Daily missions
 - admin game/group events

Technical Tasks Completed

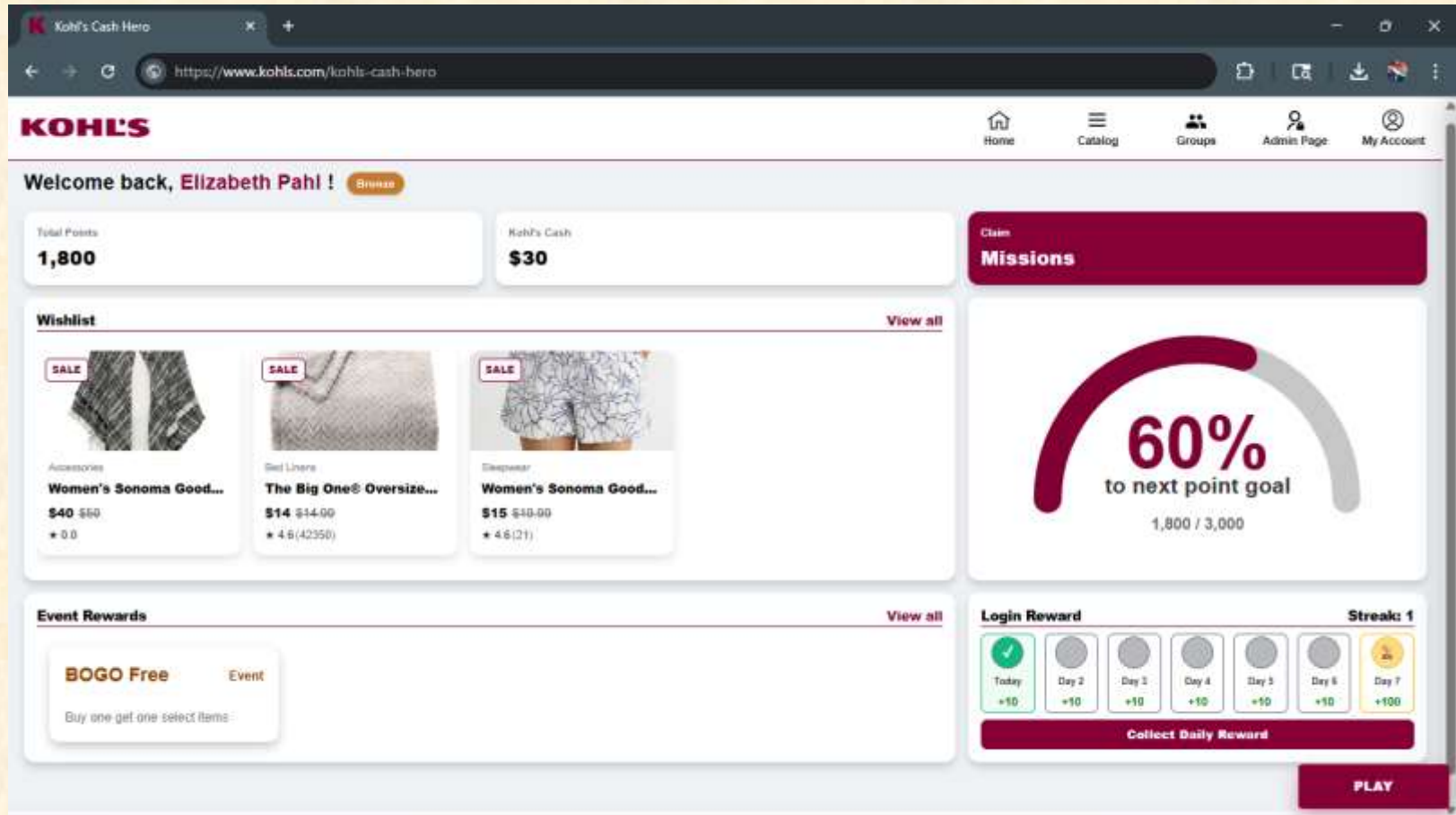
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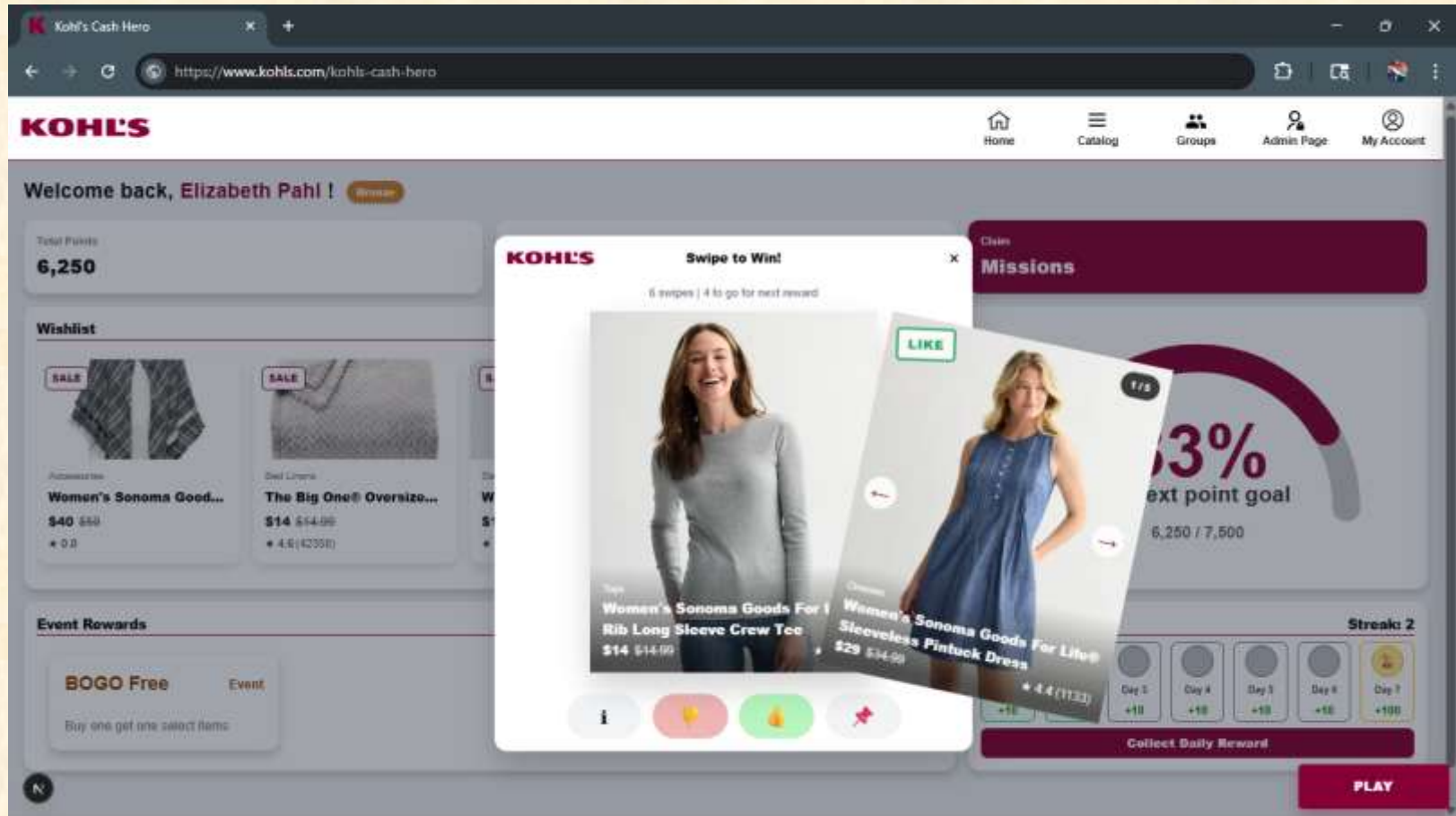
System Architecture



Dashboard



Swipe Game



Groups

The screenshot shows the Kohl's Cash Hero Groups page. The top navigation bar includes the Kohl's logo and links for Home, Catalog, Groups, Admin Page, and My Account. The main heading is "Community Groups". Below this is a "Leaderboard" section with tabs for Points (selected), Members, and Name, and a search bar. The leaderboard table lists 10 groups with their rank, name, members, points, and progress bar. To the right is a "June Group Event" section with a progress bar showing current progress of 52,740 pts and three goal milestones: 8,000 (Claimed), 20,000 (Claimed), and 50,000 (Unlock Event Reward).

Rank	Group	Members	Points	Progress
1	Kohl's Admins	5	52,740	
2	Quantum Quokkas	1	7,020	
3	Pixel Pioneers	1	6,800	
4	Creative Collective	1	6,580	
5	Insight Initiative	1	6,440	
6	Mind Mavericks	1	6,330	
7	Goal Getters	1	6,320	
8	Code Crusaders	1	6,220	
9	Spark Squad	1	6,110	
10	Logic Legends	1	6,060	

June Group Event
Work with your group to reach the point goal!

Current progress: 52,740 pts

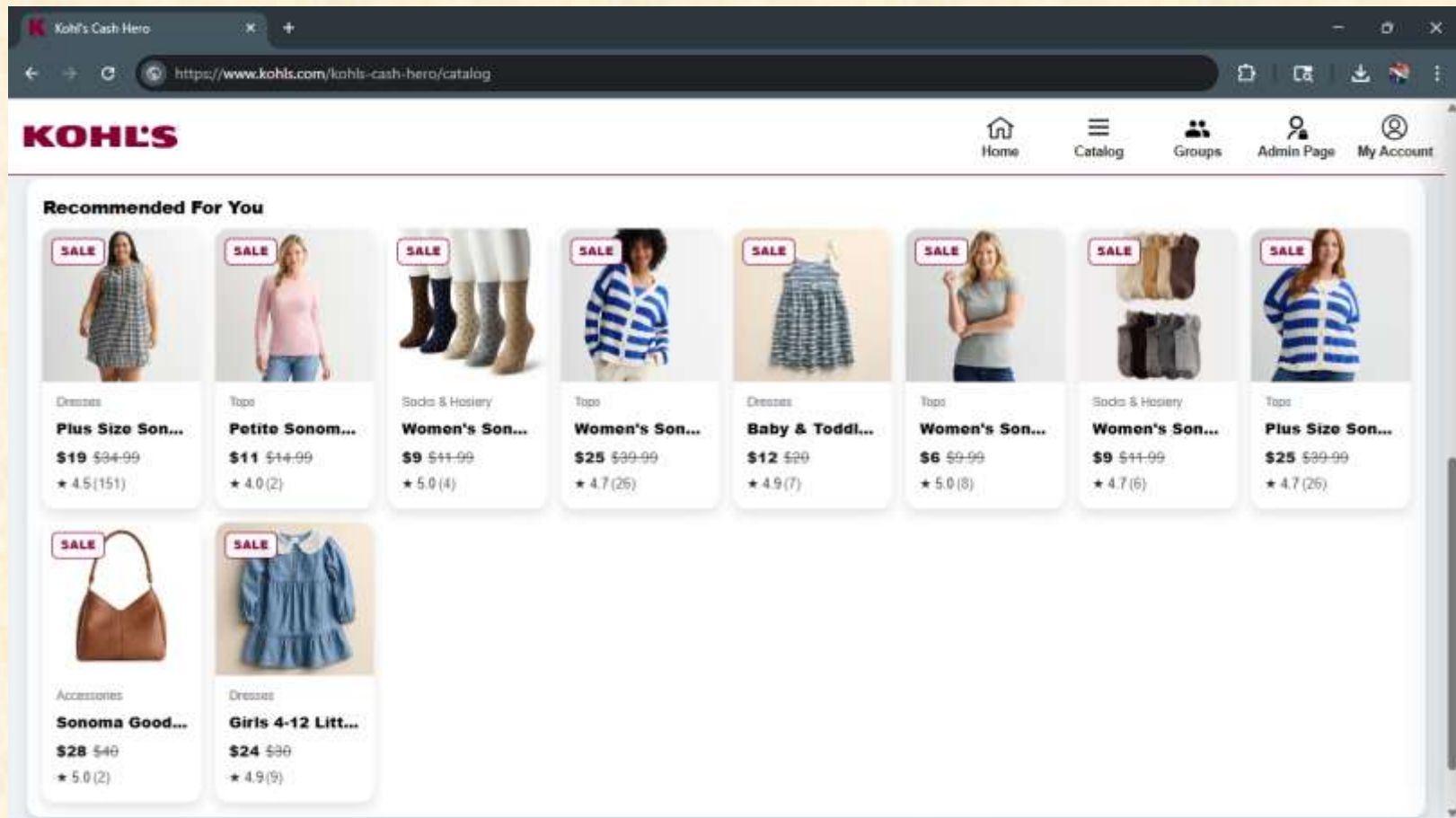
Goal: 8,000 Claimed

Goal: 20,000 Claimed

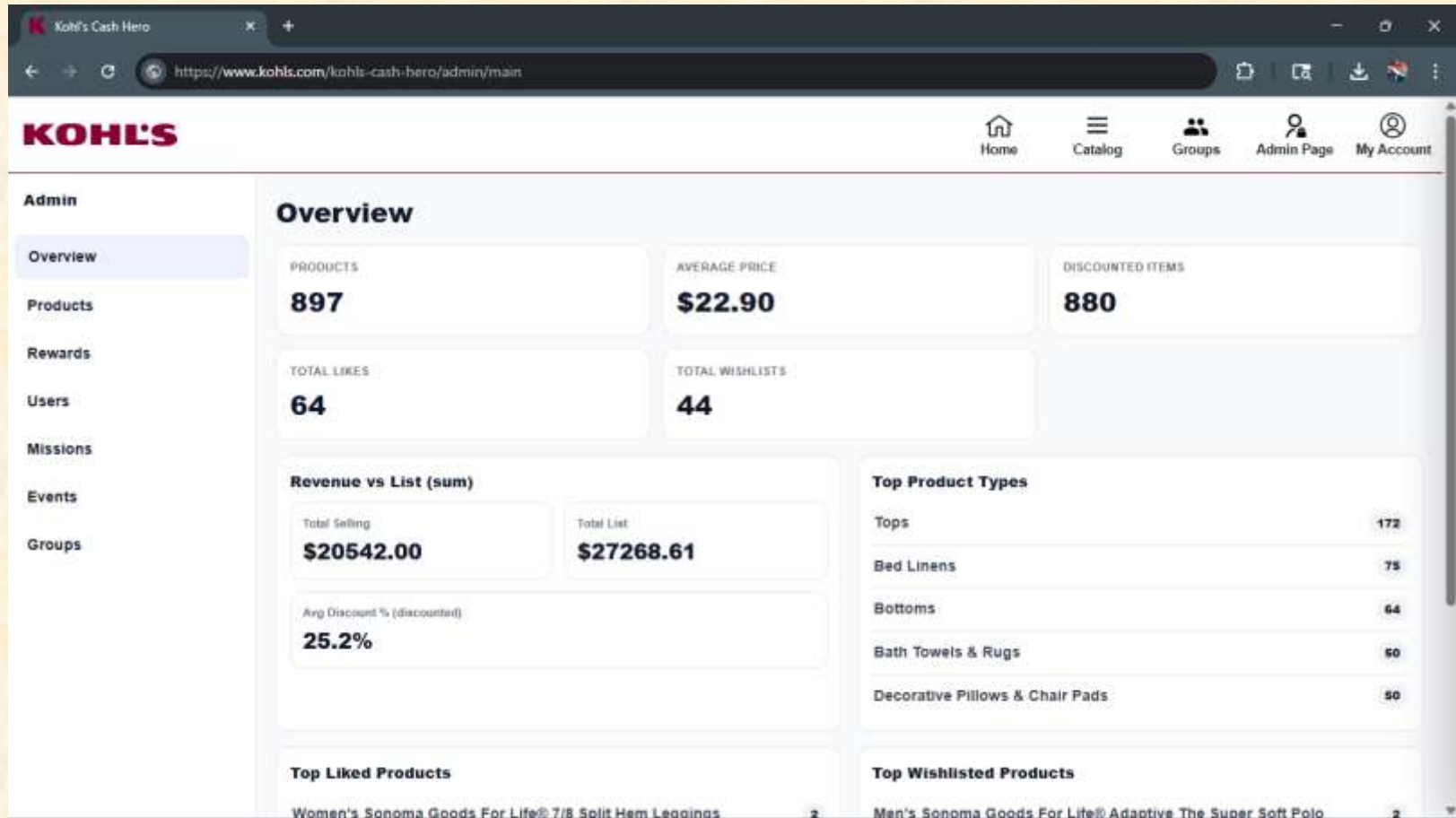
Goal: 50,000 Unlock Event Reward



Recommendations



Admin Dashboard



What's left to do?

- Stretch Goals
 - Captcha
 - Wishlist Collections
- Other Tasks
 - New mission types (groups)
 - Security audit
 - Bug fixes

Questions?

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