



Diamond a Dozen

KEDRON ABBOTT, DAISY BARBANEL, MAYA KHANNA



Problem



Purpose

- Based on a User's transaction history
 - List Most Common Merchants
 - Generate list of coupons based on each popular merchant
- User can click on a coupon to see pop up screen
 - Saving potential
 - Further information on coupon
- User has the option to "save" coupons

Technologies Used

- Backend:
 - Flask
- Frontend
 - Javascript
 - CSS
 - Bootstrap
- Database
 - FireBase



Nessie API

- Capital one's API
- Retrieved Data
 - Customer Information
 - Transaction History



Discount API

- Find deals using queries
- Get url, links to groupon
- Radius is preset to 10
- Location is based on your current location, use of IP address



Firestore Database

diamond-a-dozen

✚ fpredovic

✚ jschowalter

▢ kwindler

....._id: "5b759395322fa06b67793bf1"

✚ address

✚ deal_list

.....first_name: "Kylie"

.....last_name: "Windler"

.....password: "capital"

.....username: "kwindler"

▢ mjordan

....._id: "5b75bae4f0cec56abfa4369d"

✚ address

▢ deal_list

✚ 389652

✚ 527912

.....first_name: "Michael" X

.....last_name: "Jordan"

.....password: "capital"

.....username: "mjordan"



Demo



Questions?