University of British Columbia, Vancouver
Department of Computer Science

CPSC 304 Project Cover Page

Milestone #: 4

Date: 11/25/22

Group Number: 94

Name	Student Number	CS Alias (Userid)	Preferred E-mail Address
Alexander Liteplo	14470900	x5f6h	alexanderliteplo@gmail.com
Bhairaw Aryan	81199119	k0i3b	baryan01@student.ubc.ca
Lucas Moynier	94057809	s2x2b	lmoynier@student.ubc.ca

By typing our names and student numbers in the above table, we certify that the work in the attached assignment was performed solely by those whose names and student IDs are included above. (In the case of Project Milestone 0, the main purpose of this page is for you to let us know your e-mail address, and then let us assign you to a TA for your project supervisor.)

In addition, we indicate that we are fully aware of the rules and consequences of plagiarism, as set forth by the Department of Computer Science and the University of British Columbia

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Project description:

Our project is a website where users can manage BestBuy and view BestBuy products. Our website calls the BestBuy API to seed and populate our database with BestBuy product information. Users can make searches for specific products and filter their searches based on specific criteria such as price and reviews. Users will be able to view a search history page which will store the searches made by all users. Users will be able to retrieve information from the search history page, such as searches made in every country.

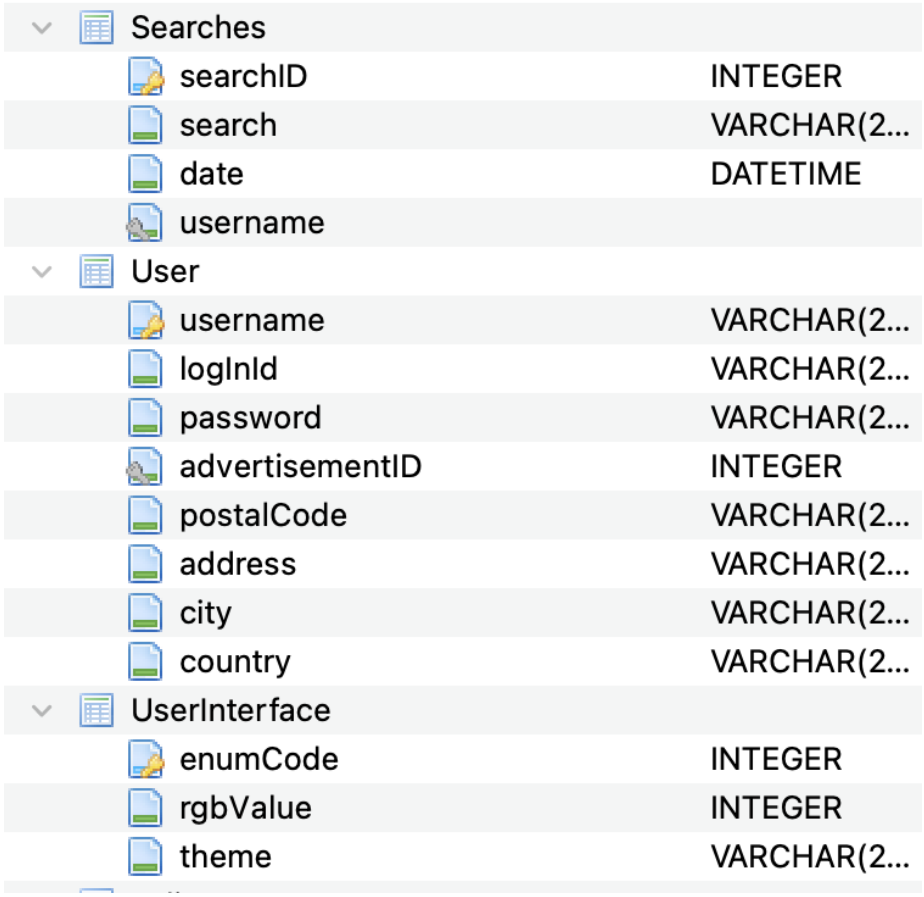
Final schema differences:
Global Inventory deleted and replaced with:

Searches(**searchID**, search, dateGenerated, **username**)

Repository Link:

https://github.students.cs.ubc.ca/CPSC304-2022W-T1/project_k0i3b_s2x2b_x5f6h

Schema screenshots:


Searches
searchID INTEGER
search VARCHAR(2...
date DATETIME
username
User
username VARCHAR(2...
logInId VARCHAR(2...
password VARCHAR(2...
advertisementID INTEGER
postalCode VARCHAR(2...
address VARCHAR(2...
city VARCHAR(2...
country VARCHAR(2...
UserInterface
enumCode INTEGER
rgbValue INTEGER
theme VARCHAR(2...

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AIReview	
reviewID	Integer
dateGenerated	DATETIME
algorithm	VARCHAR(2...
score	FLOAT
productID	DECIMAL
Advertisement	
advertisementID	INTEGER
brand	VARCHAR(2...
BestBuyReview	
reviewID	INT
score	FLOAT
ReviewerName	VARCHAR(2...
dateReviewed	DATETIME
productID	INTEGER
Cart	
cartID	Integer
username	VARCHAR(2...
CartContainsProduct	
cartID	INT
username	VARCHAR(2...
productID	INT
Product	
productID	Integer
price	FLOAT
name	VARCHAR(2...
searchID	Integer
company	VARCHAR(2...

List of queries used:

Query that updates user information

```
UPDATE User
SET password = User Input,
postalCode = User Input,
address = User Input,
city = User Input,
country = Userinput
WHERE username = 'username';
```

Query that adds a user:

```
INSERT INTO User(userName,
                loginID,
                password,
                advertisementID,
                postalCode,
                address,
                city,
                country)
            VALUES('username',
                    'logInId',
```

```
                    'password',
                    advertisementID,
                    'postalCode',
                    'address',
                    'city',
                    'country');
```

Query that deletes a user

```
DELETE FROM User WHERE username = 'username';
```

Queries that do column selection:

```
Display product info all columns

SELECT U.username,
            U.country,
            S.search, P.name,
            P.price, P.company,
            AR.score as bestBuyReviewScore,
            AI.score as aiReviewScore,
            S.searchDate as date
    FROM User U NATURAL JOIN Searches S
    NATURAL JOIN Product P
    LEFT JOIN BestBuyReview AR ON P.productID = AR.productID
    LEFT JOIN AIReview AI ON P.productID = AI.productID
```

```
Display product info no country column

SELECT U.username,

               S.search, P.name,

               P.price, P.company,

               AR.score as bestBuyReviewScore,

               AI.score as aiReviewScore,

               S.searchDate as date

     FROM User U NATURAL JOIN Searches S

     NATURAL JOIN Product P

     LEFT JOIN BestBuyReview AR ON P.productID = AR.productID

     LEFT JOIN AIReview AI ON P.productID = AI.productID
```

```
Display searches no price

SELECT U.username,

               U.country,

               S.search, P.name,

               P.company,

               AR.score as bestBuyReviewScore,

               AI.score as aiReviewScore,

               S.searchDate as date

     FROM User U NATURAL JOIN Searches S
```

```
    NATURAL JOIN Product P

    LEFT JOIN BestBuyReview AR ON P.productID = AR.productID

    LEFT JOIN AIReview AI ON P.productID = AI.productID
```

```
Display product info no price and no username

SELECT

              U.country,

              S.search, P.name,

              P.company,

              AR.score as bestBuyReviewScore,

              AI.score as aiReviewScore,

              S.searchDate as date

    FROM User U NATURAL JOIN Searches S

    NATURAL JOIN Product P

    LEFT JOIN BestBuyReview AR ON P.productID = AR.productID

    LEFT JOIN AIReview AI ON P.productID = AI.productID
```

```
Display product info no price no search no country

SELECT

              S.search, P.name,

              P.company,

              AR.score as bestBuyReviewScore,
```

```
                AI.score as aiReviewScore,

                S.searchDate as date

    FROM User U NATURAL JOIN Searches S

    NATURAL JOIN Product P

    LEFT JOIN BestBuyReview AR ON P.productID = AR.productID

    LEFT JOIN AIReview AI ON P.productID = AI.productID
```

```
Display product info no price and no country

SELECT U.username,

                S.search, P.name,

                P.company,

                AR.score as bestBuyReviewScore,

                AI.score as aiReviewScore,

                S.searchDate as date

    FROM User U NATURAL JOIN Searches S

    NATURAL JOIN Product P

    LEFT JOIN BestBuyReview AR ON P.productID = AR.productID

    LEFT JOIN AIReview AI ON P.productID = AI.productID
```

```
Display no username and no country

SELECT P.price,

                S.search, P.name,
```

```
              P.company,

              AR.score as bestBuyReviewScore,

              AI.score as aiReviewScore,

              S.searchDate as date

    FROM User U NATURAL JOIN Searches S

    NATURAL JOIN Product P

    LEFT JOIN BestBuyReview AR ON P.productID = AR.productID

    LEFT JOIN AIReview AI ON P.productID = AI.productID
```

```
Display product info no username

SELECT U.country,

              S.search, P.name,

              P.price, P.company,

              AR.score as bestBuyReviewScore,

              AI.score as aiReviewScore,

              S.searchDate as date

   FROM User U

   NATURAL JOIN Searches S

   NATURAL JOIN Product P

   LEFT JOIN BestBuyReview AR

     ON P.productID = AR.productID

   LEFT JOIN AIReview AI
```

```
    ON P.productID = AI.productID
```

```
Display product info no username or country

SELECT P.price,

               S.search, P.name,

               P.company,

               AR.score as bestBuyReviewScore,

               AI.score as aiReviewScore,

               S.searchDate as date

    FROM User U NATURAL JOIN Searches S

    NATURAL JOIN Product P

    LEFT JOIN BestBuyReview AR ON P.productID = AR.productID

    LEFT JOIN AIReview AI ON P.productID = AI.productID
```

```
Display Product info with no price and no country columns.

SELECT U.username,

               S.search, P.name,

               P.company,

               AR.score as bestBuyReviewScore,

               AI.score as aiReviewScore,

               S.searchDate as date

    FROM User U NATURAL JOIN Searches S
```

```
    NATURAL JOIN Product P

    LEFT JOIN BestBuyReview AR ON P.productID = AR.productID

    LEFT JOIN AIReview AI ON P.productID = AI.productID
```

Query that retrieves searches by searchID

```
    SELECT P.productID, P.name, P.price, A.score, R.score

    FROM Product P

    LEFT JOIN BestBuyReview A ON P.productID = A.productID

    LEFT JOIN AIReview R ON P.productID = A.productID

    AND A.productID = R.productID

    WHERE P.searchID = User Input;
```

Query that retrieves search info for searches with and average AI score >= user input

```
    SELECT S.search, P.name, AVG(P.price), AVG(AI.score),
    AVG(AR.score), date

    FROM User U

    NATURAL JOIN Searches S

    NATURAL JOIN Product P

    LEFT JOIN BestBuyReview AR ON P.productID = AR.productID
```

```
    LEFT JOIN AIReview AI ON P.productID = AI.productID

    GROUP BY S.search

    HAVING AI.score >= User Input;
```

Query for retrieving all search information

```
    SELECT U.username, U.country, S.search, P.name, P.price,
    AR.score, AI.score

    FROM User U

    NATURAL JOIN Searches S

    NATURAL JOIN Product P

    LEFT JOIN BestBuyReview AR ON P.productID = AR.productID

    LEFT JOIN AIReview AI ON P.productID = AI.productID
```

Query for retrieving all search information that hides username

```
    SELECT U.country, S.search, P.name, P.price, AR.score,
    AI.score

    FROM User U

    NATURAL JOIN Searches S

    NATURAL JOIN Product P

    LEFT JOIN BestBuyReview AR

    ON P.productID = AR.productID

    LEFT JOIN AIReview AI
```

```
    ON P.productID = AI.productID
```

Query to find the average price and average review score from all the searches

```
    SELECT S.search, P.name, AVG(P.price), AVG(AR.score),
    AVG(AI.score)

    FROM Searches S

    NATURAL JOIN Product P

    LEFT JOIN BestBuyReview AR

    ON P.productID = AR.productID

    LEFT JOIN AIReview AI

    ON P.productID = AI.productID

    GROUP BY S.search;
```

Query to find the average price and review scores of searches that have been made more than once

```
    SELECT S.search, AVG(P.price), AVG(AR.score),
    AVG(AI.score)

    FROM Searches S

    NATURAL JOIN Product P

    LEFT JOIN BestBuyReview AR

    ON P.productID = AR.productID

    LEFT JOIN AIReview AI

    ON P.productID = AI.productID
```

```
    WHERE P.searchID IN (SELECT S1.searchID
                         FROM Searches S1
                         GROUP BY S1.search
                         HAVING COUNT(*)> 1)
    GROUP BY S.Search;
```

Query that finds the searches that have been made in all countries

```
DROP VIEW IF EXISTS Division;

CREATE VIEW Division AS
SELECT U.username, S.search, U.country
FROM User U LEFT JOIN Searches S ON U.username = S.username;

SELECT DISTINCT D.Search
```

```
FROM Division D

WHERE NOT EXISTS (SELECT U1.country

                  FROM User U1

                  EXCEPT

                  SELECT D1.country

                  FROM Division D1

                  WHERE D1.search = D.search);
```

Query that retrieves product information from a search and is ordered by top ten AI review

```
SELECT P.productID, P.name, P.price, A.score, R.score

FROM Product P  LEFT JOIN BestBuyReview A ON P.productID =
A.productID LEFT JOIN AIReview R ON P.productID =
A.productID AND A.productID = R.productID

WHERE P.searchID = User Input

ORDER BY R.score DESC

LIMIT 10;
```

Query that retrieves product information from a search and is ordered by AI review

```
SELECT DISTINCT P.productID, P.name, P.price, A.score,
R.score
```

```
    FROM Product P  LEFT JOIN BestBuyReview A ON P.productID =
    A.productID LEFT JOIN AIReview R ON P.productID =
    A.productID AND A.productID = R.productID

    WHERE P.searchID = 21

    ORDER BY R.score DESC;
```

Query that finds products that are over a certain price

```
    SELECT P.productID, P.name, P.price, A.score, R.score

    FROM Product P

    LEFT JOIN BestBuyReview A

            ON P.productID = A.productID

    LEFT JOIN AIReview R

            ON P.productID = A.productID

    AND A.productID = R.productID

    WHERE P.price <= User Input;
```

Query that adds product to a cart

```
SELECT FROM CartContainsProduct WHERE username = User Input AND
productID = User Input

SELECT cartID FROM Cart WHERE username = User Input

INSERT INTO CartContainsProduct (cartID, username, productID)
VALUES (cartId, userInput, UserInput)
```

Query that checks if product is already in cart

```
SELECT * FROM CartContainsProduct WHERE username = User Input
AND productID = User Input;
```

Query that adds product into cart

```
INSERT INTO CartContainsProduct (cartID, username, productID)
VALUES (User Input, User Input, User Input)
```

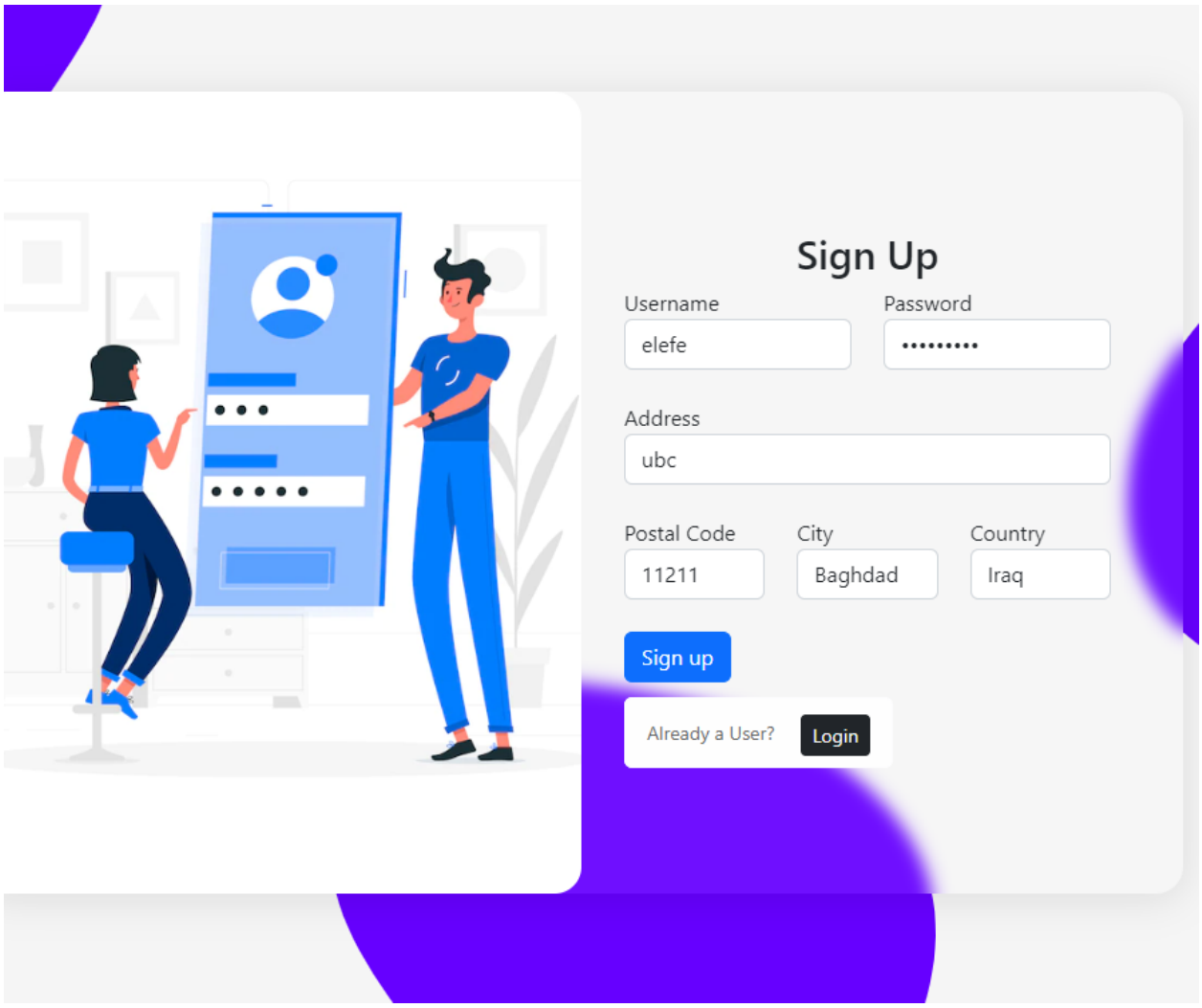
Query that deletes product from cart

```
DELETE FROM CartContainsProduct WHERE productID = User Input
AND username = UserInput
```

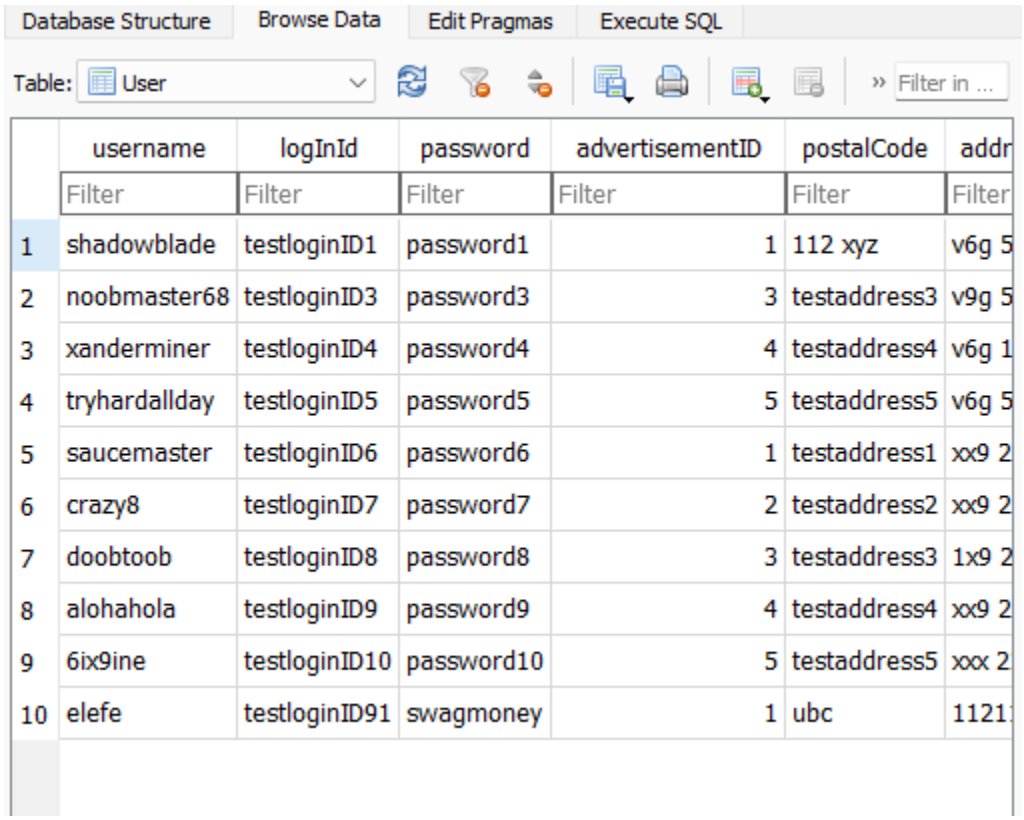
Screenshots of sample input/output:

INSERT Operation

Before user Input:



After User Input:



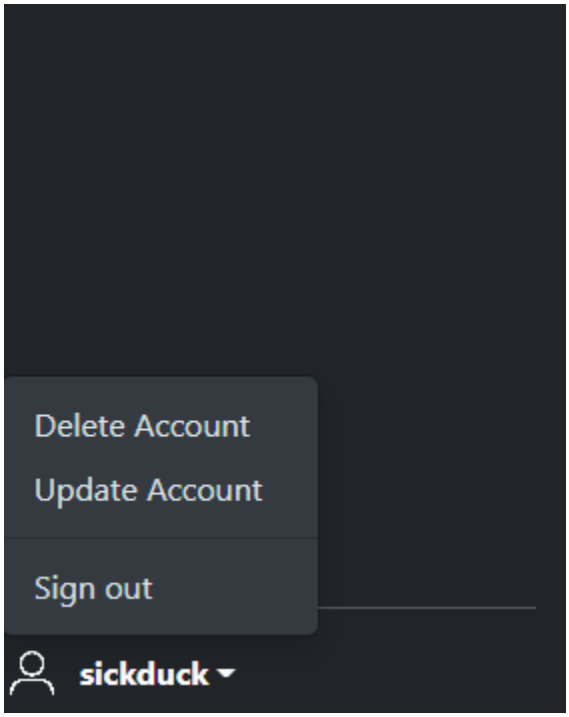
Database Structure | Browse Data | Edit Pragmas | Execute SQL

Table: User

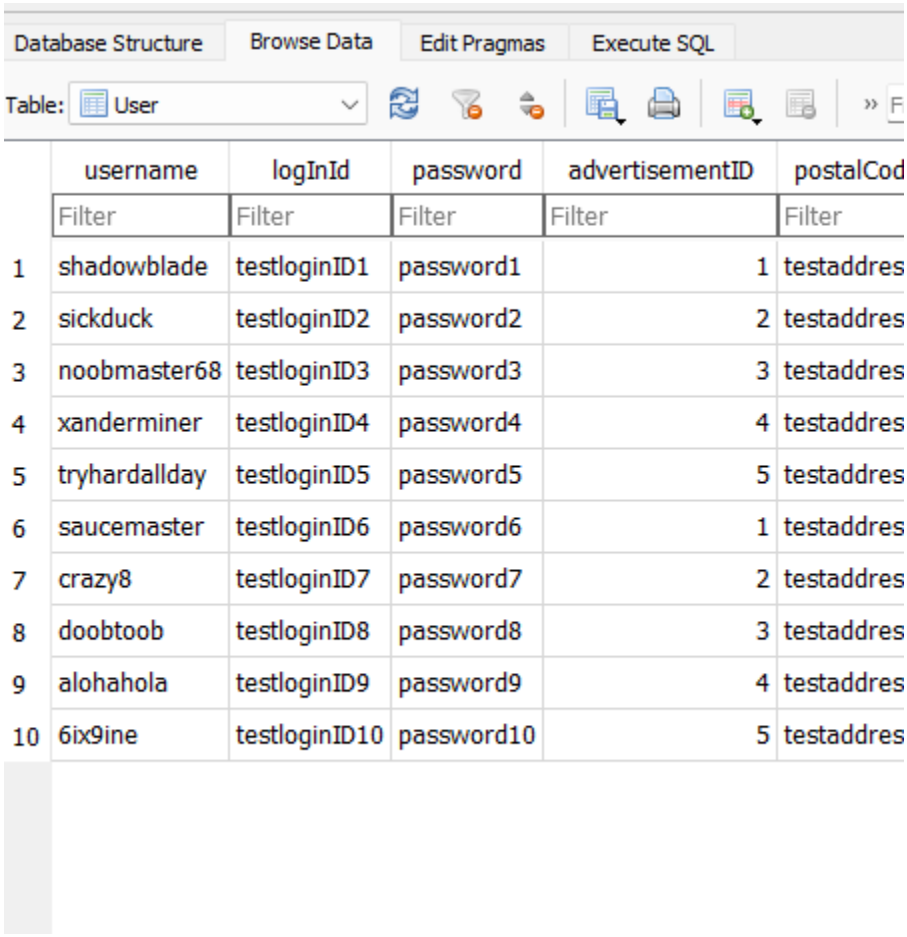
	username	logInId	password	advertisementID	postalCode	addr
	Filter	Filter	Filter	Filter	Filter	Filter
1	shadowblade	testloginID1	password1	1	112 xyz	v6g 5
2	noobmaster68	testloginID3	password3	3	testaddress3	v9g 5
3	xanderminer	testloginID4	password4	4	testaddress4	v6g 1
4	tryhardallday	testloginID5	password5	5	testaddress5	v6g 5
5	saucemaster	testloginID6	password6	1	testaddress1	xx9 2
6	crazy8	testloginID7	password7	2	testaddress2	xx9 2
7	doobtoob	testloginID8	password8	3	testaddress3	1x9 2
8	alohahola	testloginID9	password9	4	testaddress4	xx9 2
9	6ix9ine	testloginID10	password10	5	testaddress5	xxx 2
10	elefe	testloginID91	swagmoney	1	ubc	1121

DELETE Operation

GUI:



Changes before Input:



Database Structure | Browse Data | Edit Pragmas | Execute SQL

Table: User

	username	logInId	password	advertisementID	postalCod
	Filter	Filter	Filter	Filter	Filter
1	shadowblade	testloginID1	password1	1	testaddres
2	sickduck	testloginID2	password2	2	testaddres
3	noobmaster68	testloginID3	password3	3	testaddres
4	xanderminer	testloginID4	password4	4	testaddres
5	tryhardallday	testloginID5	password5	5	testaddres
6	saucemaster	testloginID6	password6	1	testaddres
7	crazy8	testloginID7	password7	2	testaddres
8	doobtoob	testloginID8	password8	3	testaddres
9	alohahola	testloginID9	password9	4	testaddres
10	6ix9ine	testloginID10	password10	5	testaddres

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`Changes in Database:`

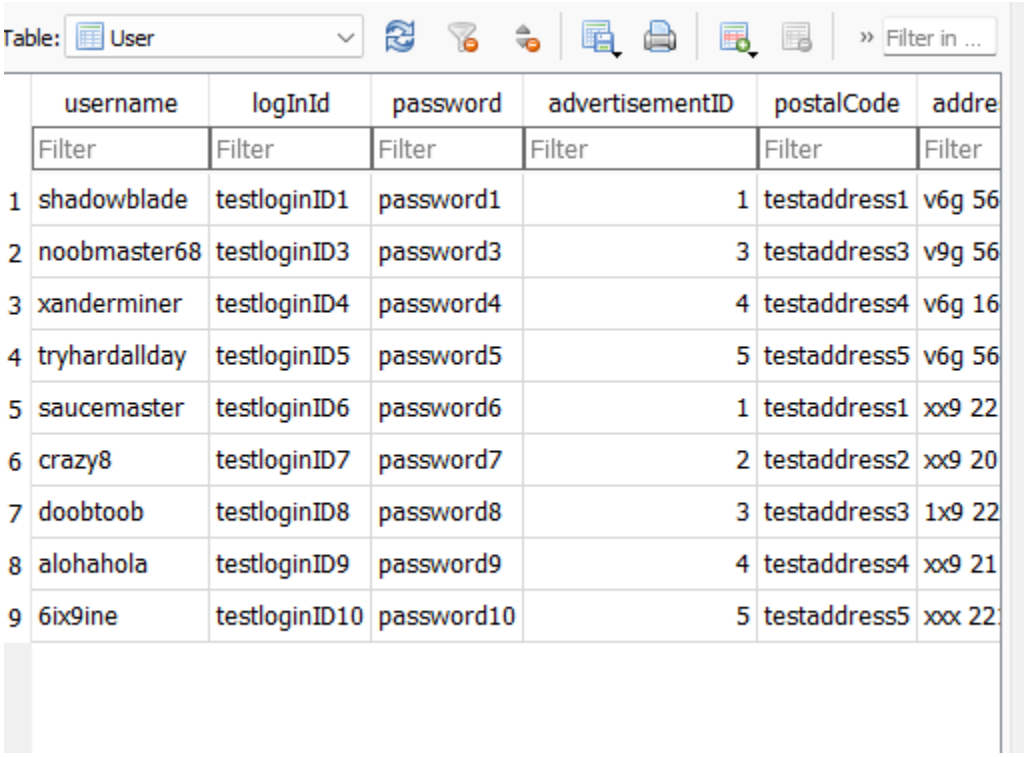


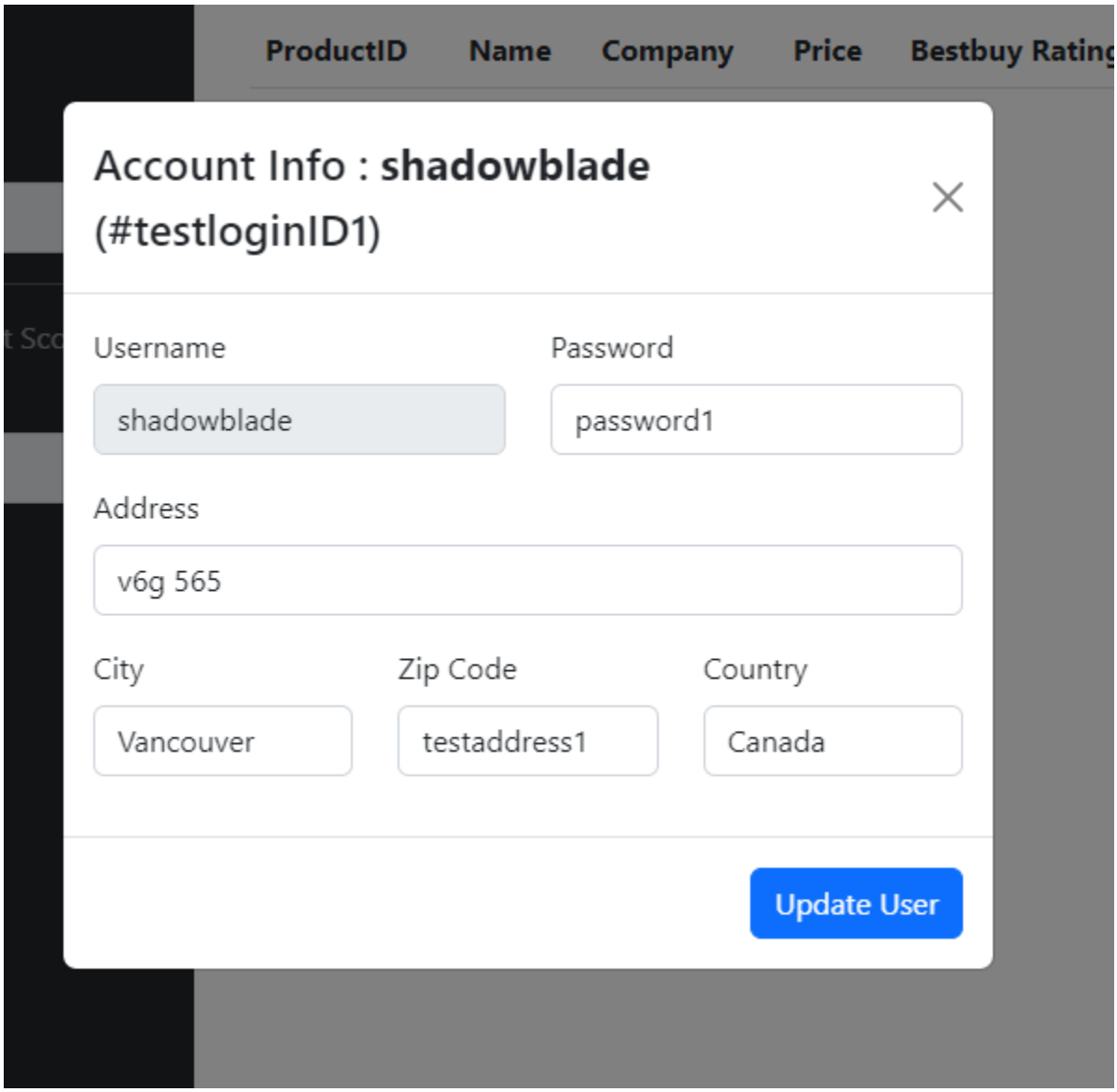
Table: User

Filter in ...

	username	logInId	password	advertisementID	postalCode	addre
	Filter	Filter	Filter	Filter	Filter	Filter
1	shadowblade	testloginID1	password1	1	testaddress1	v6g 56
2	noobmaster68	testloginID3	password3	3	testaddress3	v9g 56
3	xanderminer	testloginID4	password4	4	testaddress4	v6g 16
4	tryhardallday	testloginID5	password5	5	testaddress5	v6g 56
5	saucemaster	testloginID6	password6	1	testaddress1	xx9 22
6	crazy8	testloginID7	password7	2	testaddress2	xx9 20
7	doobtoob	testloginID8	password8	3	testaddress3	1x9 22
8	alohahola	testloginID9	password9	4	testaddress4	xx9 21
9	6ix9ine	testloginID10	password10	5	testaddress5	xxx 22

UPDATE Operation

GUI:



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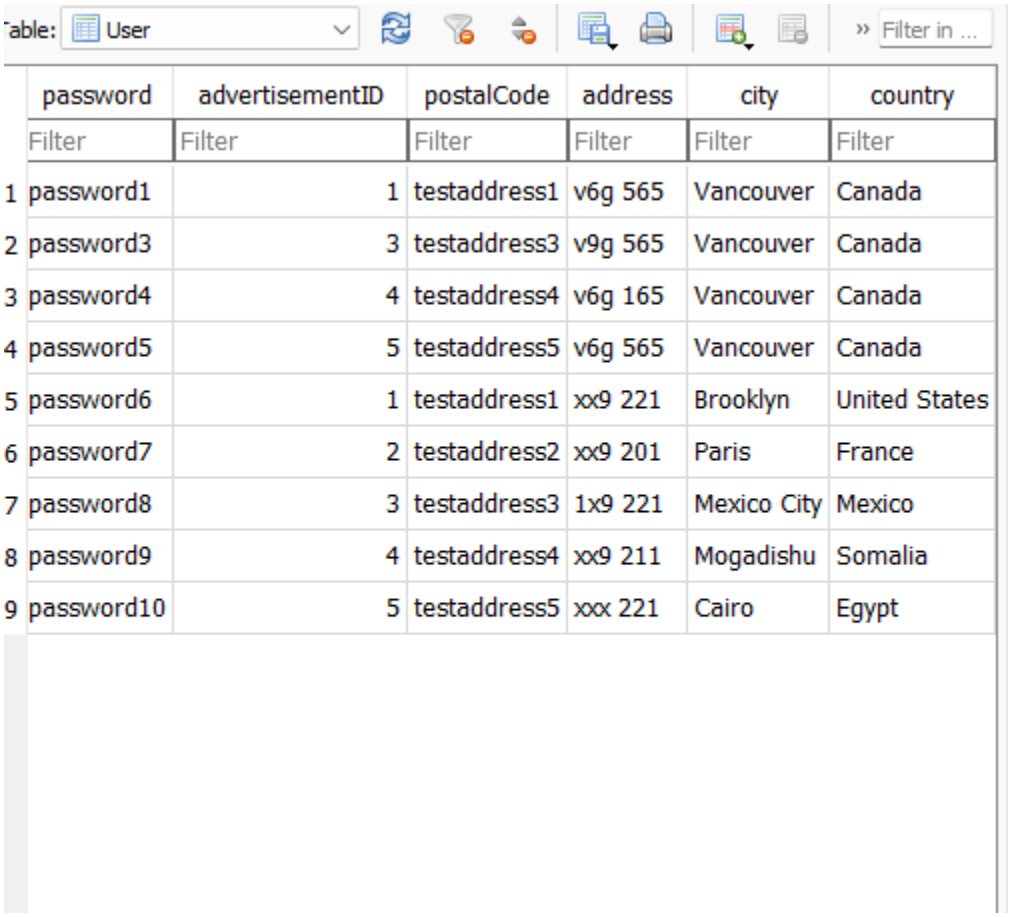
Changes before Input:



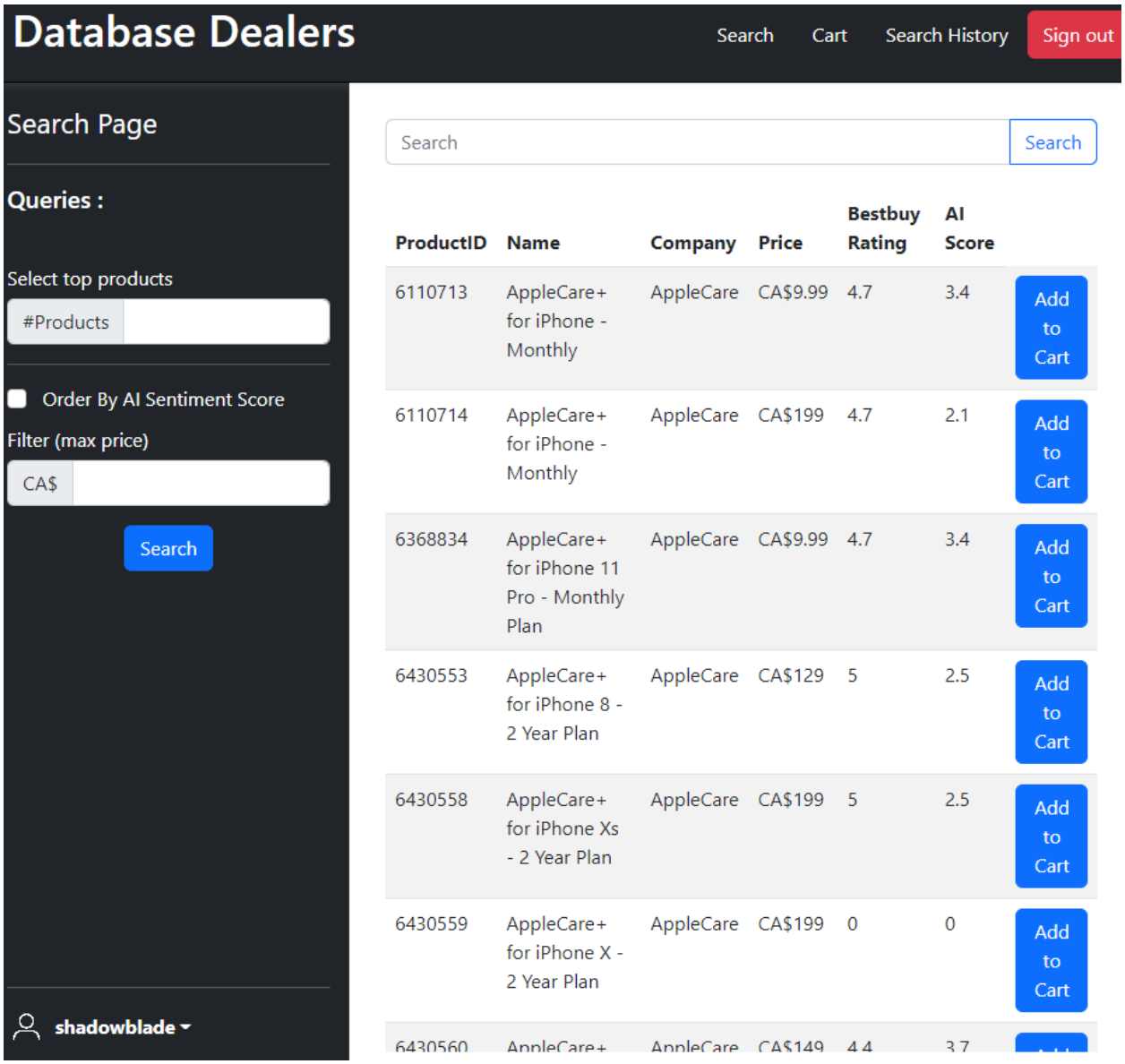
	password	advertisementID	postalCode	address	city	country
	Filter	Filter	Filter	Filter	Filter	Filter
1	password1	1	testaddress1	v6g 565	Vancouver	Canada
2	password3	3	testaddress3	v9g 565	Vancouver	Canada
3	password4	4	testaddress4	v6g 165	Vancouver	Canada
4	password5	5	testaddress5	v6g 565	Vancouver	Canada
5	password6	1	testaddress1	xx9 221	Brooklyn	United States
6	password7	2	testaddress2	xx9 201	Paris	France
7	password8	3	testaddress3	1x9 221	Mexico City	Mexico
8	password9	4	testaddress4	xx9 211	Mogadishu	Somalia
9	password10	5	testaddress5	xxx 221	Cairo	Egypt

Changes in Database:

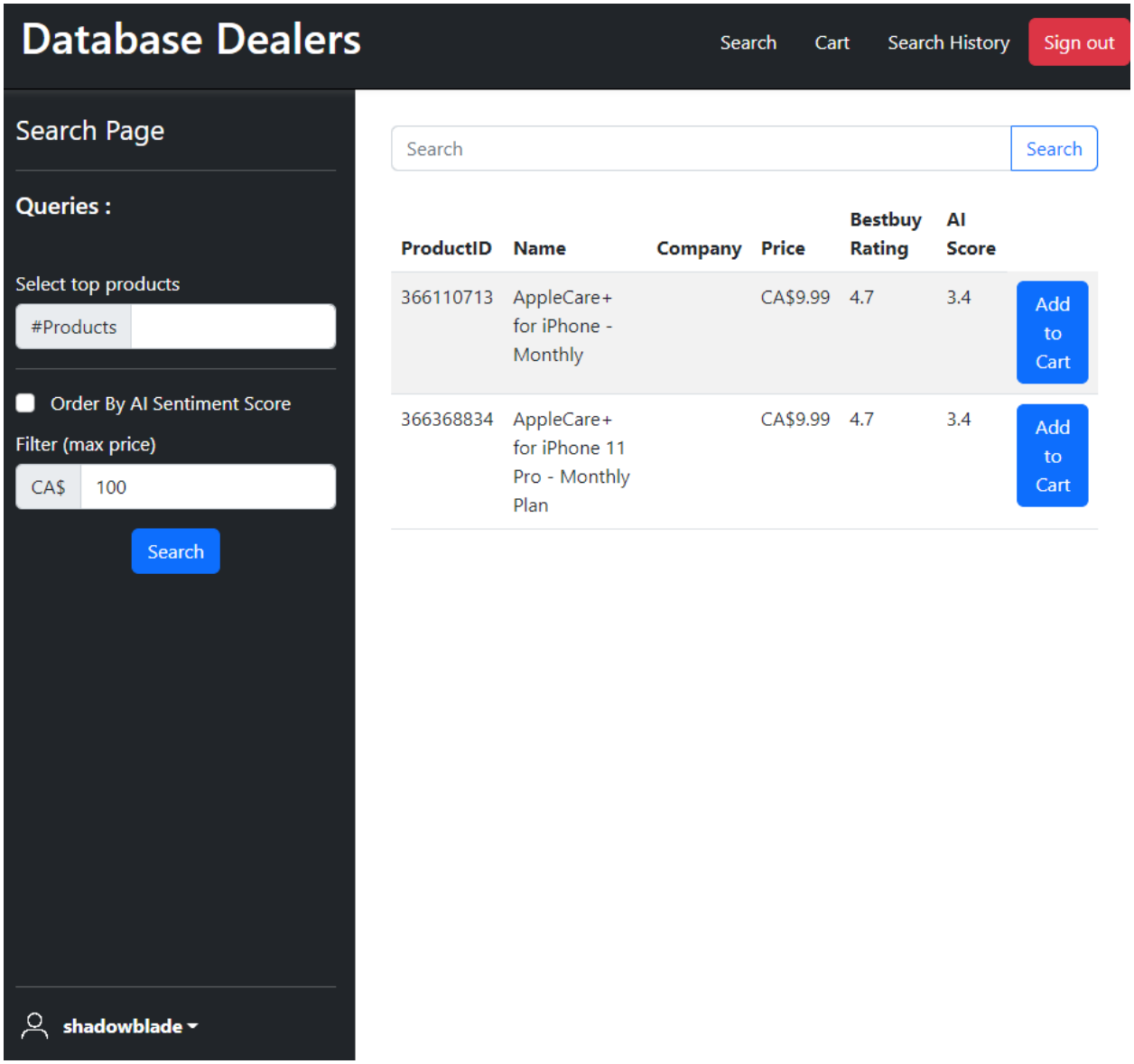
	password	advertisementID	postalCode	address	city	country
	Filter	Filter	Filter	Filter	Filter	Filter
1	password1	1	112 xyz	v6g 565	Calgary	Canada
2	password3	3	testaddress3	v9g 565	Vancouver	Canada
3	password4	4	testaddress4	v6g 165	Vancouver	Canada
4	password5	5	testaddress5	v6g 565	Vancouver	Canada
5	password6	1	testaddress1	xx9 221	Brooklyn	United States
6	password7	2	testaddress2	xx9 201	Paris	France
7	password8	3	testaddress3	1x9 221	Mexico City	Mexico
8	password9	4	testaddress4	xx9 211	Mogadishu	Somalia
9	password10	5	testaddress5	xxx 221	Cairo	Egypt

Selection Operation

Changes before Input (when user inputs a max price)



Changes after Input:



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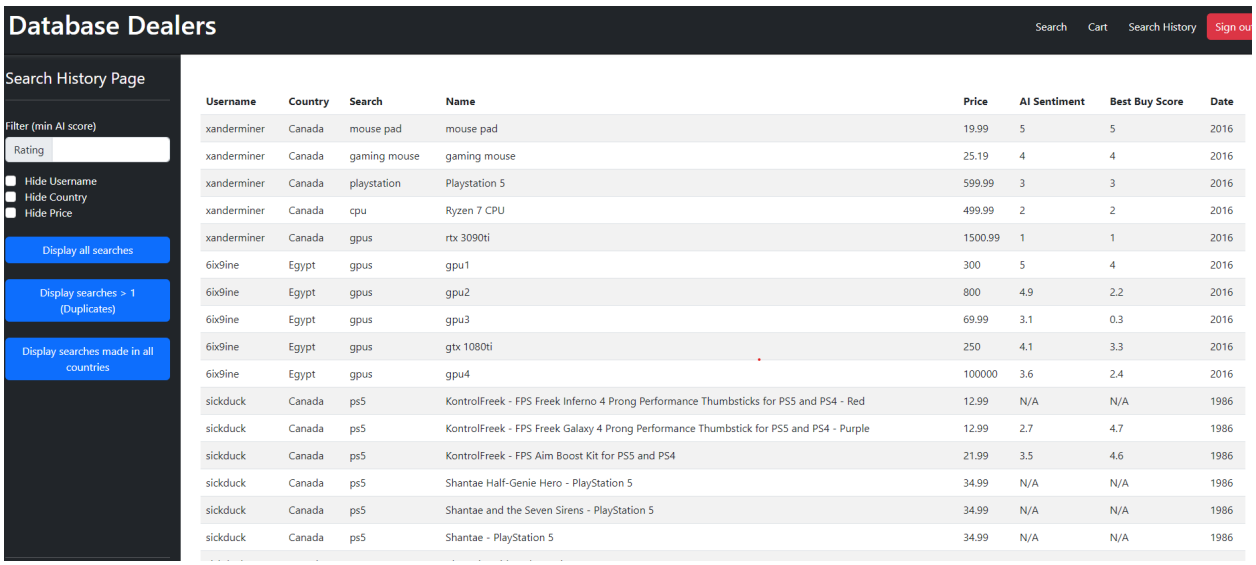
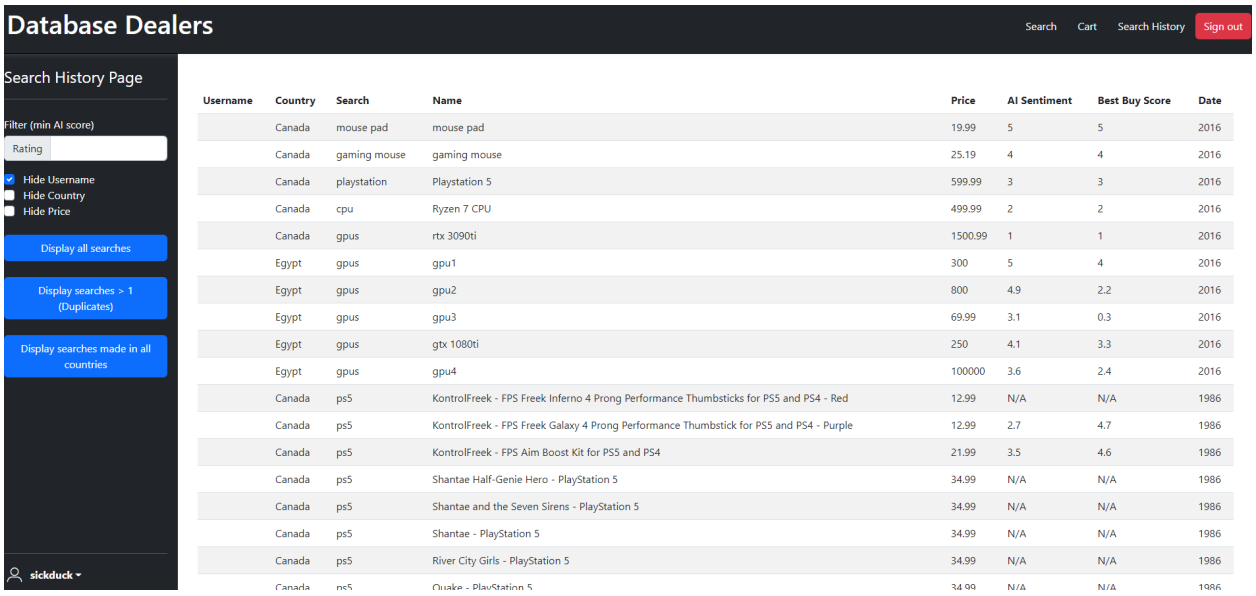
PROJECTION Operation

Changes before Input:



Username	Country	Search	Name	Price	AI Sentiment	Best Buy Score	Date
xanderminer	Canada	mouse pad	mouse pad	19.99	5	5	2016
xanderminer	Canada	gaming mouse	gaming mouse	25.19	4	4	2016
xanderminer	Canada	playstation	Playstation 5	599.99	3	3	2016
xanderminer	Canada	cpu	Ryzen 7 CPU	499.99	2	2	2016
xanderminer	Canada	gpus	rtx 3090ti	1500.99	1	1	2016
6ix9ine	Egypt	gpus	gpu1	300	5	4	2016
6ix9ine	Egypt	gpus	gpu2	800	4.9	2.2	2016
6ix9ine	Egypt	gpus	gpu3	69.99	3.1	0.3	2016
6ix9ine	Egypt	gpus	gtx 1080ti	250	4.1	3.3	2016
6ix9ine	Egypt	gpus	gpu4	100000	3.6	2.4	2016
sickduck	Canada	ps5	KontrolFreek - FPS Freek Inferno 4 Prong Performance Thumbsticks for PS5 and PS4 - Red	12.99	N/A	N/A	1986
sickduck	Canada	ps5	KontrolFreek - FPS Freek Galaxy 4 Prong Performance Thumbstick for PS5 and PS4 - Purple	12.99	2.7	4.7	1986
sickduck	Canada	ps5	KontrolFreek - FPS Aim Boost Kit for PS5 and PS4	21.99	3.5	4.6	1986
sickduck	Canada	ps5	Shantae Half-Genie Hero - PlayStation 5	34.99	N/A	N/A	1986
sickduck	Canada	ps5	Shantae and the Seven Sirens - PlayStation 5	34.99	N/A	N/A	1986
sickduck	Canada	ps5	Shantae - PlayStation 5	34.99	N/A	N/A	1986

Changes after Input:



Username	Country	Search	Name	Price	AI Sentiment	Best Buy Score	Date
	Canada	mouse pad	mouse pad	19.99	5	5	2016
	Canada	gaming mouse	gaming mouse	25.19	4	4	2016
	Canada	playstation	Playstation 5	599.99	3	3	2016
	Canada	cpu	Ryzen 7 CPU	499.99	2	2	2016
	Canada	gpus	rtx 3090ti	1500.99	1	1	2016
	Egypt	gpus	gpu1	300	5	4	2016
	Egypt	gpus	gpu2	800	4.9	2.2	2016
	Egypt	gpus	gpu3	69.99	3.1	0.3	2016
	Egypt	gpus	gtx 1080ti	250	4.1	3.3	2016
	Egypt	gpus	gpu4	100000	3.6	2.4	2016
	Canada	ps5	KontrolFreek - FPS Freek Inferno 4 Prong Performance Thumbsticks for PS5 and PS4 - Red	12.99	N/A	N/A	1986
	Canada	ps5	KontrolFreek - FPS Freek Galaxy 4 Prong Performance Thumbstick for PS5 and PS4 - Purple	12.99	2.7	4.7	1986
	Canada	ps5	KontrolFreek - FPS Aim Boost Kit for PS5 and PS4	21.99	3.5	4.6	1986
	Canada	ps5	Shantae Half-Genie Hero - PlayStation 5	34.99	N/A	N/A	1986
	Canada	ps5	Shantae and the Seven Sirens - PlayStation 5	34.99	N/A	N/A	1986
	Canada	ps5	Shantae - PlayStation 5	34.99	N/A	N/A	1986
	Canada	ps5	River City Girls - PlayStation 5	34.99	N/A	N/A	1986
	Canada	ps5	Quake - PlayStation 5	34.99	N/A	N/A	1986

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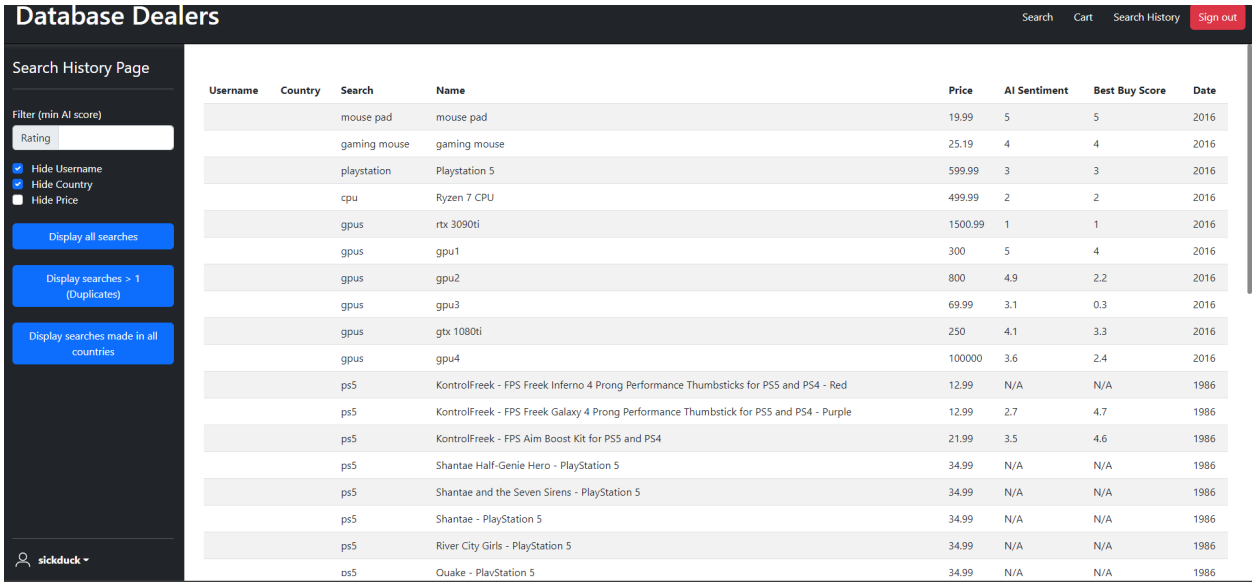

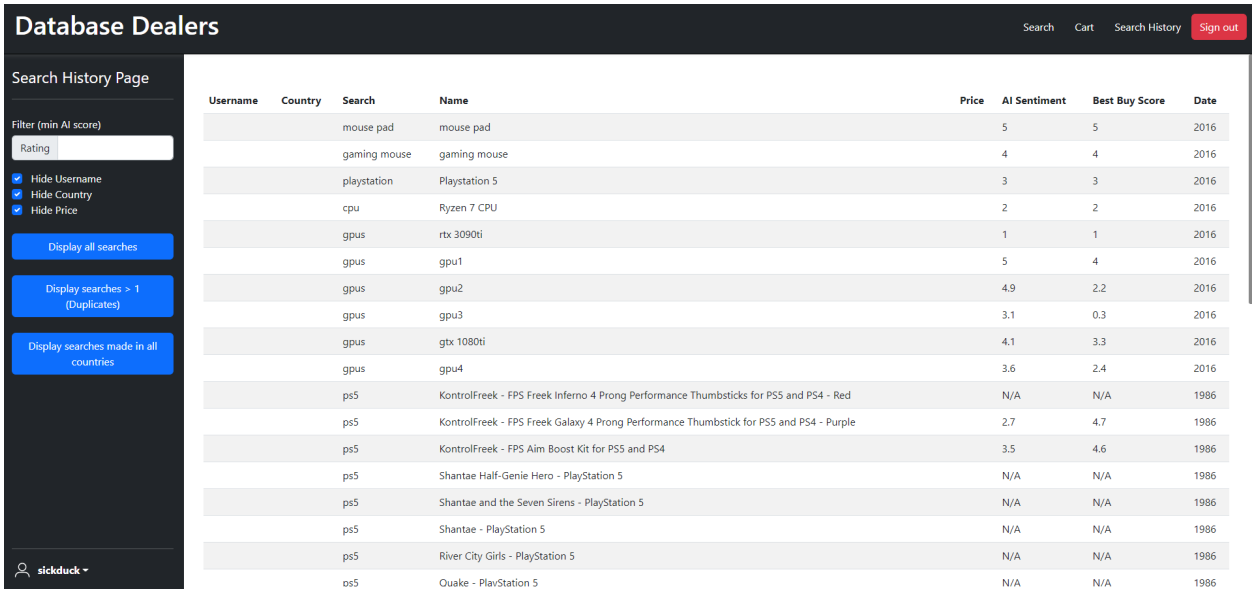

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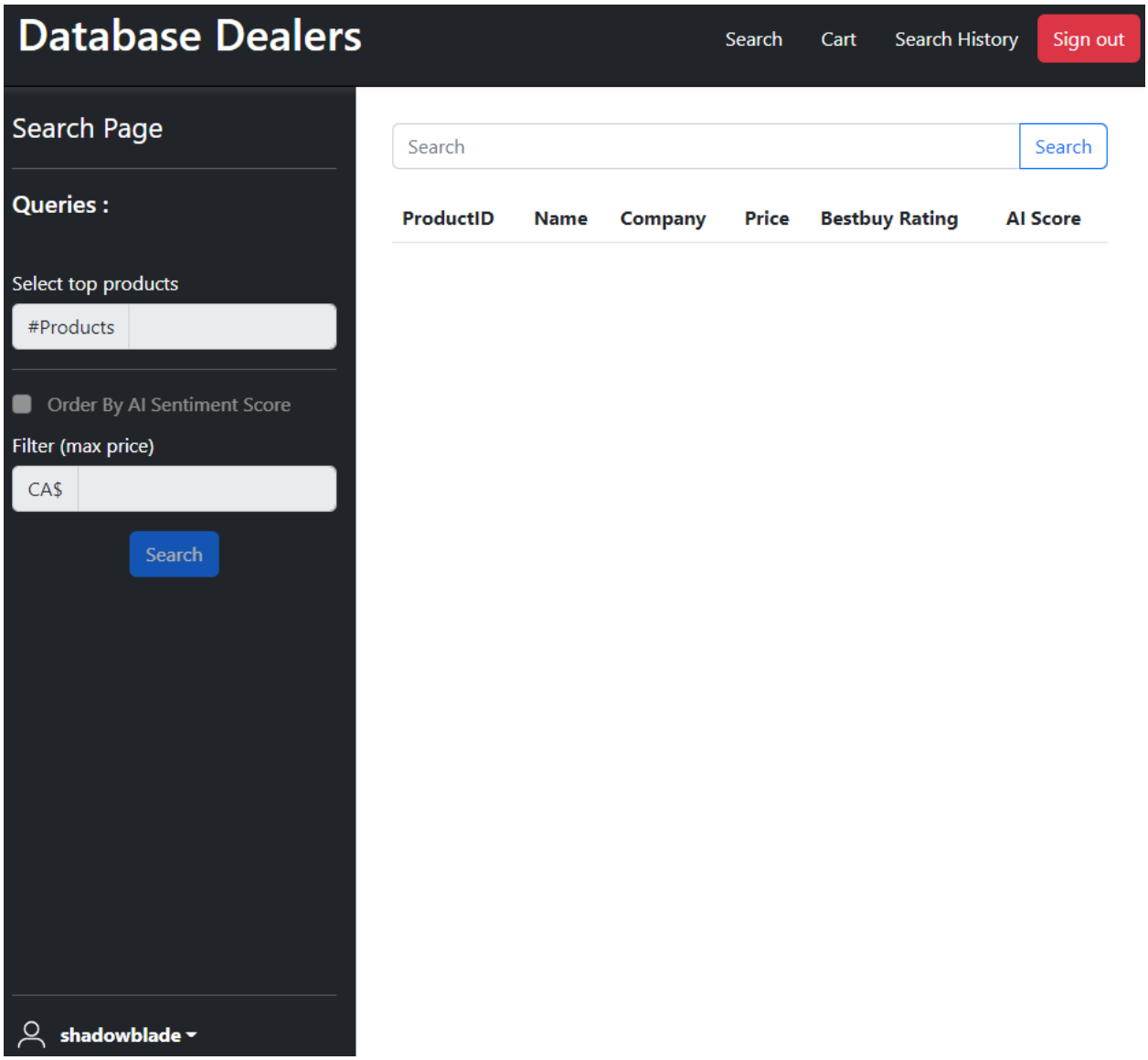
JOIN Operation

Changes before Input:



Changes after Input

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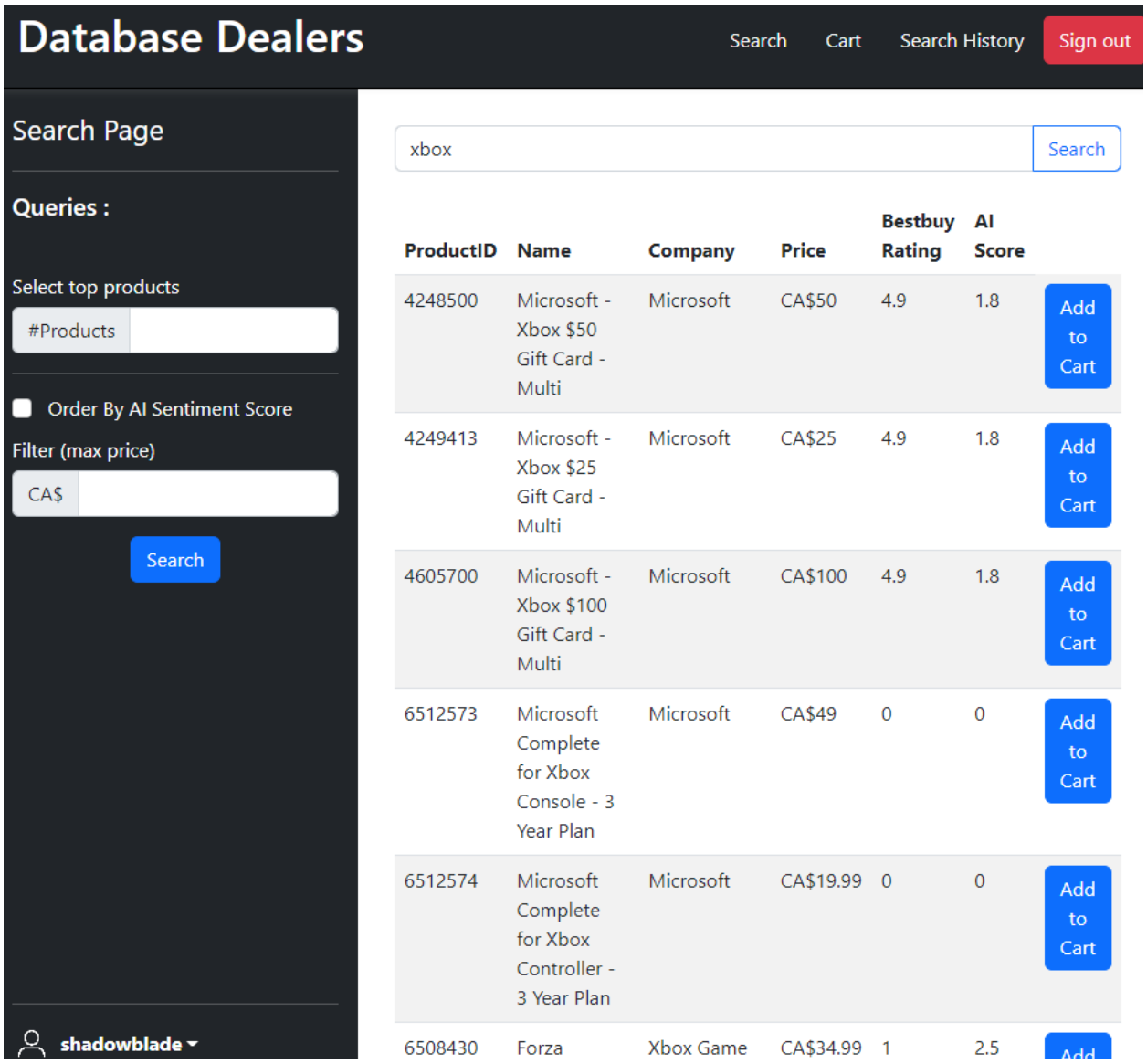

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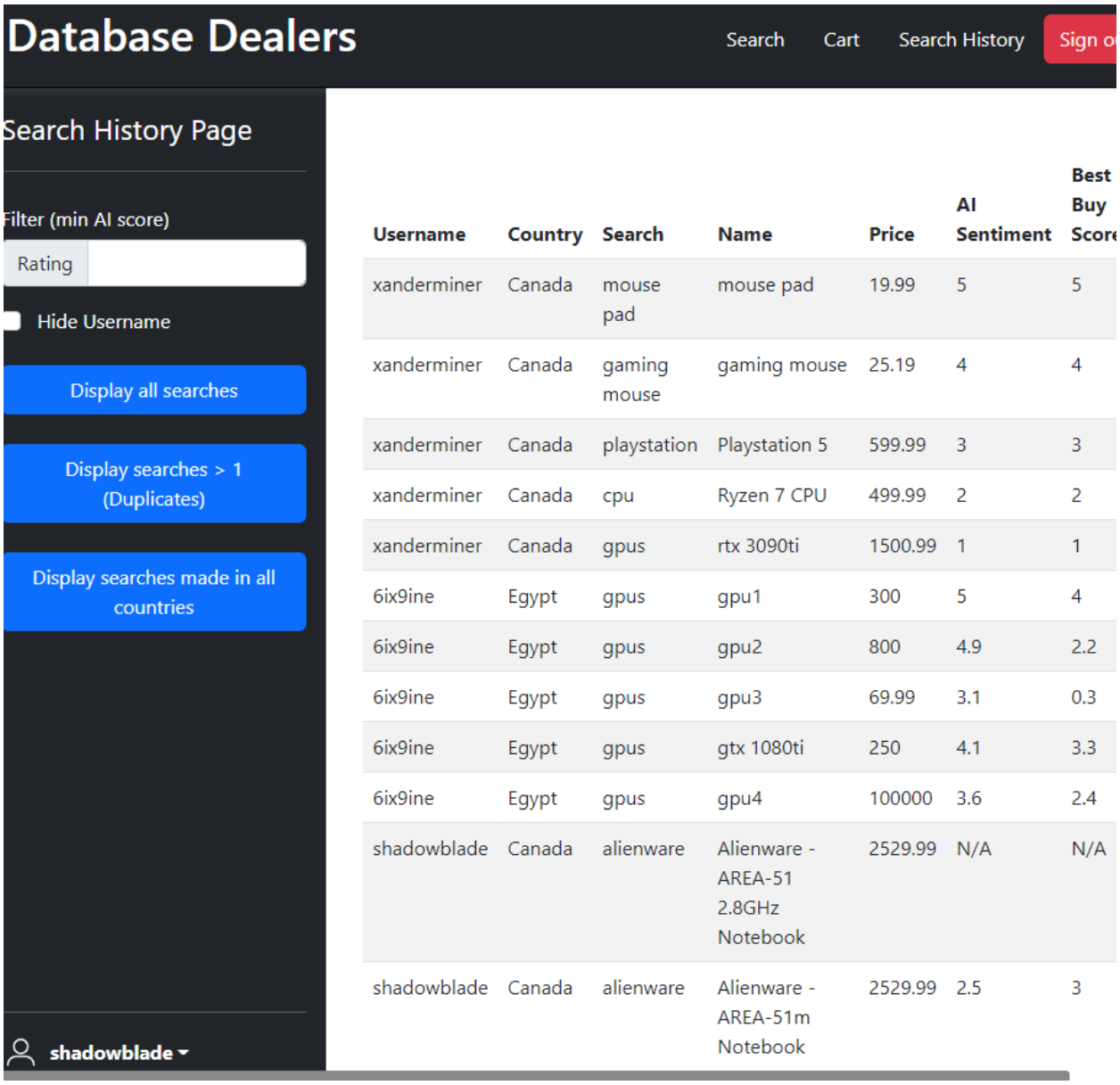
AGGREGATION BY GROUP BY Operation

Changes before input:



Username	Country	Search	Name	Price	AI Sentiment	Best Buy Score
xanderminer	Canada	mouse pad	mouse pad	19.99	5	5
xanderminer	Canada	gaming mouse	gaming mouse	25.19	4	4
xanderminer	Canada	playstation	Playstation 5	599.99	3	3
xanderminer	Canada	cpu	Ryzen 7 CPU	499.99	2	2
xanderminer	Canada	gpus	rtx 3090ti	1500.99	1	1
6ix9ine	Egypt	gpus	gpu1	300	5	4
6ix9ine	Egypt	gpus	gpu2	800	4.9	2.2
6ix9ine	Egypt	gpus	gpu3	69.99	3.1	0.3
6ix9ine	Egypt	gpus	gtx 1080ti	250	4.1	3.3
6ix9ine	Egypt	gpus	gpu4	100000	3.6	2.4
shadowblade	Canada	alienware	Alienware - AREA-51 2.8GHz Notebook	2529.99	N/A	N/A
shadowblade	Canada	alienware	Alienware - AREA-51m Notebook	2529.99	2.5	3

Changes after input (pressing display all searches button):

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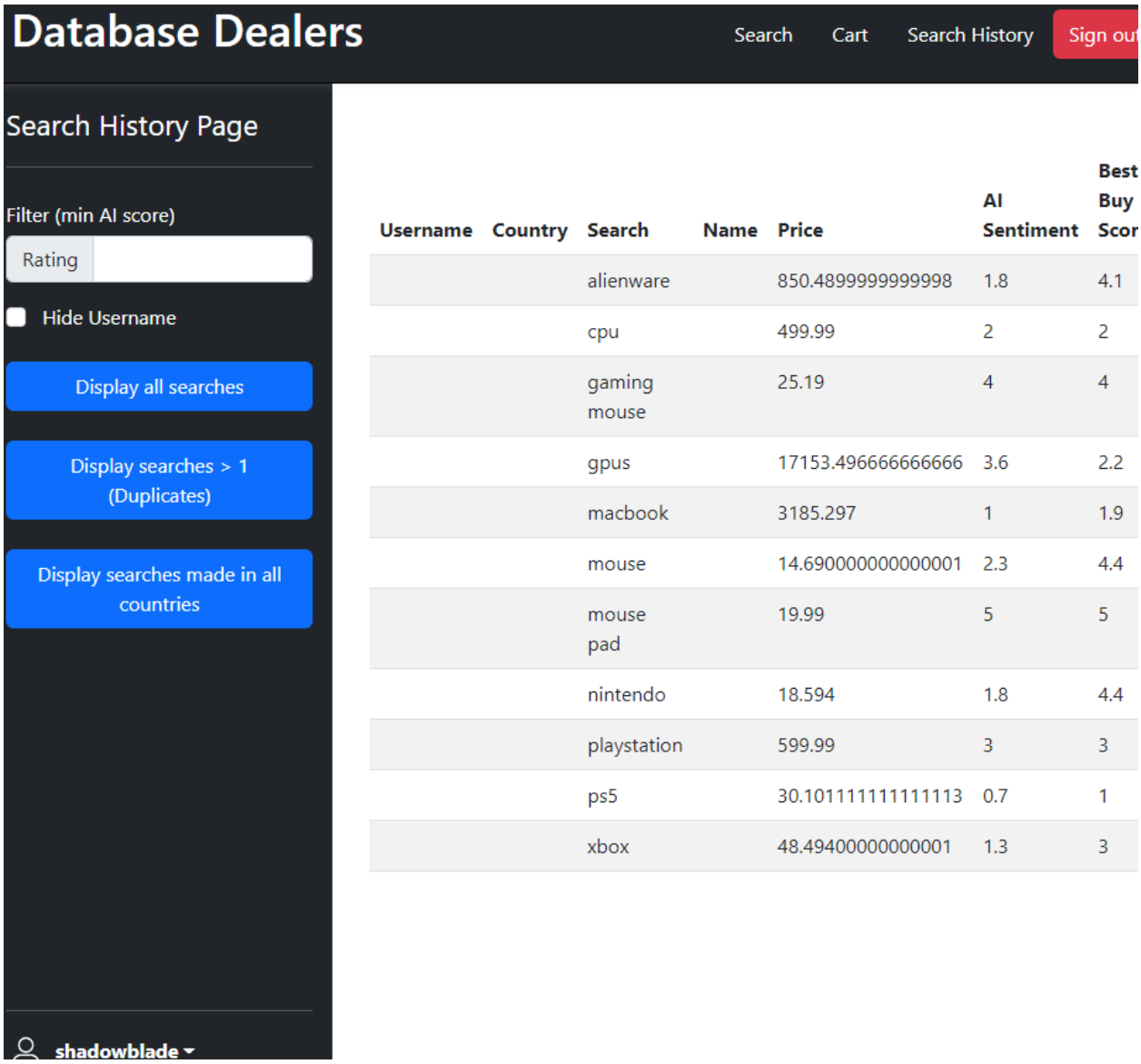

Username	Country	Search	Name	Price	AI Sentiment	Best Buy Score
		alienware		850.4899999999998	1.8	4.1
		cpu		499.99	2	2
		gaming mouse		25.19	4	4
		gpus		17153.496666666666	3.6	2.2
		macbook		3185.297	1	1.9
		mouse		14.690000000000001	2.3	4.4
		mouse pad		19.99	5	5
		nintendo		18.594	1.8	4.4
		playstation		599.99	3	3
		ps5		30.101111111111113	0.7	1
		xbox		48.49400000000001	1.3	3

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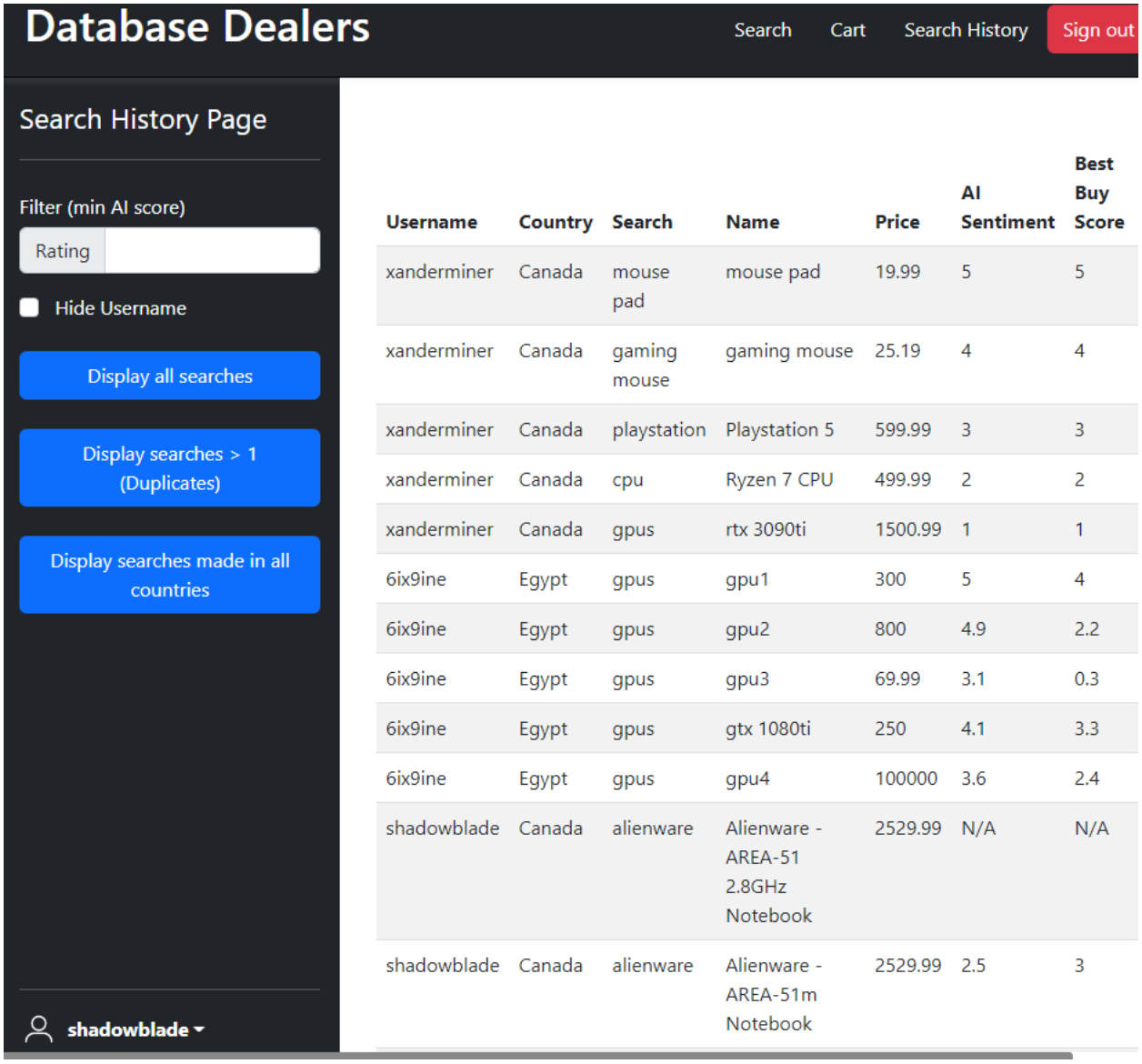
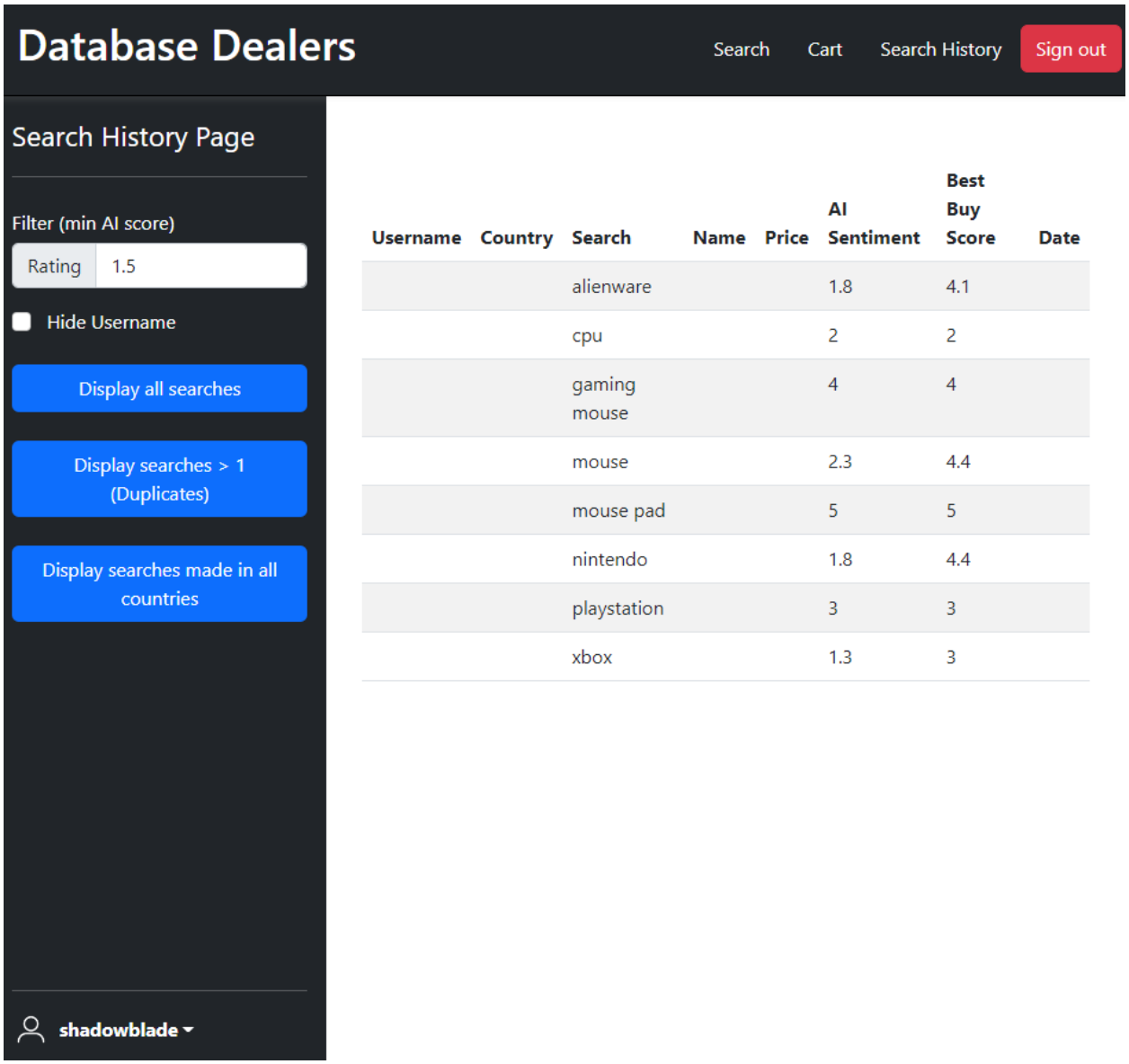
AGGREGATION WITH HAVING Operation

Changes before input



Username	Country	Search	Name	Price	AI Sentiment	Best Buy Score
xanderminer	Canada	mouse pad	mouse pad	19.99	5	5
xanderminer	Canada	gaming mouse	gaming mouse	25.19	4	4
xanderminer	Canada	playstation	Playstation 5	599.99	3	3
xanderminer	Canada	cpu	Ryzen 7 CPU	499.99	2	2
xanderminer	Canada	gpus	rtx 3090ti	1500.99	1	1
6ix9ine	Egypt	gpus	gpu1	300	5	4
6ix9ine	Egypt	gpus	gpu2	800	4.9	2.2
6ix9ine	Egypt	gpus	gpu3	69.99	3.1	0.3
6ix9ine	Egypt	gpus	gtx 1080ti	250	4.1	3.3
6ix9ine	Egypt	gpus	gpu4	100000	3.6	2.4
shadowblade	Canada	alienware	Alienware - AREA-51 2.8GHz Notebook	2529.99	N/A	N/A
shadowblade	Canada	alienware	Alienware - AREA-51m Notebook	2529.99	2.5	3

Changes after input (after inputting min A.I. score 1.5):



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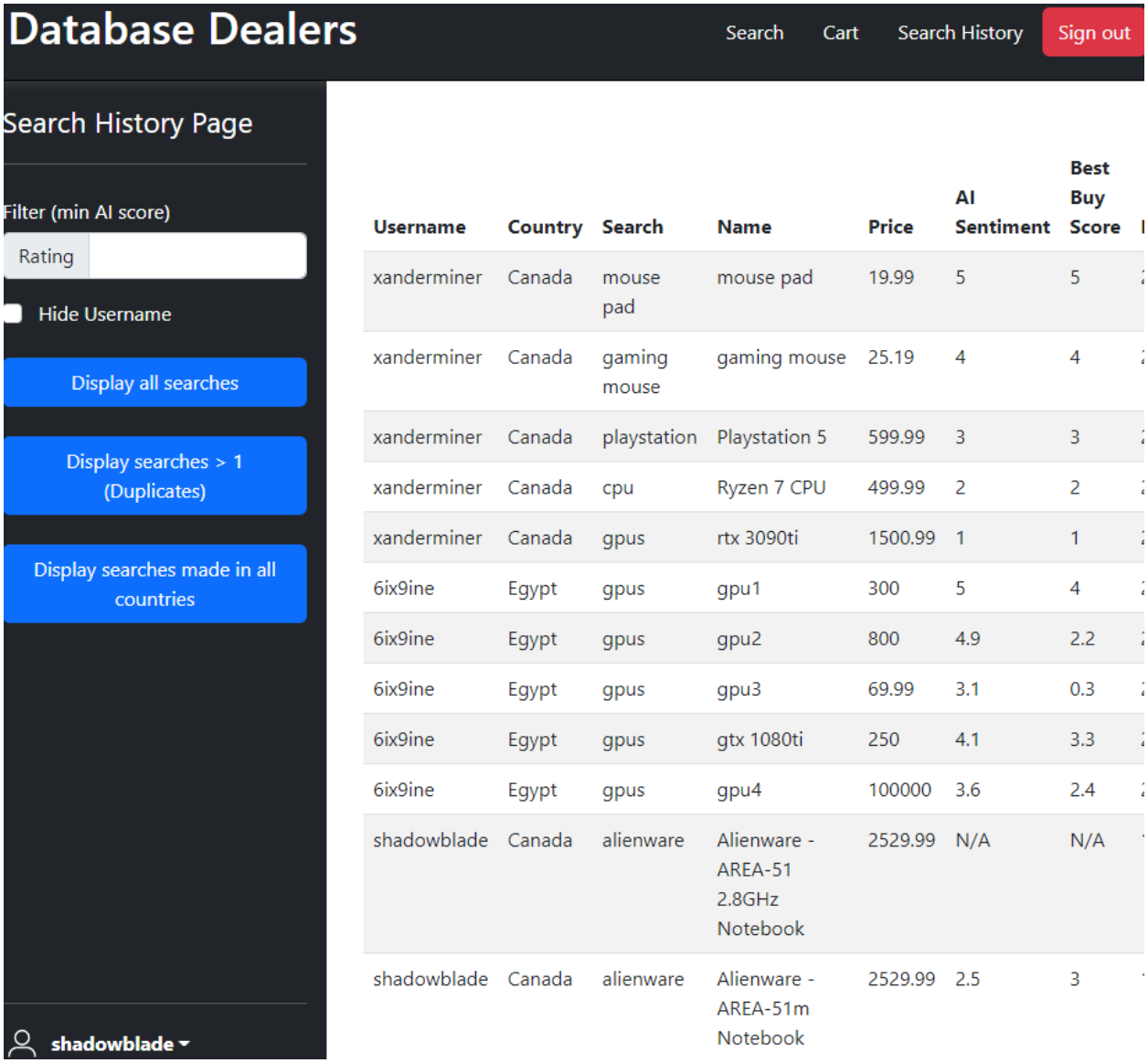
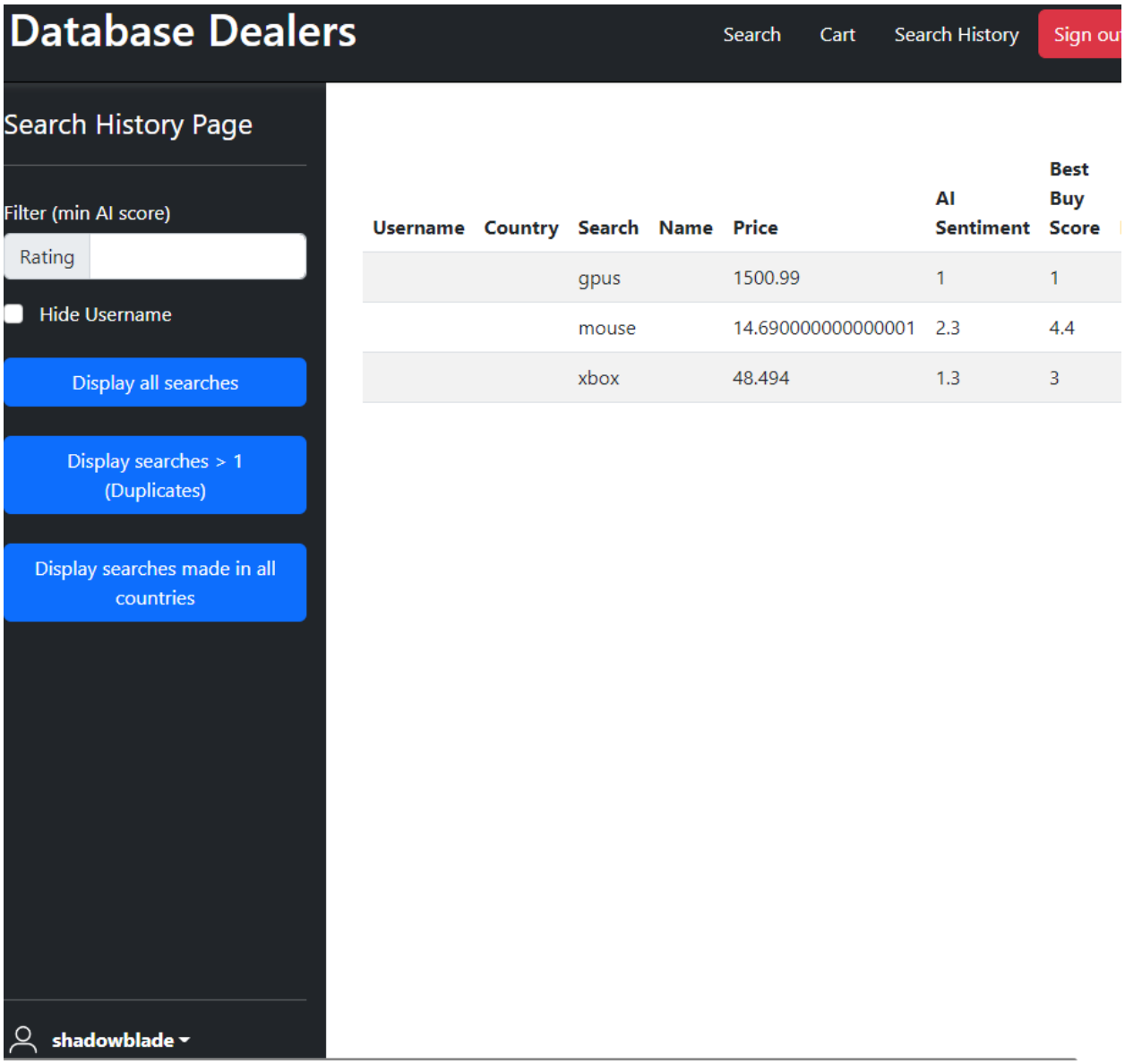
NESTED AGGREGATION WITH GROUP BY Operation

Changes before input (after pressing display searches >1):



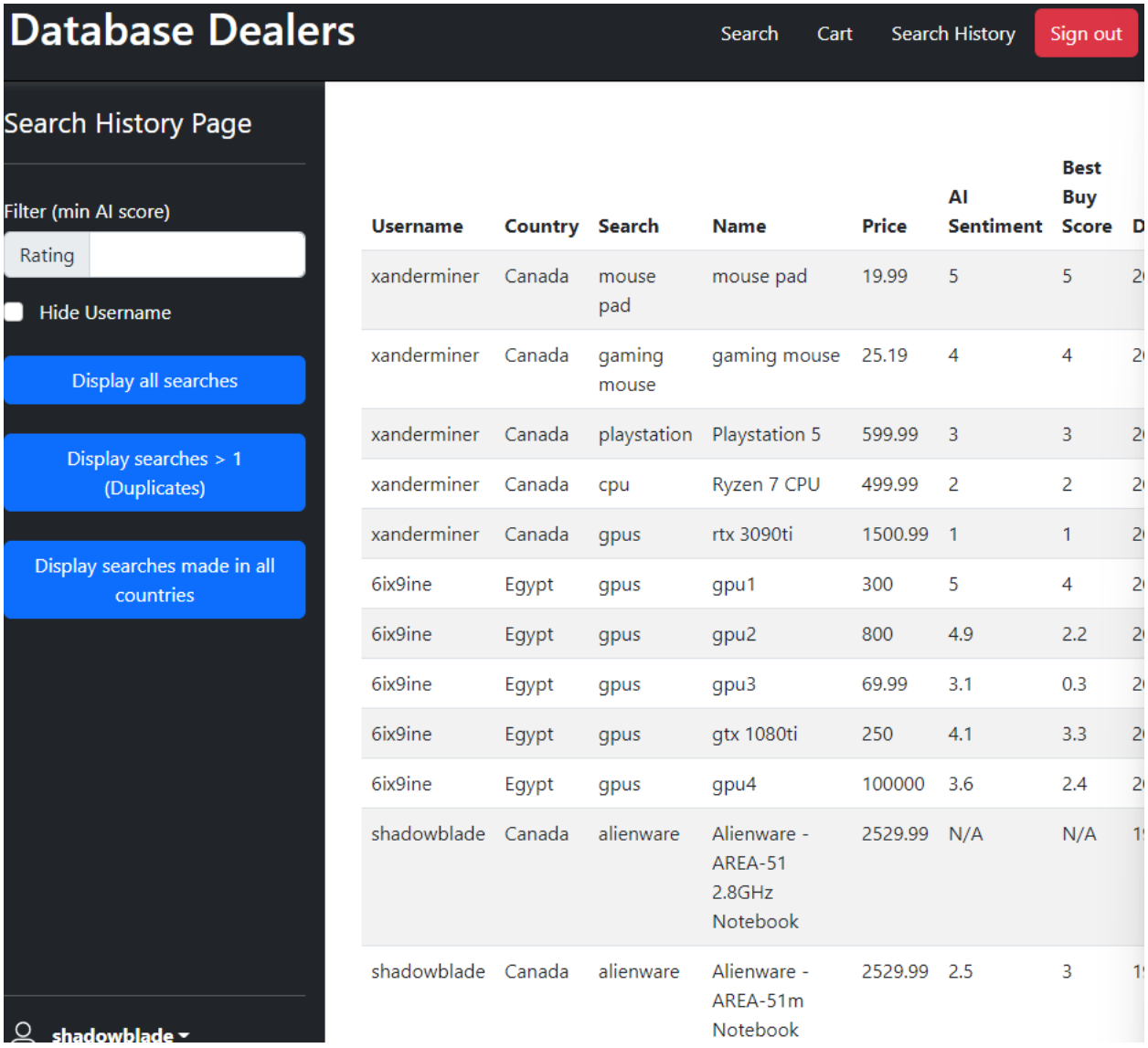
Username	Country	Search	Name	Price	AI Sentiment	Best Buy Score
xanderminer	Canada	mouse pad	mouse pad	19.99	5	5
xanderminer	Canada	gaming mouse	gaming mouse	25.19	4	4
xanderminer	Canada	playstation	Playstation 5	599.99	3	3
xanderminer	Canada	cpu	Ryzen 7 CPU	499.99	2	2
xanderminer	Canada	gpus	rtx 3090ti	1500.99	1	1
6ix9ine	Egypt	gpus	gpu1	300	5	4
6ix9ine	Egypt	gpus	gpu2	800	4.9	2.2
6ix9ine	Egypt	gpus	gpu3	69.99	3.1	0.3
6ix9ine	Egypt	gpus	gtx 1080ti	250	4.1	3.3
6ix9ine	Egypt	gpus	gpu4	100000	3.6	2.4
shadowblade	Canada	alienware	Alienware - AREA-51 2.8GHz Notebook	2529.99	N/A	N/A
shadowblade	Canada	alienware	Alienware - AREA-51m Notebook	2529.99	2.5	3

Changes after input:



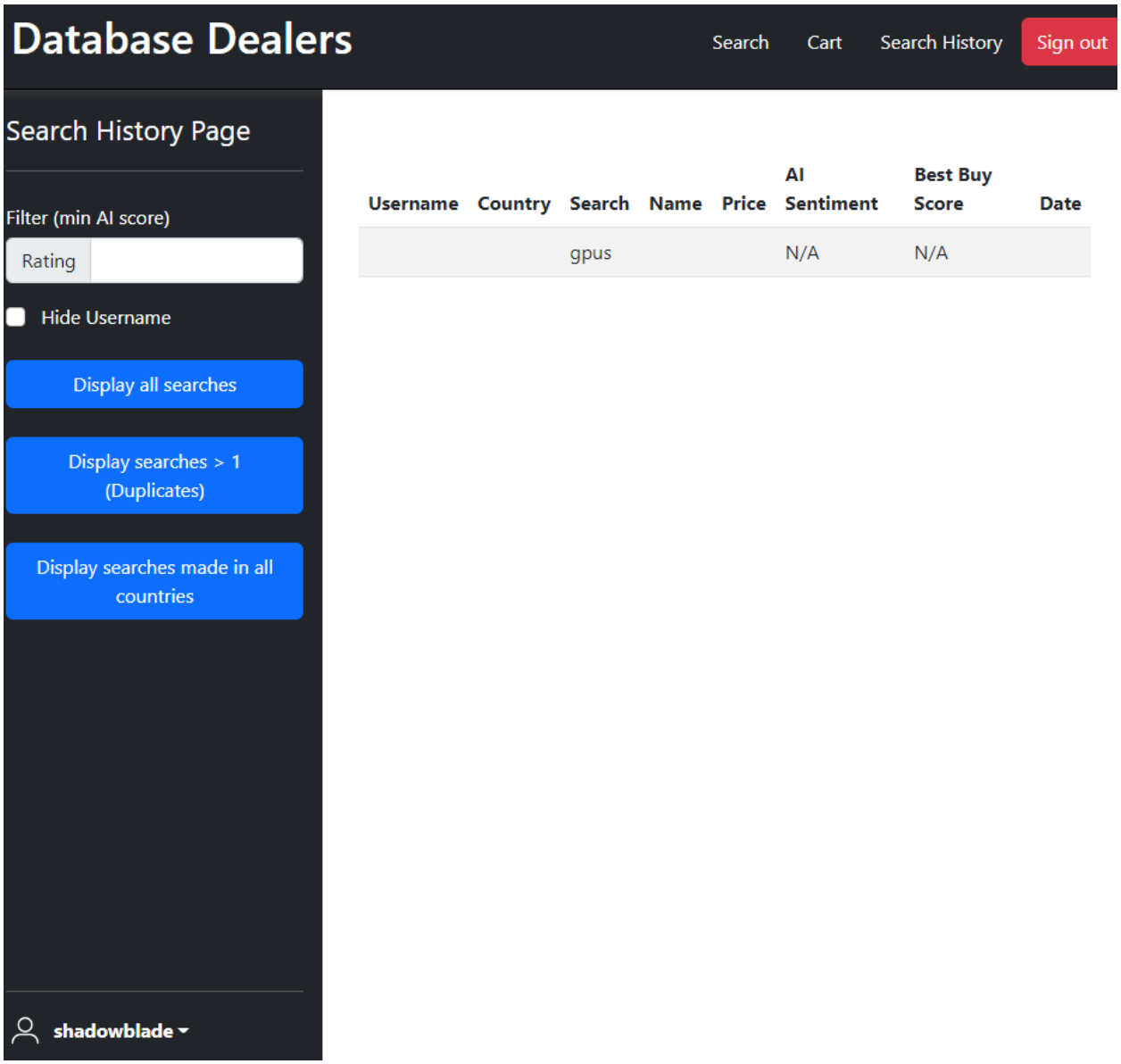
DIVISION Operation

`Before Input`



Username	Country	Search	Name	Price	AI Sentiment	Best Buy Score	D
xanderminer	Canada	mouse pad	mouse pad	19.99	5	5	2
xanderminer	Canada	gaming mouse	gaming mouse	25.19	4	4	2
xanderminer	Canada	playstation	Playstation 5	599.99	3	3	2
xanderminer	Canada	cpu	Ryzen 7 CPU	499.99	2	2	2
xanderminer	Canada	gpus	rtx 3090ti	1500.99	1	1	2
6ix9ine	Egypt	gpus	gpu1	300	5	4	2
6ix9ine	Egypt	gpus	gpu2	800	4.9	2.2	2
6ix9ine	Egypt	gpus	gpu3	69.99	3.1	0.3	2
6ix9ine	Egypt	gpus	gtx 1080ti	250	4.1	3.3	2
6ix9ine	Egypt	gpus	gpu4	100000	3.6	2.4	2
shadowblade	Canada	alienware	Alienware - AREA-51 2.8GHz Notebook	2529.99	N/A	N/A	1
shadowblade	Canada	alienware	Alienware - AREA-51m Notebook	2529.99	2.5	3	1

`After user Input (pressing display searches made in all countries button):`


Database Dealers
Search
Cart
Search History
Sign out
Search History Page
Filter (min AI score)
Rating
Hide Username
Display all searches
Display searches > 1 (Duplicates)
Display searches made in all countries
shadowblade
Username
Country
Search
Name
Price
AI Sentiment
Best Buy Score
Date
gpus
N/A
N/A