Midterm Exam Solution

Home Screen

ebay

Create Search Pattern   Delete Search   Edit Search

Search!

Use Case 1: Create Search Pattern

- Actor 1 (user) clicks the create search pattern button
- Actor 2 (app) displays a screen that prompts Actor 1 to add search parameters
- Actor 1 enters desired parameters for the search
- Actor 1 clicks the save search button
- Actor 2 stores the search pattern to a database
- Actor 3 (Website) goes back to home page with updated save search patterns

Use Case 1: Create Search Pattern

ebay

Create Search Pattern   Delete Search   Edit Search

Search!

Button is pressed

Use Case 1: Create Search Pattern

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Create Search Pattern Delete Search   Edit Search

Create Search Pattern

Keywords:

Condition:

Price Range:

Save search pattern

App shows screen to add parameters

Use Case 1: Create Search Pattern

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Create Search Pattern   Delete Search   Edit Search

Create Search Pattern

Keywords: Nike's

Condition: Like-New

Price Range: $40.00-80.00

Save search pattern

User enters parameters

Use Case 1: Create Search Pattern

ebay

Create Search Pattern   Delete Search   Edit Search

Create Search Pattern

Keywords: Nike's

Condition: Like-New

Price Range: $40.00-80.00

Save search pattern

User clicks save search button

Use Case 1: Create Search Pattern

ebay

Create Search Pattern   Delete Search   Edit Search

Search: Condition: Price Range   Date Added
Nike's   Like New $40.00-80.00   3/14/21

Website goes back to home page with updated Search Pattern List

Search!

Use Case 1: Alternate Course 1 (No Search Parameters)

- Actor 1 (user) clicks the create search pattern button
- Actor 2 (app) displays a screen that prompts Actor 1 to add search parameters
- Actor 1 DOES NOT enter the parameters for the search
- Actor 2 displays an error message for the user

Use Case 1: Alternate Course 2 (Only Keyword Supplied)

- Actor 1 (user) clicks the create search pattern button
- Actor 2 (app) displays a screen that prompts Actor 1 to add search parameters
- Actor 1 only enters a keyword
- Actor 2 continues as normal, but defaults condition and price range to any

Use Case 1: Alternate Case 1

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Create Search Pattern   Delete Search   Edit Search

Create Search Pattern

Keywords: [   ]   Please supply a keyword.

Condition: [   ]

Price Range: [   ]

Save search pattern

User does not enters parameters, clicks button and message is displayed

Use Case 1: Alternate Case 2

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Create Search Pattern Delete Search   Edit Search

Create Search Pattern

Keywords: Books

Condition:

Price Range:

Save search pattern

User does not enter condition or price range

Use Case 1: Create Search Pattern | Alternate Case 2

ebay

Create Search Pattern Delete Search   Edit Search

Search: Condition: Price Range   Date Added
Books   Any   Any   3/14/21

Search: Condition: Price Range   Date Added
Nike's   Like New $40.00-80.00   3/14/21

Search!

Website goes back to home page with updated Search Pattern List

Use Case 2: Delete Search Pattern

- Actor 1 (user) clicks the delete search pattern button
- Actor 2 (app) displays an icon next to each Saved Search
- Actor 1 clicks the icon for the search pattern that they would like to delete
- Actor 2 prompts them with a confirmation Message
- Actor 1 clicks yes
- Actor 3 takes user back to main page with updated saved search patterns list

Use Case 2: Delete Search Pattern

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Create Search Pattern   Delete Search   Edit Search

Search: Condition: Price Range   Date Added
Books   Any   Any   3/14/21

Search: Condition: Price Range   Date Added
Nike's   Like New $40.00-80.00   3/14/21

Delete Search Button is presssed

Search!

Use Case 2: Delete Search Pattern

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Create Search Pattern Delete Search   Edit Search

Search:	Condition:	Price Range	Date Added	
Books	Any	Any	3/14/21	🗑

Search:	Condition:	Price Range	Date Added	
Nike's	Like New	$40.00-80.00	3/14/21	🗑

Icons are displayed

Search!

Use Case 2: Delete Search Pattern

Create Search Pattern   Delete Search   Edit Search

| Search: Books | Condition: Any | Price Range Any | Date Added 3/14/21 | 🗑 ← |

| Search: Nike's | Condition: Like New | Price Range $40.00-80.00 | Date Added 3/14/21 | 🗑 |

User selects an icon

Search!

Use Case 2: Delete Search Pattern

Confirmation message is displayed

Use Case 2: Delete Search Pattern

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Create S

Are you sure you would like to delete this search?

Yes   **No**

Search:
Books

Search: Condition: Price Range   Date Added
Nike's   Like New $40.00-80.00   3/14/21

Actor 1 selects Yes

Search!

Use Case 2: Delete Search Pattern

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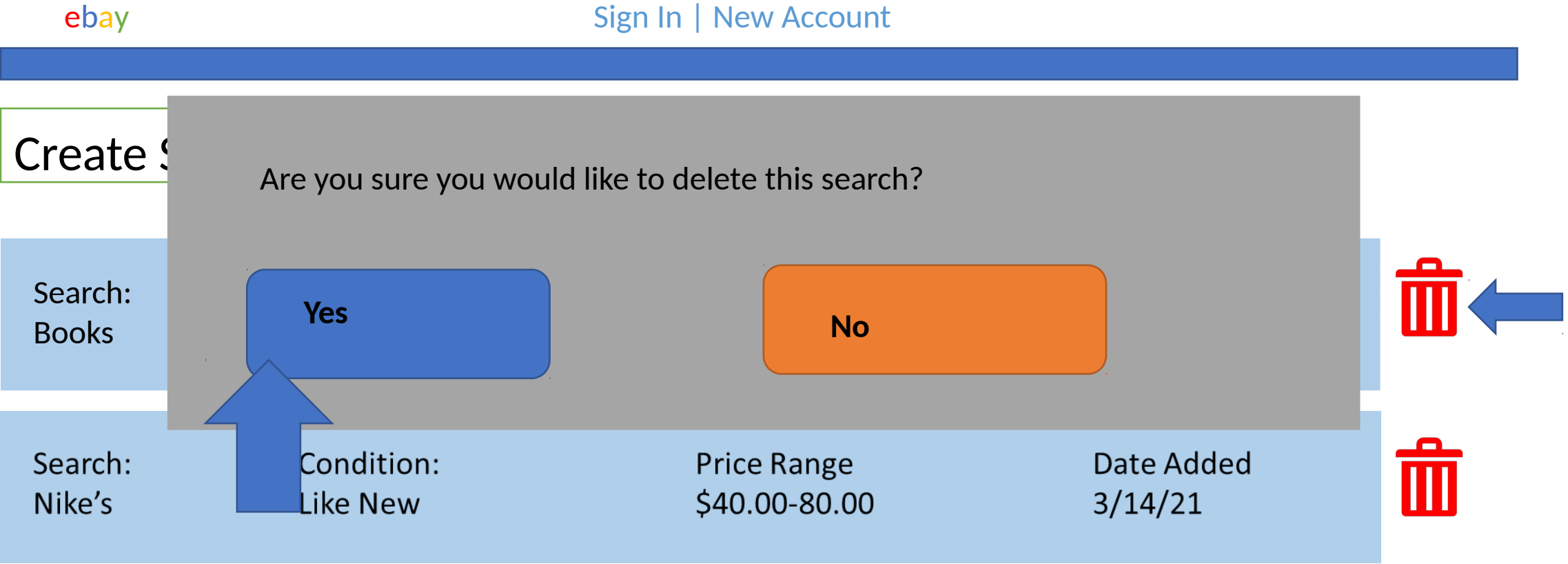
Create Search Pattern Delete Search   Edit Search

Search: Condition: Price Range   Date Added
Nike's   Like New $40.00-80.00   3/14/21

The search pattern is deleted and the user is returned to the home page

Search!

Use Case 2: Alternate Course (No button pressed)

- Actor 1 selects delete search button
- Actor 2 displays the delete icons
- Actor 1 selects the search they would like to delete
- Actor 2 prompts Actor 1 with a confirmation message
- Actor 1 clicks no
- Actor 3 returns Actor 1 to main page, without any changes

Use Case 2: Delete Search Pattern | Alternate Case

Create S

Are you sure you would like to delete this search?

Yes   **No**

Search:
Books

Search: Condition: Price   ge   Date Added
Nike's   Like New $40.0   0.00   3/14/21

Actor 1 selects No

Search!

Use Case 2: Delete Search Pattern | Alternate Case 1

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Create Search Pattern Delete Search   Edit Search

Search: Condition: Price Range   Date Added
Books   Any   Any   3/14/21

Search: Condition: Price Range   Date Added
Nike's   Like New $40.00-80.00   3/14/21

Website goes back to home page with no changes

Search!

Use Case 3: Edit Search Pattern

- Actor 1 clicks edit search button
- Actor 2 displays icons next to each search
- Actor 1 clicks which button they would like to edit
- Actor 2 shows an edit search pattern screen
- Actor 1 makes their edits and clicks the save edits button
- Actor 2 returns user to home screen and saves the changes to the search pattern

Use Case 3: Edit Search Pattern

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Create Search Pattern   Delete Search   Edit Search

Search:	Condition:	Price Range	Date Added
Books	Any	Any	3/14/21

Search:	Condition:	Price Range	Date Added
Nike's	Like New	$40.00-80.00	3/14/21

Edit Search Button is presssed

Search!

Use Case 3: Edit Search Pattern

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Sign In | New Account

Create Search Pattern   Delete Search   Edit Search

Search: Condition: Price Range   Date Added
Books   Any   Any   3/14/21

Search: Condition: Price Range   Date Added
Nike's   Like New $40.00-80.00   3/14/21

Icons are shown next to each search pattern

Search!

Use Case 3: Edit Search Pattern
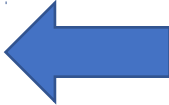
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Create Search Pattern   Delete Search   Edit Search

Search: Condition: Price Range   Date Added
Books   Any   Any   3/14/21

Search: Condition: Price Range   Date Added
Nike's   Like New $40.00-80.00   3/14/21

Search!

User selects which pattern they would like to edit

Use Case 3: Edit Search pattern

Create Search Pattern Delete Search   Edit Search

Edit Search Pattern

Keywords: Books

Condition: Any

Price Range: Any

Save search pattern

App shows edit search pattern screen with information pre-loaded

Use Case 3: Edit Search pattern

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Create Search Pattern Delete Search   Edit Search

Edit Search Pattern

Keywords: Books

Condition: Used

Price Range: $20.00-60.00

Save search pattern

User makes
they edits
they would
like to make

Use Case 3: Edit Search pattern

ebay

Create Search Pattern Delete Search   Edit Search

Edit Search Pattern

Keywords: Books

Condition: Used

Price Range: $20.00-60.00

Save search pattern ⬅

User clicks save search pattern

Use Case 3: Edit Search Pattern

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Create Search Pattern Delete Search   Edit Search

Search:	Condition:	Price Range	Date Added
Books	Used	$20.00-60.00	3/14/21

Search:	Condition:	Price Range	Date Added
Nike's	Like New	$40.00-80.00	3/14/21

Search!

Home page is shown with changes made to search pattern

Use Case 3: Alternate Course (User tries to remove keyword)

- Actor 1 clicks edit search button
- Actor 2 displays icons next to each search
- Actor 1 clicks which button they would like to edit
- Actor 2 shows an edit search pattern screen
- Actor 1 attempt to remove the keyword from the search pattern
- Actor 2 prompts the user with an error message

Use Case 3: Edit Search pattern | Alternate Course

ebay

Create Search Pattern   Delete Search   Edit Search

Edit Search Pattern

Keywords:

Condition: Used

Price Range: $20.00-60.00

Save search pattern

User removes the keywords and then clicks save search pattern

Use Case 3: Edit Search pattern | Alternate Course

Sign In | New Account

Create Search Pattern   Delete Search   Edit Search

Edit Search Pattern

Keywords:

Condition: Used

Price Range: $20.00-60.00

Save search pattern

Please supply at least 1 keyword

Error message is displayed

Use Case 4: Click Search Button

- Actor 1 clicks the search button
- Actor 2 queries the website for any new bids with search terms matching the saved ones
- Actor 2 returns the results for each pattern
- Actor 1 favorites or purchases any item they are interested in
- Actor 1 clicks the done button
- Actor 2 returns the user to the home page

Use Case 4: Search Button Pressed

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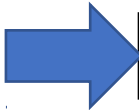Create Search Pattern Delete Search   Edit Search

Search: Condition: Price Range   Date Added
Books   Any   Any   3/14/21

Search: Condition: Price Range   Date Added
Nike's   Like New $40.00-80.00   3/14/21

Search button is pressed

Search!

Use Case 4: Search Button Pressed

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Nike – Airforce 7
Price: $55.99
Condition: Like New

Nike – Airforce 5
Price: $41.99
Condition: Like New

History of Stevens - Book
Price: $23.97
Condition: Used

Done!

Actor 2 returns any new searches for the saved patterns

Use Case 4: Search Button Pressed

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Nike – Airforce 7
Price: $55.99
Condition: Like New

Nike – Airforce 5
Price: $41.99
Condition: Like New

History of Stevens - Book
Price: $23.97
Condition: Used

Done!

Actor 1 clicks the done button

Use Case 4: Search Button Pressed

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Create Search Pattern Delete Search   Edit Search

Search: Condition: Price Range   Date Added
Books   Any   Any   3/14/21

Search: Condition: Price Range   Date Added
Nike's   Like New $40.00-80.00   3/14/21

User returned to home page

Search!

Use Case 4: Click Search Button (No new items)

- Actor 1 clicks the search button

- Actor 2 queries the website for any new bids with search terms matching the saved ones

- Actor 2 finds no new results

- Actor 2 reveals a message stating such

Use Case 4: Search Button Pressed

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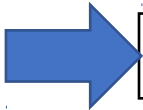Create Search Pattern Delete Search   Edit Search

Search: Condition: Price Range   Date Added
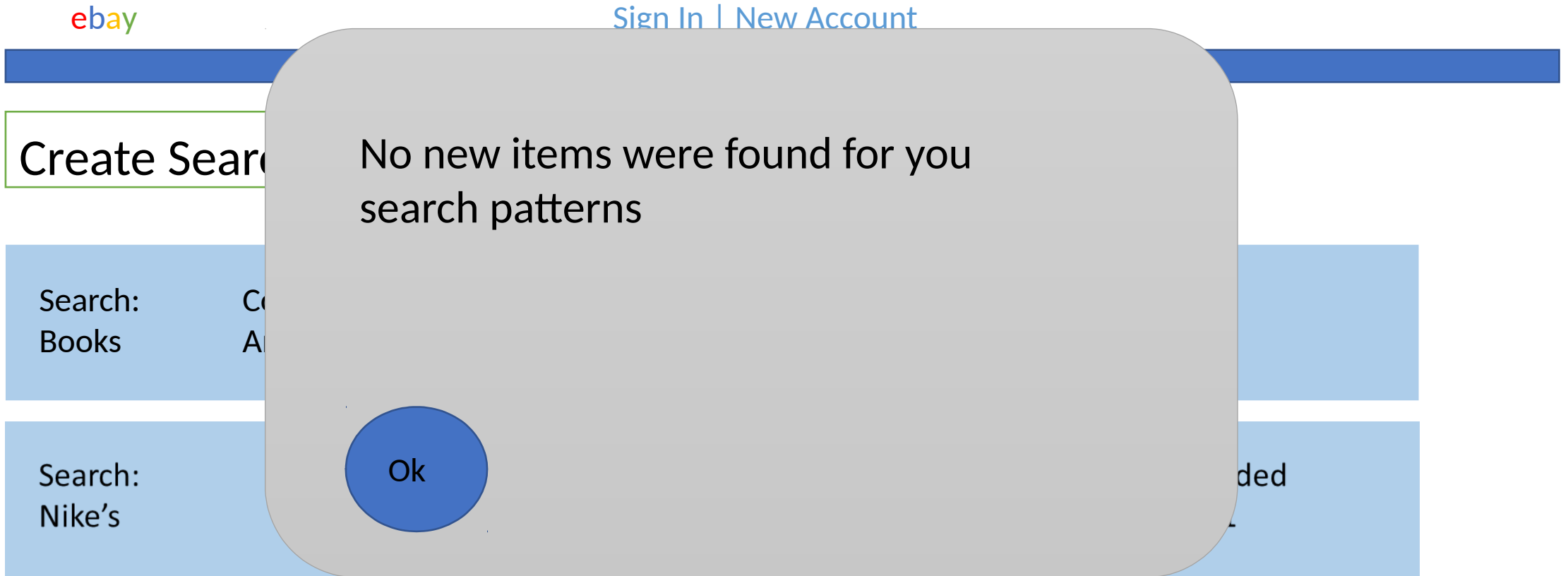Books   Any   Any   3/14/21

Search: Condition: Price Range   Date Added
Nike's   Like New $40.00-80.00   3/14/21

Search button is pressed

Search!

Use Case 4: Search Button Pressed

ebay

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Create Sear

Search:
Books

C
A

Search:
Nike's

No new items were found for you search patterns

Ok

ded

No new items message is displayed

Search!