



DARKNET MARKETPLACE

PROBLEM

- With the recent online shopping boom due to the pandemic, I decided to do a research and see if I could capture any opportunity for business that somehow gives me the power to contribute to our global society.
- After researching the markets, the sector for brand new and second-hand products had my attention due to its high level of complaints. After digging deeper into that I found out most of the complaints come from bad buyer's and seller's experience.
- The most common complaints were:

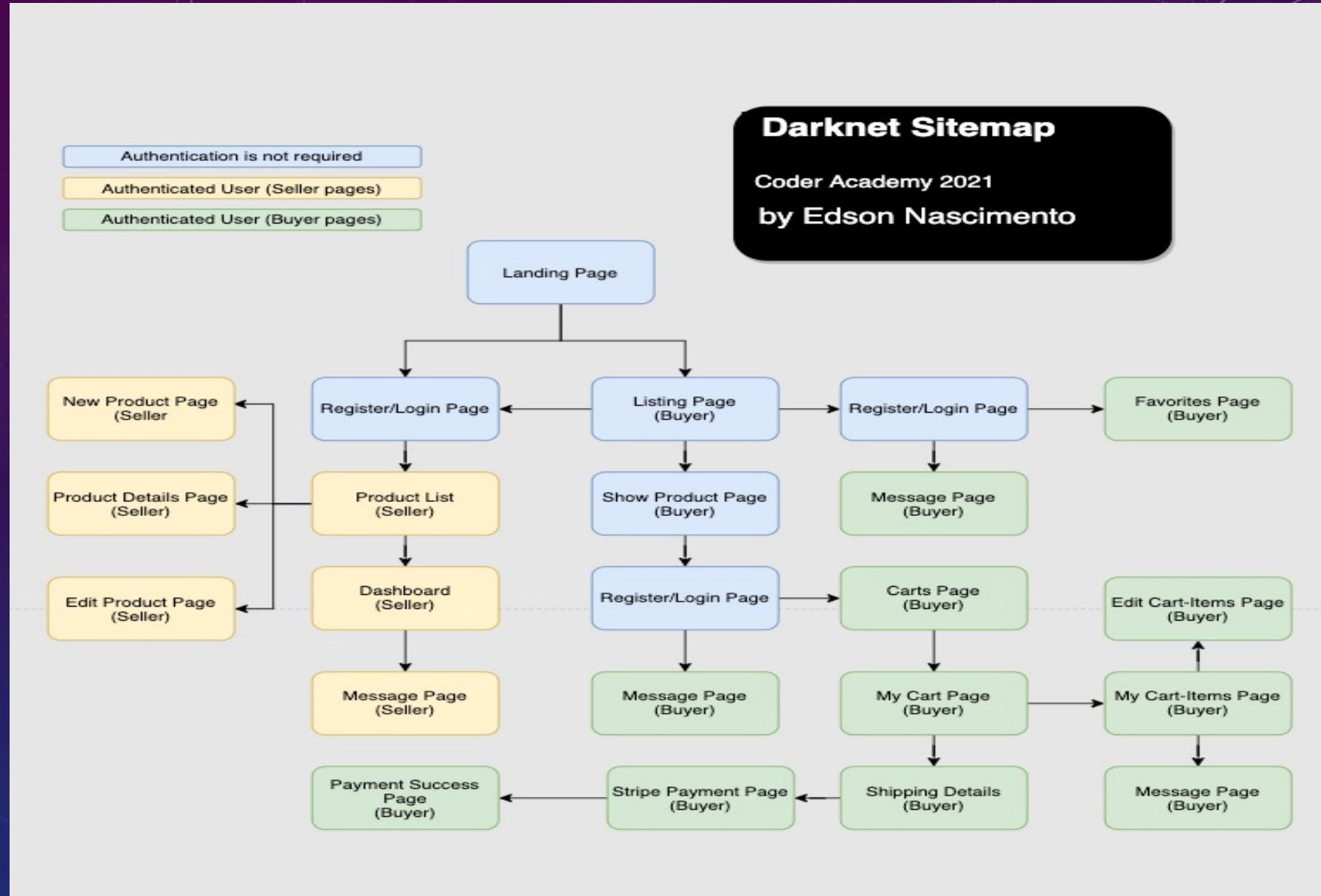
MANY ISSUES

- Too many restrictions for sellers.
- Complex process to get approved as a seller.
- Complex process to get a product approved and posted.
- Complex process to update or remove a selling product.
- No high-quality product image.
- High subscription fees
- Expensive commission fees
- No support on disputes
- Too many adds, and intrusive marketing campaign
- No easy channel to contact seller
- No clear information about shipping location
- No clear information about shipping timeframe
- No safe payment method
- No clear confirmation about payment
- No favourite list
- No descriptions
- Monopoly!

SOLUTION !!!!

- Darknet was developed not to only try solving most of the above-mentioned issues and been an inclusive platform for bad experience Sellers and Buyers, but also to contribute to the global economy.
- Our platform will help individuals, entrepreneurs and business, to sell more products, make more income, pay more taxes, resulting in more investment and development in areas such as health, education and technology for our global society.

SITEMAP OVERVIEW



Multi-page application where the Landing page is the root followed by the child and child of a child

NAVIGATION

Dark Net

Buy Sell   Login

ACTIONS

Darknet – Go to Landing Page.

Buy – Go to Listings Page.

 -- Go to Favorite List.

Cart -- Go to Carts List.

Login – Authentication Login or Register

Privacy Link

NETWORK MEDIA ICONS

SIGN UP PAGE



Features

1. Custom Username Field

EMAIL - WELCOME

Welcome to My Awesome Site - Caixa de Entrada

Message

Delete Archive Reply Reply to All Forward Attachment Move Junk Rules Read/Unread Categorise Follow Up Send to OneNote

Welcome to My Awesome Site

A aquenzitech@gmail.com <aquenzitech@gmail.com> Today at 10:03 am
To: thi_suzuki@hotmail.com

Welcome to Darknet, [thi_suzuki@hotmail.com](#)

You have successfully signed up to Ddarknet2.herokuapp.com, your username is: MrSuzuki.

To login to the site, just follow this link: <https://darknet2.herokuapp.com/>.

Thanks for joining and have a great day!

- ## Features
1. Display User Email
 2. Display Username
 3. Link To Darknet Website

1. Go shop now – takes to listings
2. Go sell now – takes to seller list

Darknet

The Best Experience Ever!

Amazing Products on Offer!

Are you looking for something?!

There's no other marketplace in the world that has the breadth of products and passionate sellers as Darknet. We can offer a full spectrum of value because of this diverse community of sellers.

[Go shop now!](#)

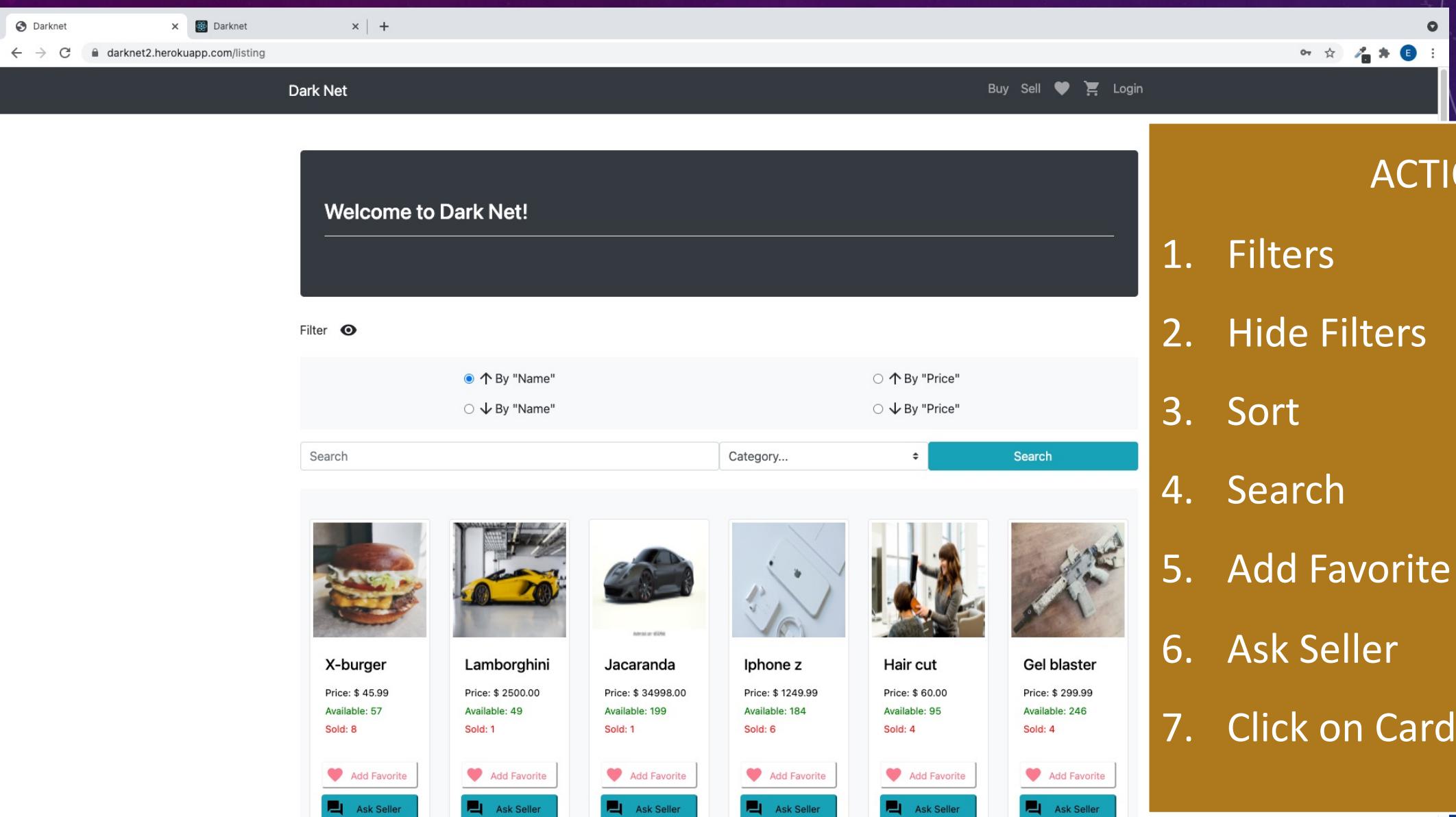
Quick Sale

Are you selling something?!

Darknet not only gives you discounted fees and free listings per month, you also get access to additional tools to manage and promote your business. Once you've sign up on Darknet, you can begin to advertise your products and services to let buyers know about the products you are selling.

[Go sell now!](#)

LISTINGS PAGE



The screenshot shows a web browser window for 'Dark Net' with the URL 'darknet2.herokuapp.com/listing'. The page features a dark header with 'Dark Net' and navigation links for 'Buy', 'Sell', 'Login', and a shopping cart icon. A large central area displays a grid of product cards. Each card includes a thumbnail image, the product name, price, availability, sold count, and two buttons: 'Add Favorite' and 'Ask Seller'. The products listed are X-burger, Lamborghini, Jacaranda, Iphone z, Hair cut, and Gel blaster.

ACTIONS

1. Filters
2. Hide Filters
3. Sort
4. Search
5. Add Favorite
6. Ask Seller
7. Click on Card to See Product

ASK SELLER PAGE

Dark Net

Buy Sell ❤️ 🛒 Logout



How can I help you?

Go back!

Aquenzitech: Hi There! Sun, 08 Aug 2021 07:38:51

send a message

is this

Send

Features

1. Go Back
2. Display Message History
3. Text Area Input
4. Send Message and Mute



PRODUCT PAGE

The screenshot shows a product page for a yellow Lamborghini Aventador. At the top, there's a 'Hot Deal!' banner with 'Ask Seller' and 'Back' buttons. Below the banner is a large image of the car. To the right of the image, the car's name 'Lamborghini' is displayed, along with the description 'Fancy car fast & furious'. The price is listed as 'Price AUD\$ 2500.00'. The item is described as 'Condition: Second Hand' and 'Shipped From Sydney - Free Shipping'. Delivery is estimated at 7 days. A quantity selector shows '1'. Below this, it says 'Sold 1' and 'Available 49'. The page was last updated on '2021-08-07 11:10:27 UTC'. At the bottom are 'Buy It Now!' and 'Add To Cart!' buttons.

ACTIONS

1. Ask Seller
2. Back Button
3. Save Favorites
4. Add Quantity
5. Buy Now!
6. Add To Cart

MY FAVORITES PAGE

Darknet Darknet

darknet2.herokuapp.com/favorite

Dark Net Buy Sell Logout

My Favorites!

Go back!



Iphone z
Price: \$ 1249.99
Available: 184
Sold: 6

 Remove



Cupcake
Price: \$ 20.00
Available: 93
Sold: 5

 Remove



X-burger
Price: \$ 45.99
Available: 57
Sold: 8

 Remove



Gel blaster
Price: \$ 299.99
Available: 246
Sold: 4

 Remove

ACTIONS

1. Back Button
2. Remove Favorites

ALL CARTS PAGE

The screenshot shows the 'All Carts' page of the 'Dark Net' web application. At the top, there is a header bar with two tabs labeled 'Darknet' and a URL 'darknet2.herokuapp.com/carts'. Below the header is a navigation bar with links for 'Buy', 'Sell', a heart icon, a shopping cart icon, and 'Logout'. A large central box contains the heading 'All Carts!' and a 'Continue Shopping' button. Below this is a table listing three carts:

Date	Status	Total \$
07/08/2021	Processed	1249.99
07/08/2021	Processed	299.99
08/08/2021	Open	34998.00

For each row, there are three buttons: 'See' (blue), 'View Receipt' (white), and 'Edit' or 'Del' (red). The entire screenshot is set against a dark purple background featuring a circular clock graphic.

ACTIONS

1. Continue Shopping
2. See Cart
3. See Receipt
4. Edit Cart
5. Delete Cart

MYCART PAGE

The screenshot shows a web browser window with two tabs, both titled "Darknet". The active tab displays a shopping cart page from "darknet2.herokuapp.com/carts/9". The page has a dark header with "Dark Net" on the left and "Buy Sell ❤️ 🛍 Logout" on the right. A large central box is labeled "My Cart!" and contains a "Continue Shopping" button. Below this is a table showing a single item: Jacaranda, Condition: Brand New, Quantity: 1, Price: \$34998.00. Underneath the table are three buttons: "See" (blue), "Edit" (yellow), and "Del" (red). At the bottom of the page is a summary section with "Total Amount" (\$AUD 34998.00) and a prominent blue "Checkout!" button.

Title	Condition	Quantity	Price
Jacaranda	Brand New	1	\$34998.00

See Edit Del

Total Amount \$AUD 34998.00

Checkout!

ACTIONS

1. Continue Shopping
2. See Cart-Item
3. Edit Cart-Item
4. Delete Cart-item
5. Checkout Button

CART ITEM PAGE

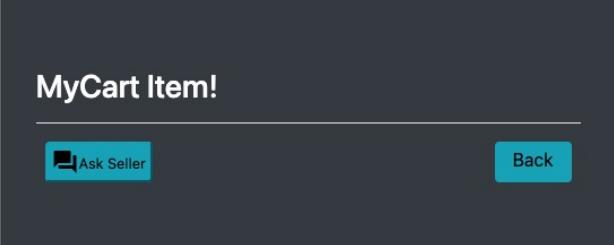
Darknet Darknet

darknet2.herokuapp.com/cart_item/show/9

Dark Net Buy Sell Logout

MyCart Item!

Ask Seller Back



A sleek, dark grey sports car is displayed against a white background.

shutterstock.com · 685329046

Condition: Brand New
Shipped From Sydney - Free Shipping
Delivery estimated 14 days
Quantity 1
Sold 5
Available 195
Last updated 2021-08-07 11:12:07 UTC

ACTIONS

1. Ask Seller
2. Go Back Button

EDIT CART ITEM PAGE

darknet2.herokuapp.com/cart_item/edit/11

Dark Net

Buy Sell ❤️ 🛒 Logout

Edit Cart Item!

Back



shutterstock.com - 685329046

Jacaranda

Racing car with special wheels

Price AUD\$ 34998.00

Condition: Brand New

Shipped From Sydney - Free Shipping

Delivery estimated 14 days

Quantity

Sold 5

Available 195

Last updated 2021-08-07 11:12:07 UTC

Update!

ACTIONS

1. Go Back Button
2. Select Quantity
3. Update

ADD SHIPPING INFO PAGE

localhost:3000/shipping_info/new



Dark Net

Buy Sell Favorites Logout

Save My Shipping Details!

[Continue Shopping](#)

Unit *

Street number *

Street name *

Suburb *

Postcode *

Phone *

Save

ACTIONS

1. Continue Shopping
2. Save

CONFIRM SHIPPING INFO PAGE

darknet2.herokuapp.com/shipping_info/9

Dark Net Buy Sell Logout

My Shipping Details!

[Edit shipping Details!](#)

Unit *

55

Street number *

45

Street name *

Why St

Suburb *

FORTITUDE VALLEY

Postcode *

4006

Phone *

0411312000

[Confirm Shipping Details!](#)

ACTIONS

1. Edit Shipping Details
2. Confirm Shipping Details

EDIT SHIPPING PAGE



Edit Shipping Details!

[Back!](#)

Unit *

55

Street number *

45

Street name *

Why St

Suburb *

FORTITUDE VALLEY

Postcode *

4006

Phone *

0411312000

[Save!](#)

ACTIONS

1. Go Back
2. Save

STRIPE PAGE

← → C checkout.stripe.com/pay/cs_test_a1dNGVR4wLI7eZ2NqOCmQzWE2fYdXu1BjgYx8gEodDBMcordEASFsaDSlc#fidkdWxOYHwnPyd1blpxYHZxWjA0TUZtXXFAYDNEckxkVUh%2FdFZKTElodm5Majdidkh2c1RIZmRtYEJfXDxXV3FwSFBva0ttIdc0Y... ☆ 🔍 🗃 E ⋮

Aquenzitech TEST MODE

Jacaranda,x-Burger,Gel Blaster,CupCake,Iphone Z
A\$36,613.96

Racing car with special wheels,Super burger all included,Long range rifle,Chocolate,Iphone Z with earpods and charger



Powered by **stripe** | [Terms](#) [Privacy](#)

G Pay

Or pay with card

Email aquenzitech@gmail.com [Log in](#)

Card information

1234 1234 1234 1234	VISA	Mastercard	Amex	Discover
MM / YY	CVC	[Image]		

Name on card

Country or region

Australia

Pay A\$36,613.96

Details

1. Multiple Item Titles
2. Multiple Descriptions

SUCCESS PAGE

Dark Net

Buy Sell Logout

Payment Success!

[Go back homepage](#)

Payment Successfully processed, [View your receipt !](#)

ACTIONS

1. Go Back Homepage
2. View Receipt



RECEIPT PAGE

pay.stripe.com/receipts/acct_1HChXtEe6AwlaPMz/ch_3JM6d8Ee6AwlaPMz1DyWgEuS/rcpt_K06rAD6jgVOKeSYqiHtoKVF58aSpuoG



Receipt from Aquenzitech

Receipt #1106-8946

AMOUNT PAID	DATE PAID	PAYMENT METHOD
A\$34,998.00	August 8, 2021	VISA - 4242

SUMMARY

Jacaranda × 1	A\$34,998.00
Amount charged	A\$34,998.00

If you have any questions, contact us at thi_suzuki@hotmail.com.

Something wrong with the email? [View it in your browser.](#)

You're receiving this email because you made a purchase at Aquenzitech, which partners with [Stripe](#) to provide invoicing and payment processing.

EMAIL - RECEIPT

Thanks for shopping at our amazing app - Caixa de Entrada

Message

Delete Archive Reply Reply to All Forward Attachment Move Junk Rules Read/Unread Categorise Follow Up Send to OneNote

Thanks for shopping at our amazing app

aquenzitech@gmail.com <aquenzitech@gmail.com> Today at 5:02 pm
To: thi_suzuki@hotmail.com

Hello, MrSuzuki !

Thanks for shopping with darknet2.herokuapp.com !

The payment for your cart number **13** has been successfully processed

[View your receipt!](#) Follow this link: [Darknet](#), to see what's new!

Thanks for joining and have a great day!

Features

1. Display Username
2. Display Cart Number
3. View Receipt
4. Link To Darknet Website

PRODUCT LIST PAGE - SELLER

The screenshot shows a web application interface for a seller on the 'Dark Net'. At the top, there's a header bar with the title 'Dark Net' on the left and navigation links 'Buy', 'Sell', a heart icon, a shopping cart icon, and 'Logout' on the right. Below the header is a large dark gray box containing the text 'Product list!' and a 'Go To Dashboard' button. To the left of the main content area is a teal-colored button labeled 'New Product'. The main content is a table listing four products:

Title	Price	Available	Sold	Category	Action
Hair Cut	60.00	95	4	Services	See Edit Del
CupCake	20.00	93	5	General	See Edit Del
Jacaranda	34998.00	197	3	Vehicle	See Edit Del
Lamborghini	2500.00	49	1	Vehicle	See Edit Del

Each row in the table includes a set of three colored buttons at the end: blue ('See'), yellow ('Edit'), and red ('Del').

Features

1. Go To Dashboard Link
2. Add New Product
3. See Product
4. Edit Product
5. Delete Product

SELLING PRODUCT PAGE

darknet2.herokuapp.com/products/4

Dark Net

Buy Sell Logout

Product Details!

Back

Title: Lamborghini

Description: Fancy car fast & furious

Price: 2500.0

Condition: Second Hand

Shipped from: Sydney

Delivery est: 7

Available: 49

Sold: 1

Category: Vehicle



Edit

Features

1. Go Back
2. Edit

EDIT SELLING PRODUCT

darknet2.herokuapp.com/products/4/edit

Dark Net

Buy Sell Logout

Edit Product!

[Back](#)

Title *

Description.*

Price.*

Condition.*

Shipped from.*

Delivery estimated (Days) .*

Quantity available.*

Category.*

No file chosen

Features

1. Go Back
2. Update

DASHBOARD PAGE

The screenshot shows a web browser window for 'Darknet' with the URL 'darknet2.herokuapp.com/dashboard'. The page has a dark header with 'Dark Net' on the left and 'Buy Sell ❤️ 🛍 Logout' on the right. A large central box is labeled 'Dashboard' and contains a 'Go To Inbox' button. Below this are two sections: 'My Products & Performance' and 'My Inbox'. The 'My Products & Performance' section displays data for two products: 'Hair Cut' and 'CupCake'. The 'My Inbox' section lists two messages from buyers.

Product	Title	Available	Total Sold	Unit Price	Total Revenue	Last Update
1	Hair Cut	95	4	AUD\$ 60.0	AUD\$ 240.0	Sun, 08 Aug 2021 03:15:50
2	CupCake	93	5	AUD\$ 20.0	AUD\$ 100.0	Sun, 08 Aug 2021 04:54:22

Buyer	Product	Date	Action
Edinho	x-Burger	Sun, 08 Aug 2021 07:46:13	Answer Buyer
Aquenzitech	Jacaranda	Sun, 08 Aug 2021 07:38:51	Answer Buyer

Features

1. Go To Inbox(Useful when Mobile Layout)
2. Answer Buyer

ANSWER BUYER PAGE

localhost:3000/dashboard/message/4/9
35.1 ms ×2

Dark Net Buy Sell ❤️ 🛒 Logout

Replying to Client!

[Go back!](#)

Edson: Hi There! Sun, 08 Aug 2021 08:00:16

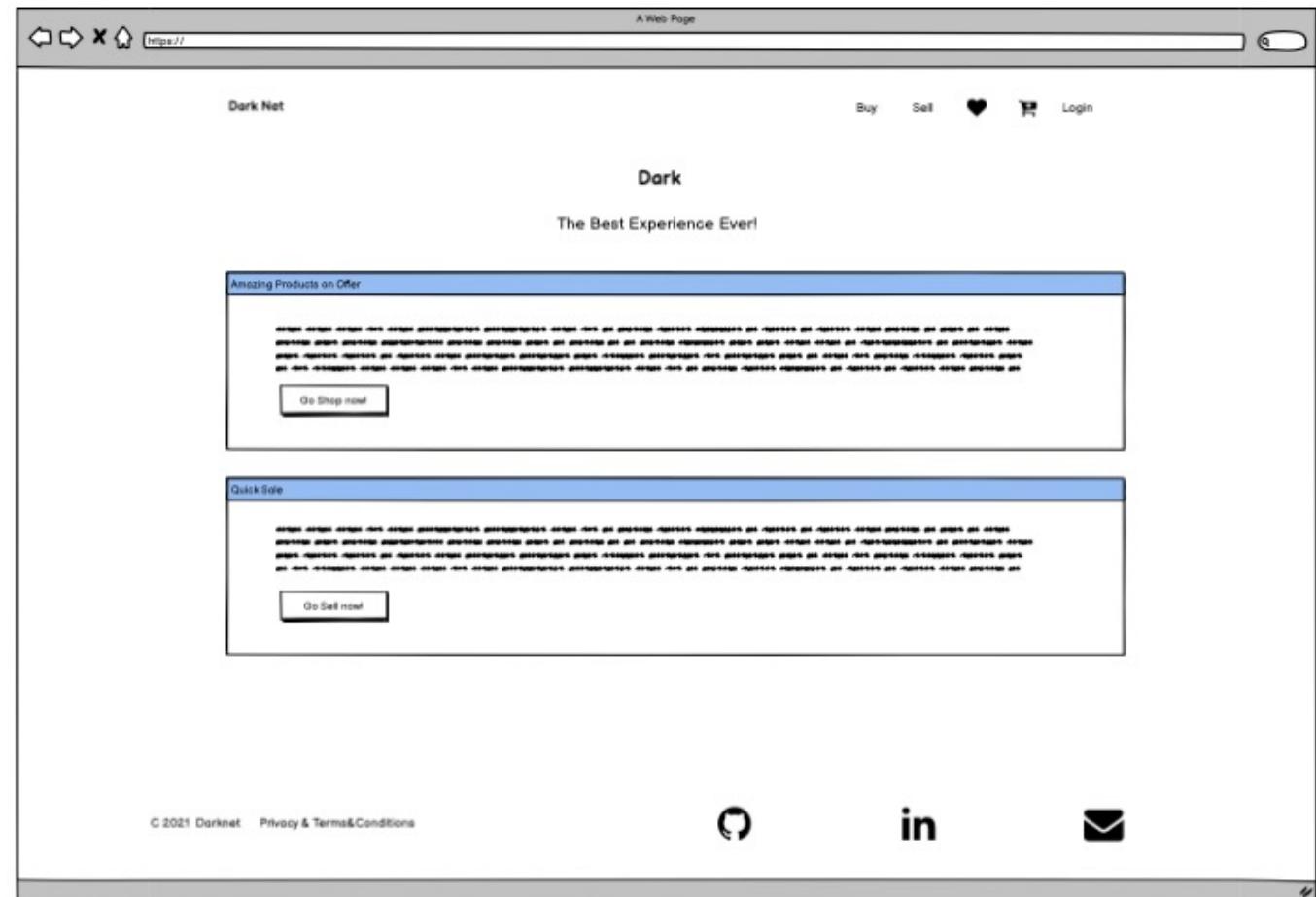
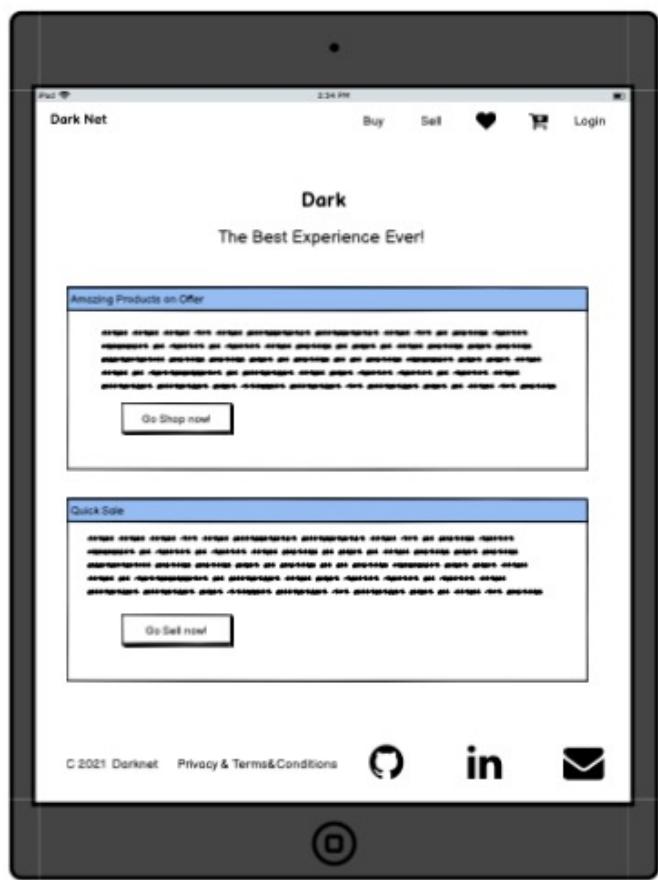
send a message

SendG

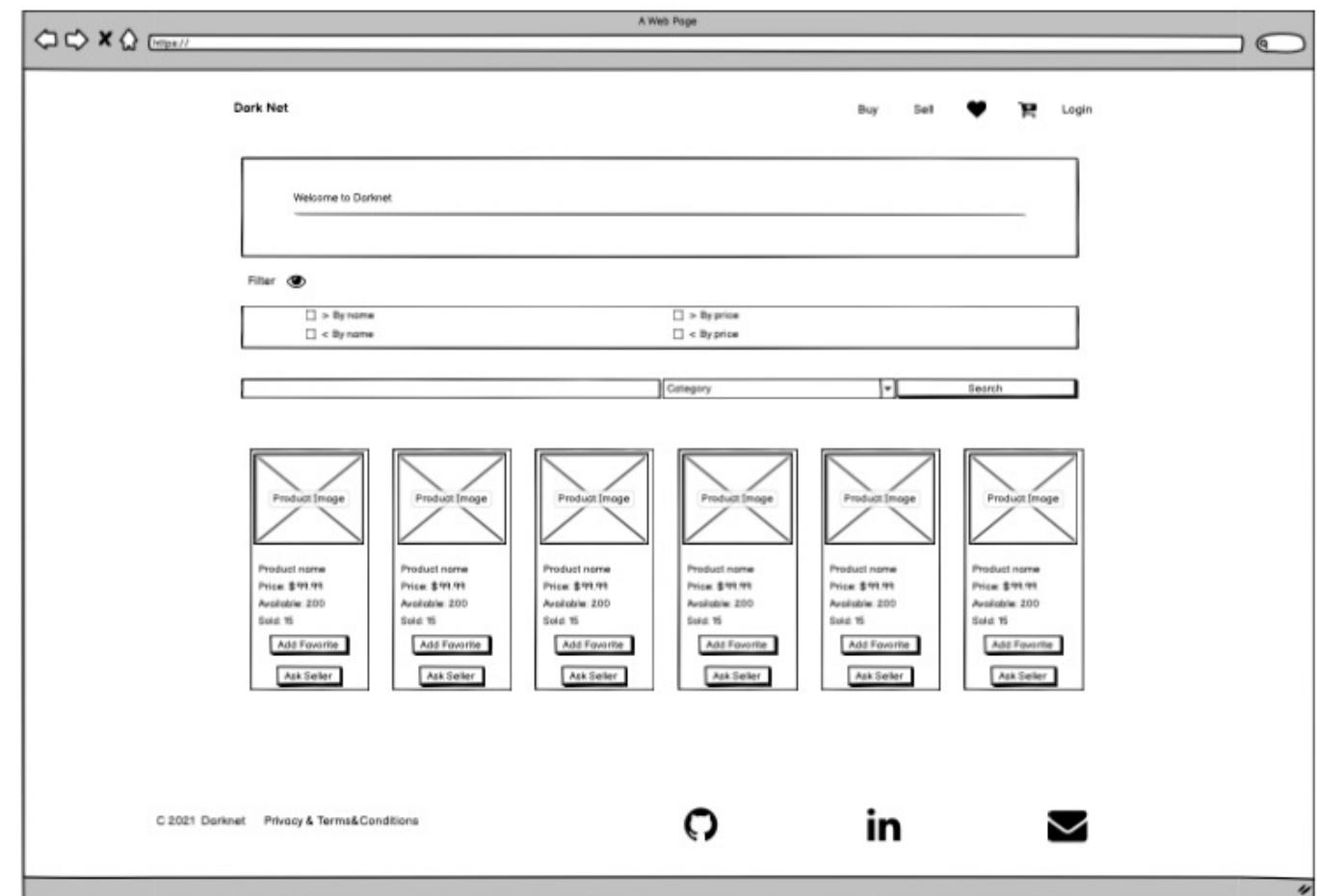
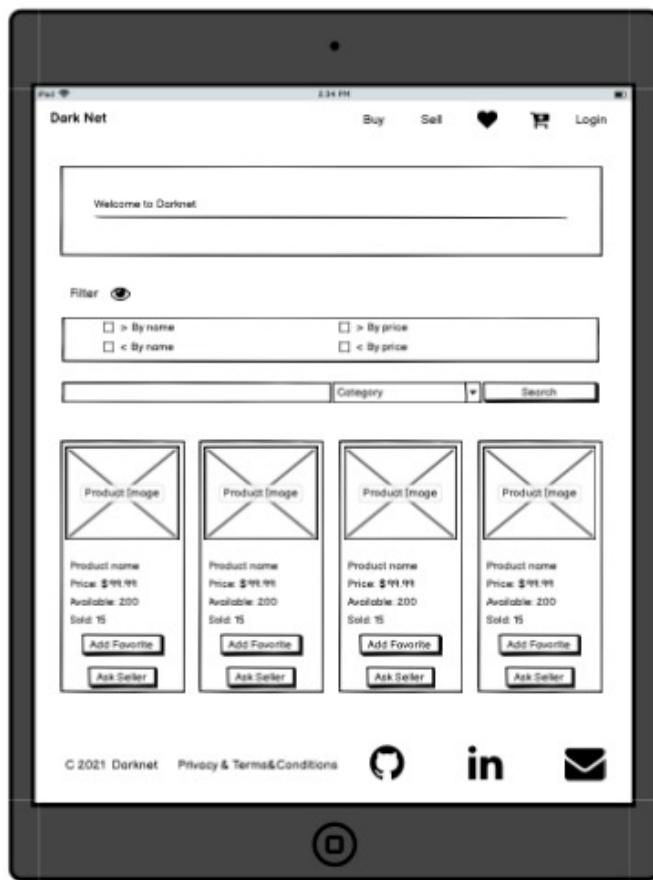
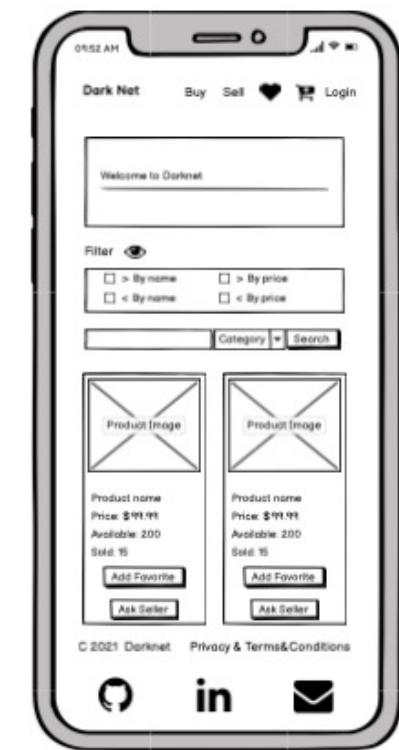
Features

1. Go Back
2. Display Message History
3. Text Area Input
4. Send Message and Mute (this conversation wont show at seller's inbox until the buyer sends a new message.)

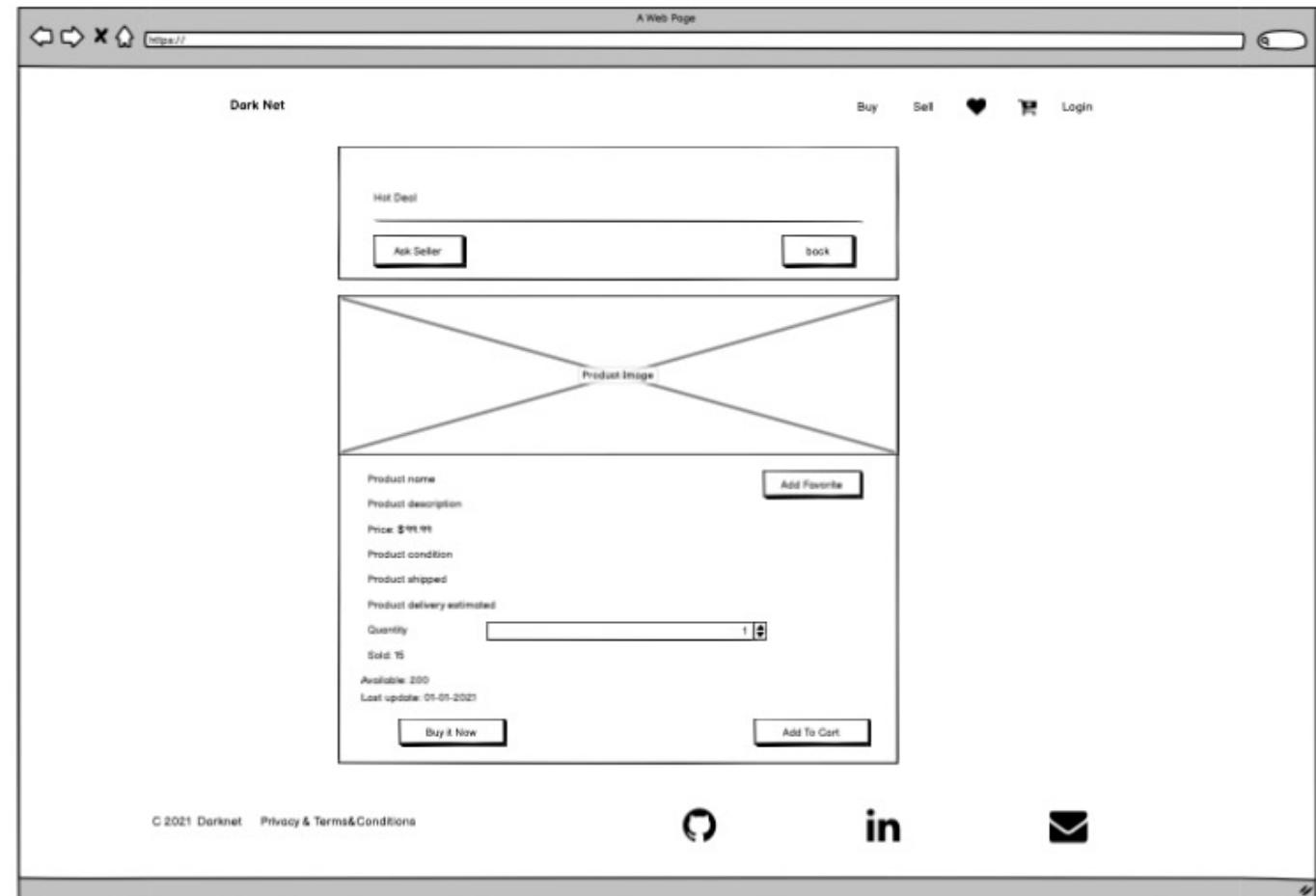
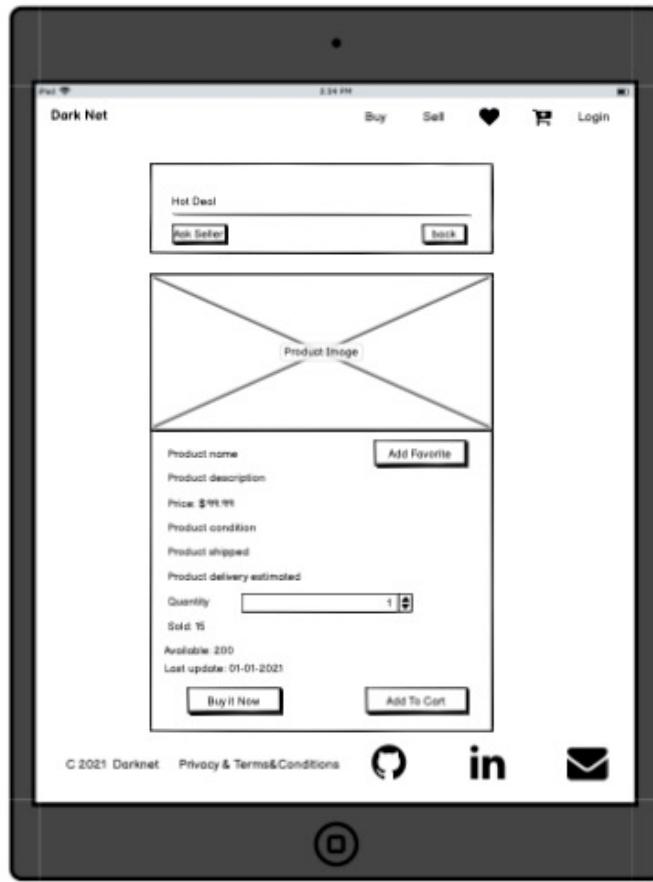
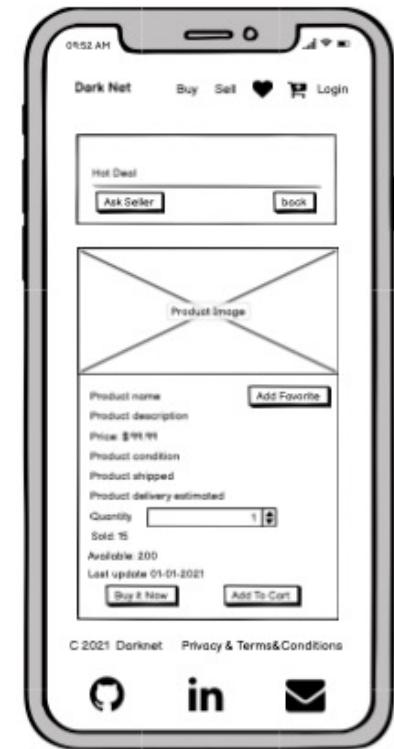
WIREFRAME – LANDING PAGE



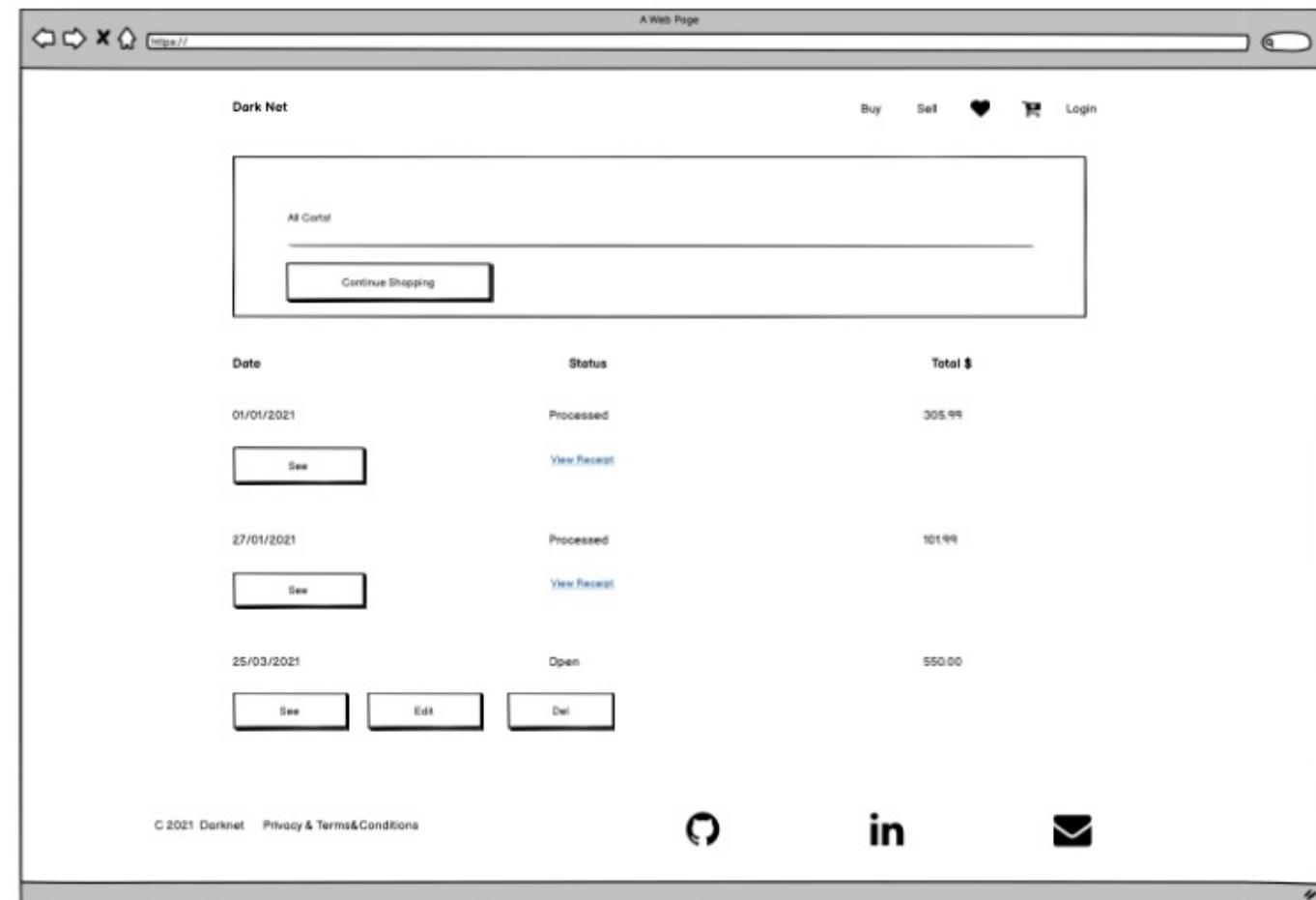
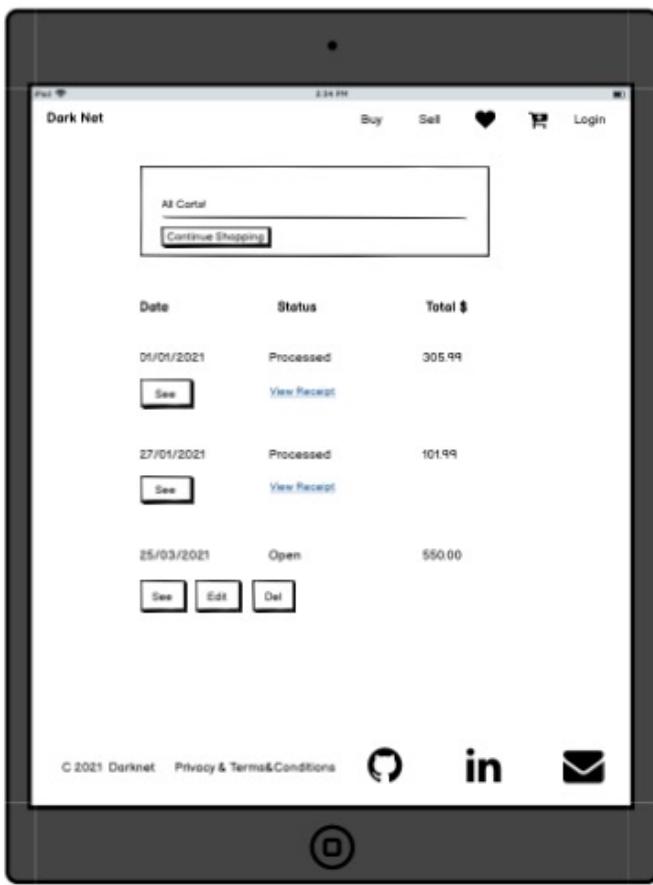
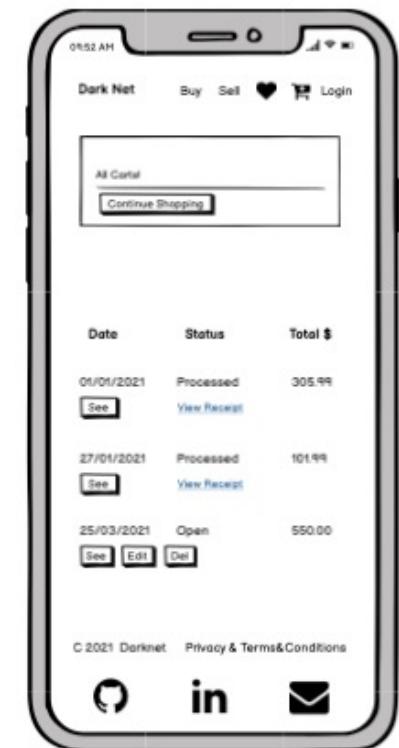
WIREFRAME – LISTINGS



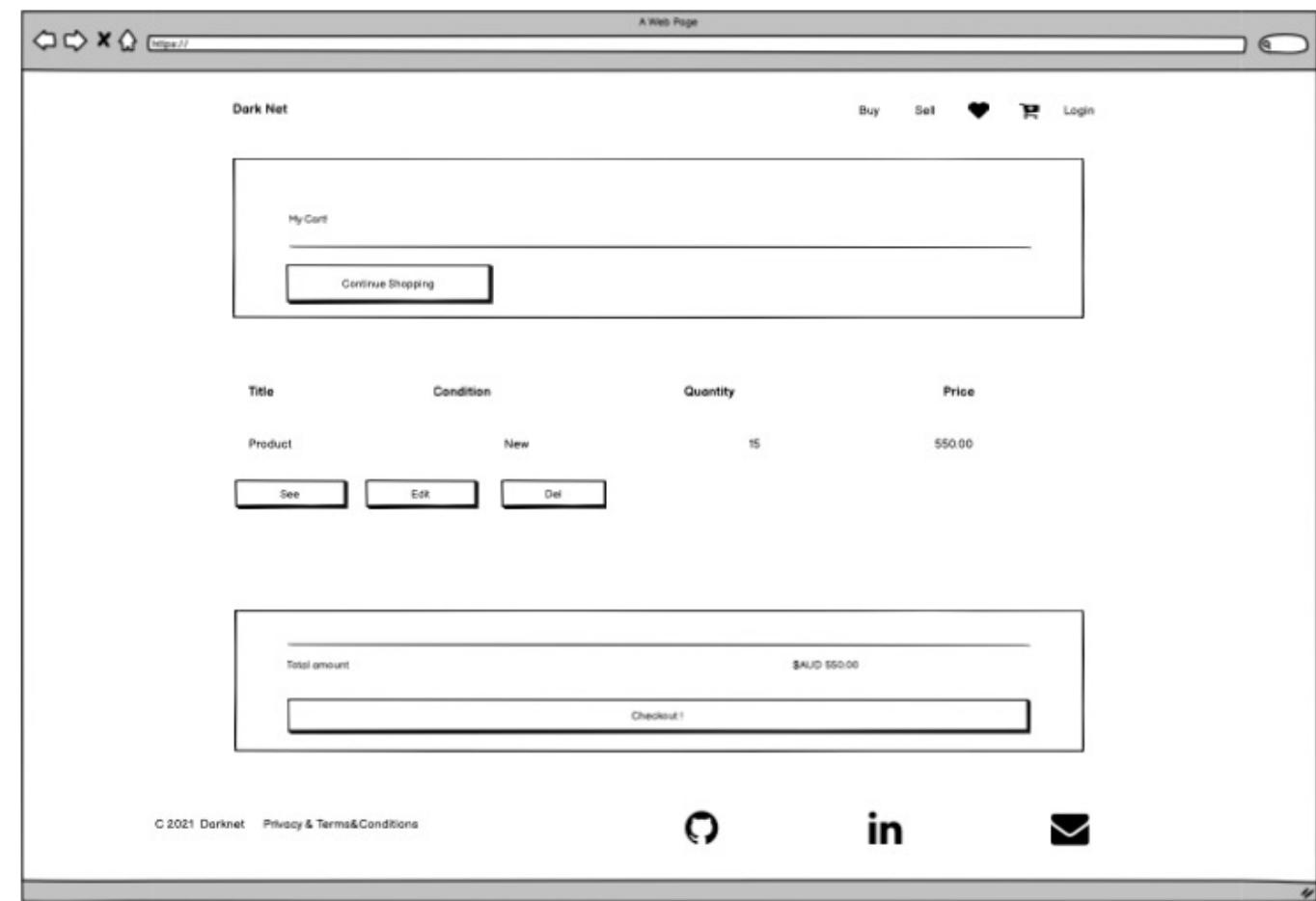
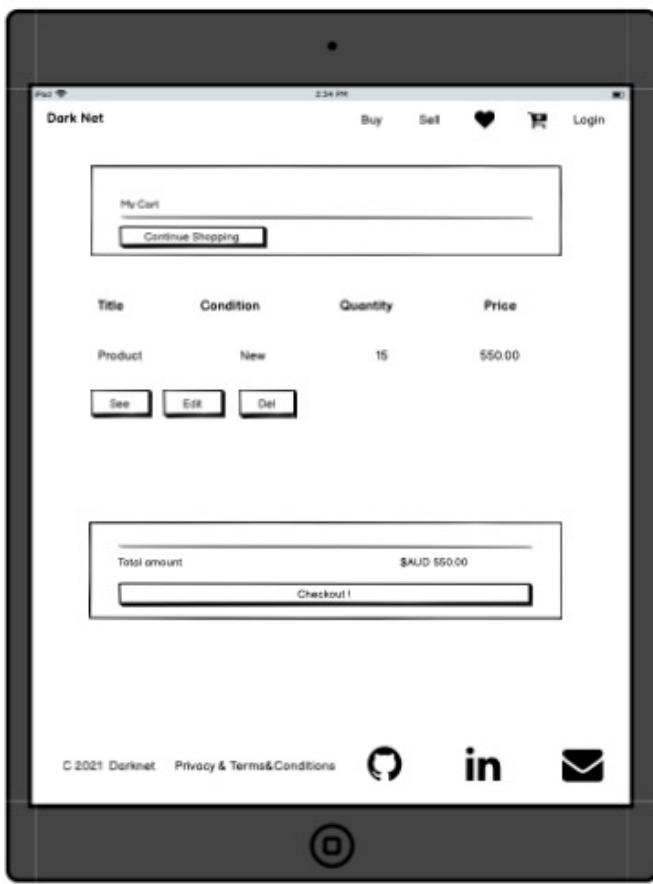
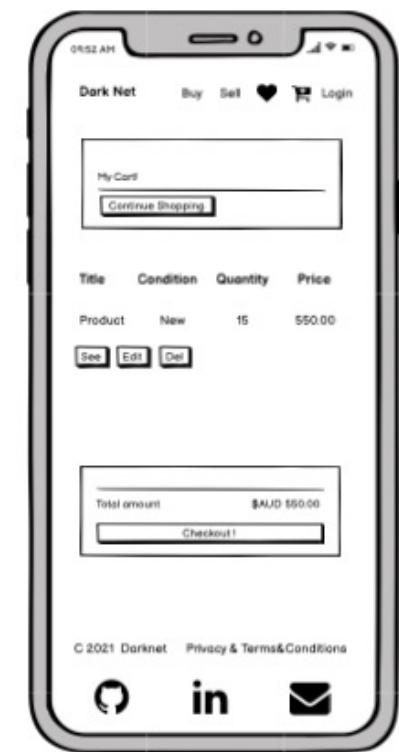
WIREFRAME – PRODUCT VIEW



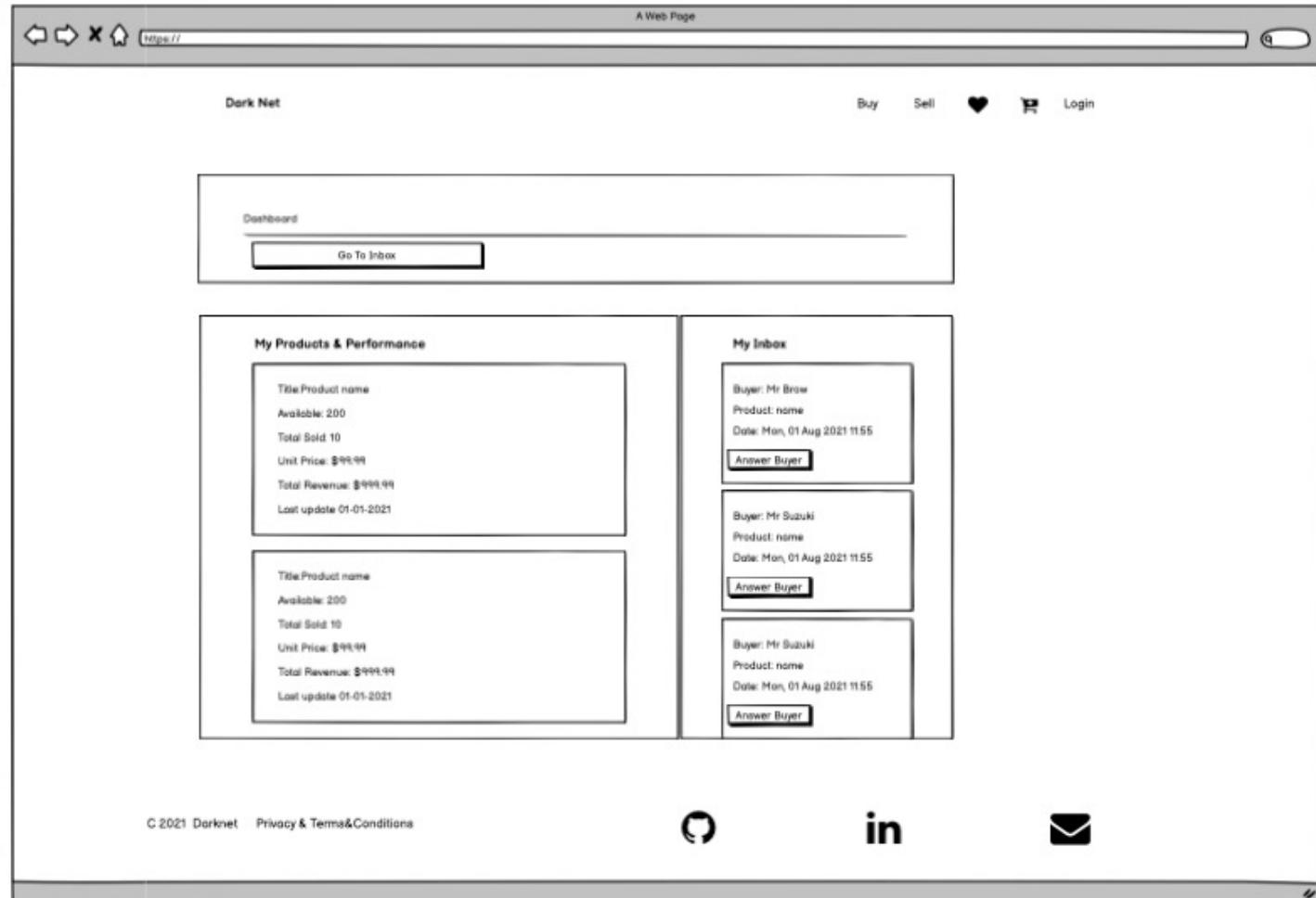
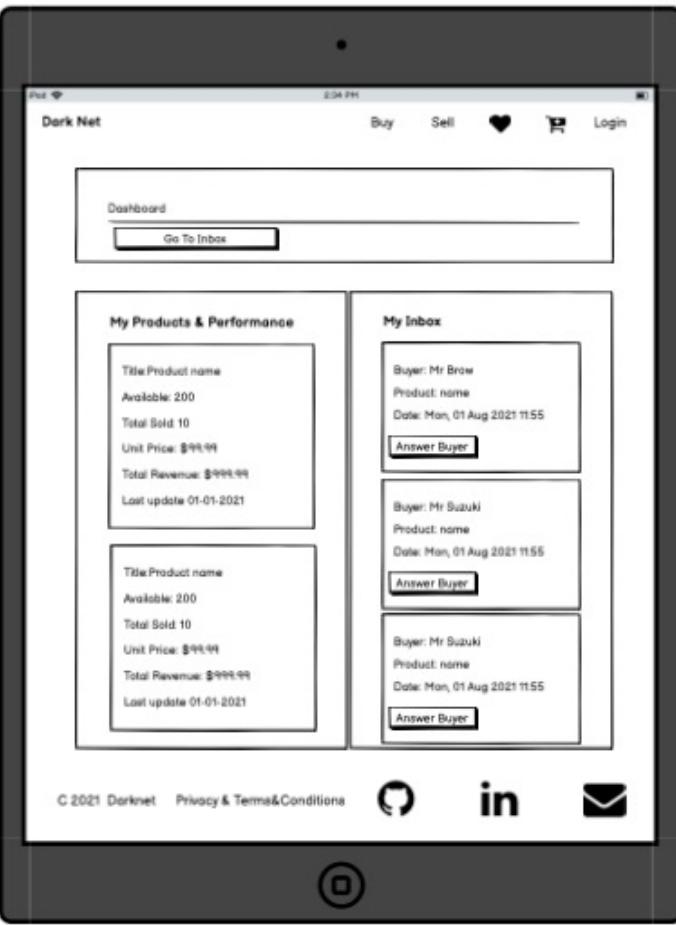
WIREFRAME – ALL CARTS



WIREFRAME – MY CART



WIREFRAME – DASHBOARD



TRELLO

trello.com/b/7DX2EpTe/marketplace

Boards Jump to... Trello Marketplace Trello workspace Free Public EN Invite Automation Show menu

This board is set to public. You can change its visibility at any time. [Learn more here](#)

Backlog

fixings

+ Add a card

TO DO

Presentation
+ Add a card

DOING

+ Add a card

DONE

+ Add another list

- Edit MyCart Item - page (Jul 22 - Jul 30) 2/2
- MyCart - page (5/5)
- Stripe (Jul 22 - Aug 5) 3/3
- Home page - View item (Jul 22 - Jul 30) 5/5
- MyFavorite Item list - page (Jul 22 - Aug 5) 3/3
- Success - page (Jul 22 - Jul 30) 2/2
- Devise and Login page (Jul 21 - Jul 30) 2/2
- Home page - Listings (Jul 22 - Jul 30) 3/3
- Landing Page with static image-active storage (Aug 3 - Aug 6) 2/2
- Searching, Sorting, filtering and (Aug 3 - Aug 6) 2/2

+ Add a card

MOCKUP – OVERALL AESTHETIC

- Decided to use no more than 3 colors for the theme focusing on light background (Dark Grey, Light Grey and white)
- Leaving the text to be black to contrast with light background and with white text where the theme background is dark.

COMPONENTS

- Listings
- Products
- Favorite List
- Cart list
- Cart
- Cart-items
- Shipping Info
- Message Seller
- Payment Confirmation
- Link Buttons
- Email Welcome
- Email Receipt
- Selling Products List
- Product
- Dashboard
- Inbox
- Message Buyer Link Buttons

DEVELOPMENT REVIEW

- Difficulties: Although the time frame and deadline of 2 weeks for designing and building this website was very challenging, making use of Git versioning control, AGILE approach and Trello cards made it easy and feasible.
- Ethical issues: To be covered on court dispute in case of web copyright breach, this website must be registered for copyright.
- Best Part: My favorite part was coding and implementing API's.



THANKS EVERYONE FOR WATCHING THIS
PRESENTATION !