

Placing the Trade:

The First user can place his/her trade request to the seller and wait for the same seller to request a trade. Also, the seller is notified once his commodity is requested by a different trader. (So, go login through another User ID and trade commodity under the previous buyer name)

Steps to make a trade:

Step 1:

Navigate to trade and click “Trade Now”

The screenshot shows a web browser at localhost:3000/commodities/6392b95cc7f0617a20048d5e. The page header for theTradeDesk includes links for 'Add a new Commodity', 'Profile', and 'Logout', and a 'Welcome Raj Kumar' message. The main content area displays a commodity listing for 'Nike Basketball' with a status of 'Available', a swapper named 'test kumar', and a date of 'December 21, 2022'. A green 'Trade Now!' button is highlighted with a blue circle. Below the listing, a 'Details' section states: 'Made with durable rubber to withstand the blacktop, the Nike Skills Basketball is ready to go with you wherever you are.' The footer contains copyright information for 2022 and links to Home, About, Contact, and Privacy Policy.

Also, you would be able to see this in your profile. And you can click on “No longer interested” if you are not interested anymore.

The screenshot shows a user profile page with a green success message: 'Successfully created a trade for this commodity!'. Below this, the 'My Commodities' section displays a table with three items:

Commodity	Category	Status	Action
Hercules Rodeo Cycle	Sports	Available	Edit Delete
Harry Potter and the Philosopher Stone J. K. Rowling	Books	Available	Edit Delete
The Catcher in the Rye	Books	Available	Edit Delete

The 'Your Trades' section shows a table with one trade:

Commodity	Seller Name	Status	Action
Nike Basketball	test kumar	Offer Pending	No Longer Interested

A blue arrow points to the 'No Longer Interested' button. The bottom section is titled 'People Interested in your Commodities:'.

Step 2: Now, once the other user requests a trade against the same buyer. Then they can exchange the commodity and finalize the trade.

The screenshot shows the 'theTradeDesk' interface. At the top, there's a blue header with the logo and navigation links: 'Add a new Commodity', 'Profile', and 'Logout'. Below the header, a sidebar on the left contains 'Commodities' and 'Welcome test kumar'. The main content area displays a commodity listing for 'Hercules Roaddeo Cycle'. It includes a photo of a bicycle, its status 'Available', the swapper 'Raj Kumar', the date 'December 06, 2022', and the location 'Woodward 4'. To the right, it says '0 people are trading on this' and has a 'Make a trade!' link. A green 'Trade Now!' button is highlighted with a blue circle. Below the listing, there's a 'Details' section with a paragraph of placeholder text.

Now both can see the trade in their profile and its status would be “Offer Pending” instead of “Available”.

The screenshot shows a user's profile on theTradeDesk. At the top, a green banner reads 'Successfully created a trade for this commodity!'. Below this, the 'My Commodities' section contains a table with three rows of commodities. The first two rows are 'Nike Air jorden Basketball Shoes' and 'The Great Gatsby', both with status 'Available'. The third row is 'Nike Basketball' with status 'Offer Pending'. The 'Action' column for the 'Offer Pending' row includes 'Edit', 'Delete', and 'Manage' buttons. Below this, the 'Your Trades' section shows a table with one row: 'Hercules Roaddeo Cycle' by 'Raj Kumar' with status 'Offer Pending' and a 'No Longer Interested' button. At the bottom, the 'People Interested in your Commodities:' section shows a table with one row: 'Nike Basketball' by 'Raj Kumar' with status 'Offer Pending' and a 'Cancel offer' button.


Commodity	Category	Status	Action
Nike Air jorden Basketball Shoes	Sports	Available	<button>Edit</button> <button>Delete</button>
The Great Gatsby	Books	Available	<button>Edit</button> <button>Delete</button>
Nike Basketball	Sports	Offer Pending	<button>Edit</button> <button>Delete</button> <button>Manage</button>

Commodity	Seller Name	Status	Action
Hercules Roaddeo Cycle	Raj Kumar	Offer Pending	<button>No Longer Interested</button>

Commodity	Buyer's Name	Status	Action
Nike Basketball	Raj Kumar	Offer Pending	<button>Cancel offer</button>


Step 3: Now the first user needs to approve the trade by navigating to its profile and clicking on “Manage” in the “My Commodities” section. Also, in the meanwhile, they can opt to cancel the offer or opt for no longer interested.

Hercules Roadeo Cycle



Name: Hercules Roadeo Cycle
Category: Sports
Seller: Raj Kumar
Location: Woodward 4
Status: Offer Pending
Date of Trade: 2022-12-06

Nike Basketball



Name: Nike Basketball
Category: Sports
Seller: test kumar
Location: Duke Hall
Status: Offer Pending
Date of Trade: 2022-12-21

Make a Trade!!!

Step 4: After clicking on “Make a Trade” they can complete the trade and the same commodity will be reflected and traded and cannot be traded any further.


Now the author cannot edit or trade the same commodity. And its status would be shown as “**Traded**”.

theTradeDesk

Add a new Commodity Profile Logout

Commodities Welcome test kumar

Hercules Roadeo Cycle



Status: Traded

Swapper: Raj Kumar

December 06, 2022

Woodward 4

0 people are trading on this

Details

Rodeo has been an established bicycle brand for many years now. Their cycles are mainly targeted at the teenage riders, for commuting and leisure riding in the neighborhood. Over the years Rodeo have developed its bicycles to be ridden by adults as well and also on rough surfaces. From the 2019 range of Rodeos we got the opportunity to test ride the Fugitive 27.5 DD and here is what we thought. Lorem ipsum dolor sit amet, consectetur adipiscing elit. In tincidunt metus neque, sodales tincidunt ipsum pellentesque vitae. Phasellus finibus aliquet metus vitae fringilla

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and It would not be available in your profile as well.

Commodities

Welcome test kum

My Commodities

Commodity	Category	Status	Action
Nike Air jorden Basketball Shoes	Sports	Available	<a>Edit <a>Delete
The Great Gatsby	Books	Available	<a>Edit <a>Delete
Nike Basketball	Sports	Traded	This Commodity has been Traded

Your Trades

There are no commodity to display.

People Interested in your Commodities:

Your Products have not caught anyone's attentions untill now.

The Normal flow of the website:

Starting page:

theTradeDesk

localhost:3000

theTradeDesk

Commodities

Welcome to theTradeDesk.

TradeDesk is a platform to exchange goods in return of goods. People use TradeDesk to exchange their furniture, books, their sports Equipments. If you are willing to exchange some of your goods in return of some different goods you will love this website. You see the trading options available by clicking on Trade.

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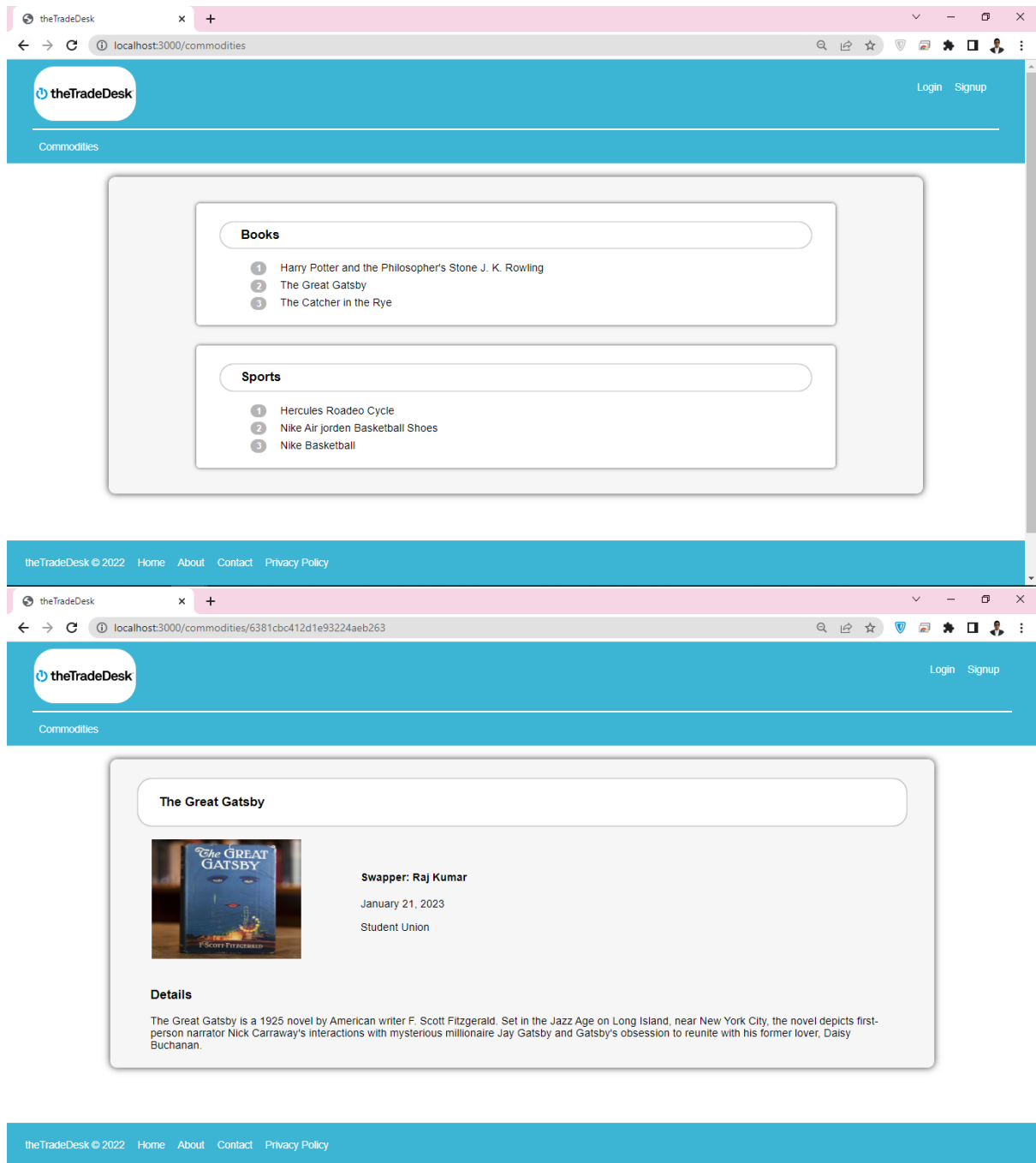
Home

About

Contact

Privacy Policy

Can view commodities but cannot edit them:



You can see there is no edit or delete button.

LoginPage :

If you are a new user you need to Sign up first before logging in.

theTradeDesk

localhost:3000/users/new

theTradeDesk

Login Signup

Commodities

First Name

Last Name

Email Address

Password

Register

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Now trying to login:

theTradeDesk

localhost:3000/users/login

theTradeDesk

Login Signup

Commodities

Email Address

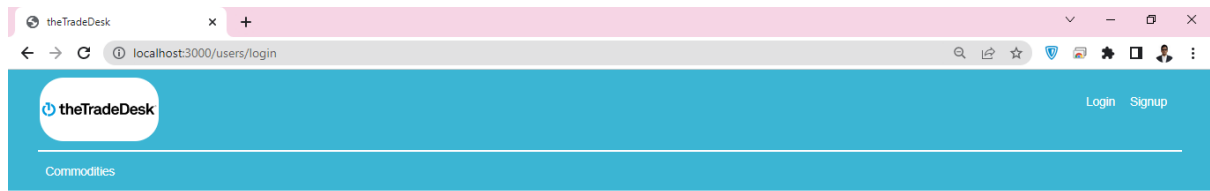
rkumar11@uncc.edu

Password

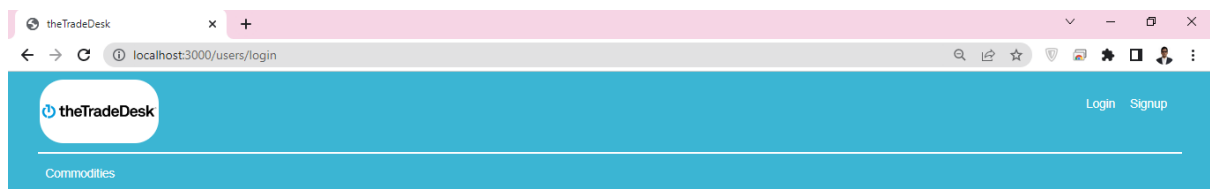
Login

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if your email id or password is wrong it will display accordingly. As shown in the diagram as follows:



Wrong password

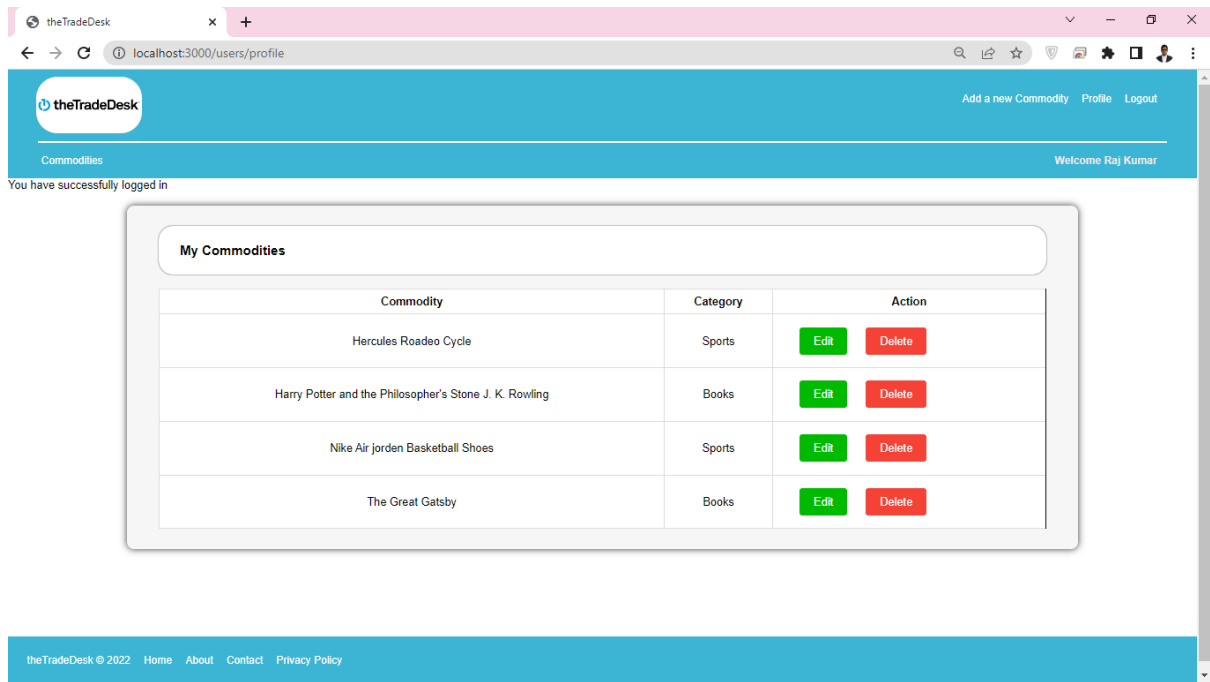
A light gray rectangular login form with a subtle shadow. It contains two white input fields. The first field is labeled 'Email Address' and the second is labeled 'Password'. Below these fields is a green button with the text 'Login' in white.

Wrong email address

A light gray rectangular login form, identical to the one in the previous image. It features 'Email Address' and 'Password' input fields and a green 'Login' button.

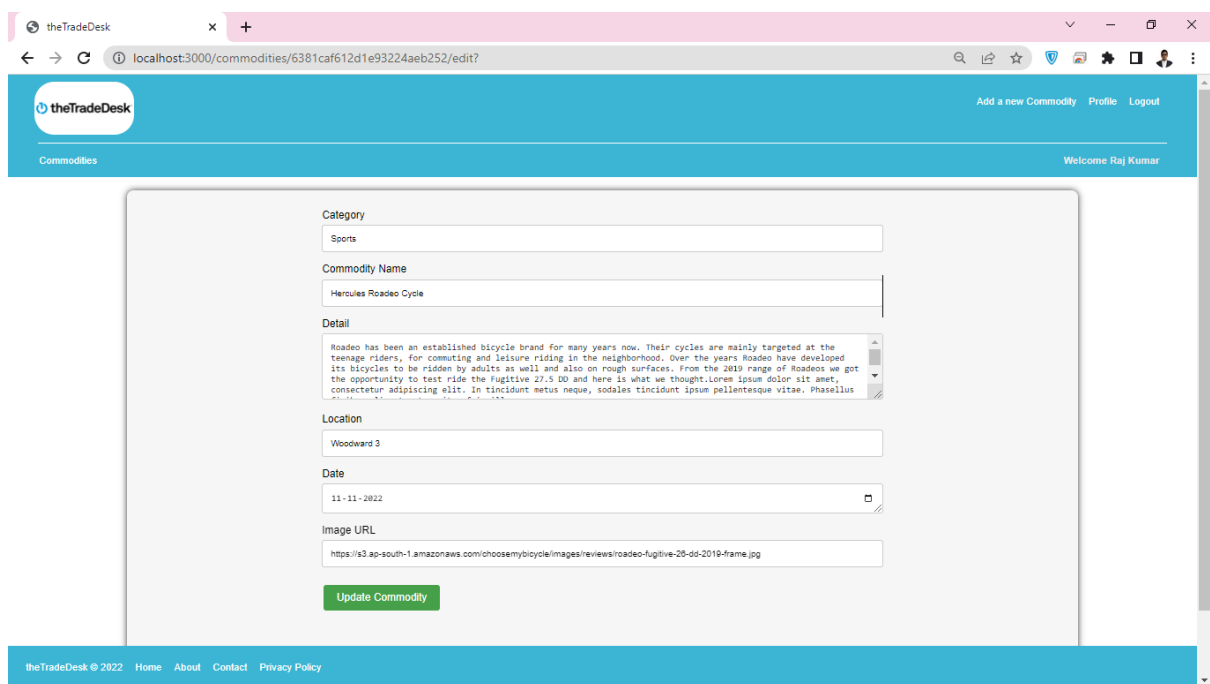
After Login:

After successful login, it will show all the trades placed by you, In the profile.



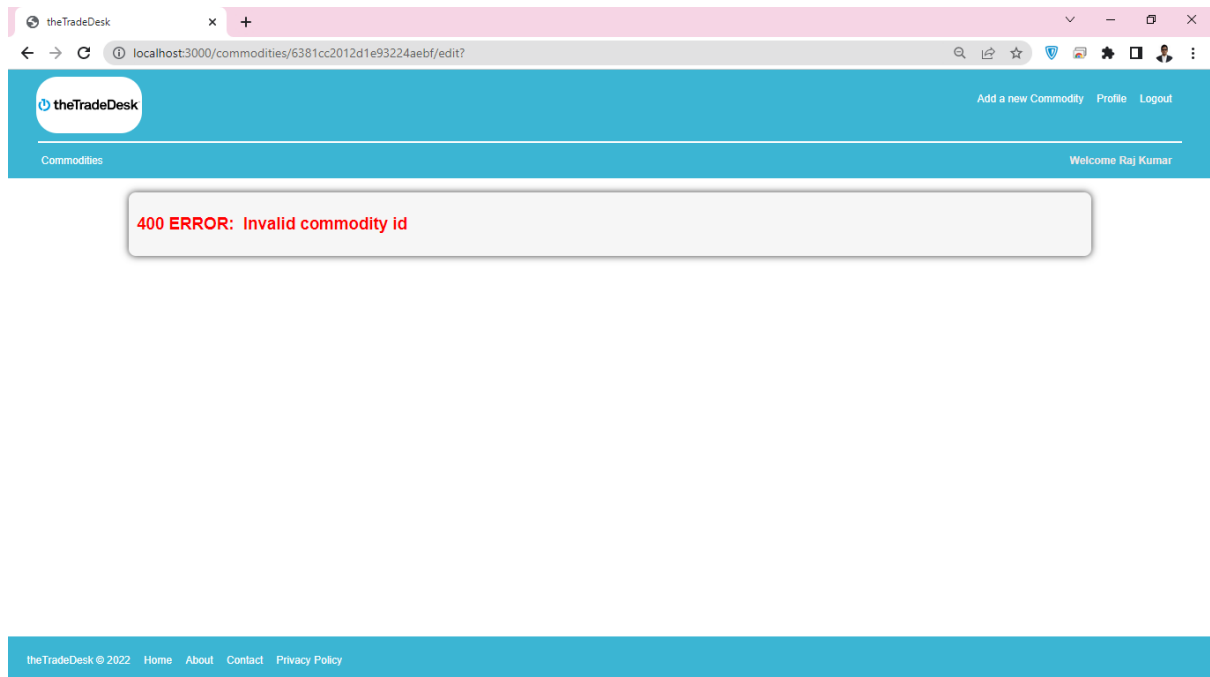
And here you can edit and delete them. And you are only allowed to edit your trade.

The editing page is shown as follows:



If you will try to edit someone else's data it will prompt you with 401 ERROR as follows:

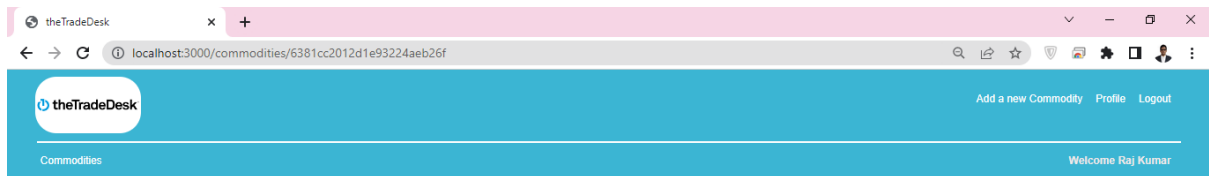
Also, At any point of the application you try to enter any invalid message id it will prompt you as follows: (using middleware)



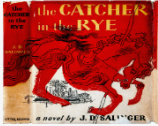
User-Defined Access:

You can only edit or delete your own commodity but you are allowed to view other's commodities:

As you can see in the following screenshot you can't see any edit or delete button,



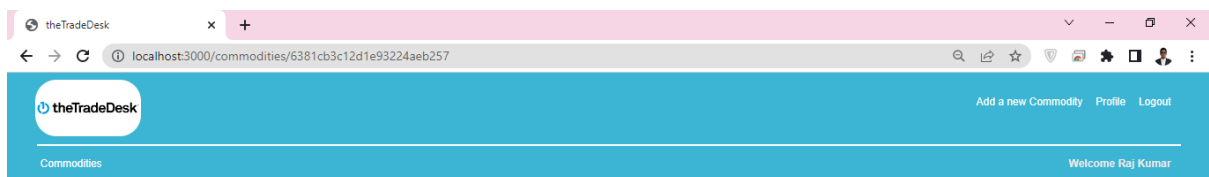
The Catcher in the Rye




Swapper: Naman Agarwal
March 22, 2023
CHHS

Details
The Catcher in the Rye is an American novel by J. D. Salinger that was partially published in serial form from 1945–46 before being novelized in 1951. Originally intended for adults, it is often read by adolescents for its themes of angst and alienation, and as a critique of superficiality in society

But you can see those buttons in the next screenshot: because they are your own commodities



Harry Potter and the Philosopher's Stone J. K. Rowling



Swapper: Raj Kumar
November 30, 2022
Urec

Details
Harry Potter has never even heard of Hogwarts when the letters start dropping on the doormat at number four, Privet Drive. Addressed in green ink on yellowish parchment with a purple seal, they are swiftly confiscated by his grisly aunt and uncle. Then, on Harry's eleventh birthday, a great beetle-eyed giant of a man called Rubeus Hagrid bursts in with some astonishing news: Harry Potter is a wizard, and he has a place at Hogwarts School of Witchcraft and Wizardry. An incredible adventure is about to begin!

[Edit](#) [Delete](#)

Adding Commodities:

You can navigate to the top right corner of the page “Add a Commodity” to add more commodities under your profile. And you need to enter the following details:

The screenshot shows a web browser window with the URL `localhost:3000/commodities/new`. The page has a blue header with the **theTradeDesk** logo on the left and links for [Add a new Commodity](#), [Profile](#), and [Logout](#) on the right. Below the header, a blue bar contains the word **Commodities** on the left and **Welcome Raj Kumar** on the right. The main content area is a light gray box containing a form with the following fields:

- Category**:
- Commodity Name**:
- Detail**:
- Location**:
- Date**:
- Image URL**:

At the bottom of the form is a green button labeled **Make Trade**. The footer of the page is a blue bar with the text **theTradeDesk © 2022** and links for [Home](#), [About](#), [Contact](#), and [Privacy Policy](#).

And once you are done with the trading you can sign out. That will close your session.

And It will navigate to the starting page of the application.