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FUNZIES COLLECTIONS – CHANGE OF PROJECT

DATE

8th November 2023 – 12th January 2024

GITHUB

<https://github.com/Avida2C/Funzies>

PURPOSE AND TARGET AUDIENCE

DESCRIPTION

Funzies is an online shopping site perfect for collectors of all kinds and ages. It has a wide variety of collectibles, including intricate car models and well-liked Funko Pop figures. It's a great spot for anyone looking for special collectibles and unique gifts that will appeal to collectors and enthusiasts.

TARGET AUDIENCE

Funzies is tailor-made for collectors and hobby enthusiasts of all ages. It's ideal for those passionate about expanding their collection of unique items, such as detailed car models, Funko Pop figures, and other rare collectibles. Whether you're a seasoned collector seeking rare finds or a newcomer looking to start a collection, Funzies offers something for everyone. It's also perfect for gift-givers searching for that unique item to delight a friend or family member who loves collecting.

FUNCTIONALITY

Customer Reviews

Detailed Product Information

Wide Range of Collectibles

Easy Navigation and Search

Secure Online Purchases

SOFTWARE DEVELOPMENT LIFE CYCLE

I plan to adopt the Agile (Kanban) model in the software development lifecycle for its continuous flexibility and efficient task management in a dynamic environment, adapting to changing priorities and workloads to maintain organization and responsiveness. This model was chosen because it fosters collaboration, innovation, and rapid iteration, aligning with the core principles of design thinking. It supports continuous improvement and adaptation based on user feedback, making it highly user-centric and effective for developing solutions that truly meet user needs and preferences.

Several prominent companies are known for adopting the Agile model. Among the most well-known are Spotify, Amazon, Microsoft, and many others.

Spotify's embrace of the Agile model has allowed them to foster collaboration and innovation in their product development process. They prioritize cross-functional teams, decentralized decision-making, and a strong focus on feature development and delivery. By continuously adapting their platform to meet user demands and respond to market changes, Spotify has set a powerful example of how Agile methodologies can lead to user-centric, innovative solutions.

Amazon, another prominent adopter of Agile practices, uses this model to develop and deliver a wide range of software products and services. Their approach emphasizes iterating on features and making data-driven decisions. This iterative process enables Amazon to respond to changing market dynamics effectively. The Agile methodology's adaptability and responsiveness align with Amazon's customer-centric philosophy, reinforcing the practicality of Agile for our project.

Microsoft is known for incorporating Agile practices across various product teams and projects. They emphasize collaboration, iterative development, and user feedback, which aligns with our project's goals of creating an app that is responsive to user needs. Microsoft's experience showcases how Agile methodologies can be scaled and adapted to different project sizes and domains.

KANBAN AGILE PHASES

Kanban Agile follows several key phases, beginning with the creation of a backlog list, which helps in planning and prioritizing critical project features and tasks. This ensures that the most important features receive the highest priority.

Once the Kanban board is established, it provides a visual representation of task statuses and the number of pending tasks. This visualization facilitates efficient workflow management and sets limits on the number of tasks in each stage to prevent overloading the team, maintaining a steady workflow.

Key phases in the Kanban Agile model include:

Backlog Creation

Used to prioritize the essential features and tasks within the product backlog, ensuring that high-priority items receive attention.

Work in Progress (WIP) Limits

Used to help implement limits for tasks in each stage of the workflow, preventing any overload of tasks and ensure that the completion of current tasks before taking on new ones.

Continuous Improvement

Used for regularly reviews and refining of the workflow which in turn will help enhance efficiency and effectiveness. Feedback is going to be used to determine the necessary changes and process optimization.

TESTING AND PROJECT MILESTONES

Testing will be a continuous process throughout the development of the project, ensuring that the website's functionality and user experience meet the highest standards. Testing phases will be integrated into various milestones, enabling us to gather feedback and make necessary improvements at every stage of development.

Planning Document Completion (2 weeks)

The planning document, including a detailed sitemap, UML diagram, and IPO chart, will be finalized. This phase ensures a solid foundation for the web application, covering navigational structure, database design, and testing strategy.

Style Guide and Wireframes Development (1 week)

Development of a comprehensive style guide and wireframes for the web application. This step ensures that the visual design and user interface are well-planned before coding begins.

GitHub Repository Setup (30 minutes)

Establishment of a GitHub repository for the project. This setup facilitates version control and collaboration throughout the development process.

Prototype Development Using HTML5 and CSS3 (3 weeks)

Creation of a basic prototype of the web application using HTML5 and CSS3, based on the planning document. This prototype will include the essential layout and navigation as per the sitemap.

Database Setup Following UML Model (2 weeks)

Setting up the database structure as per the UML diagram. This involves creating tables, fields, and establishing relationships, ensuring the database aligns with the planned structure.

Core Web Application Functionalities Implementation (4 weeks)	Development of core functionalities like account management, product management, and order management. Ensuring these features are implemented and tested for efficiency and accuracy.
Additional Features Integration (3 weeks)	Integration of additional functionalities (e.g., Role Management, Wishlist, Shopping Cart) to enhance the application's capabilities, focusing on accumulating at least 6 points based on selected functions.
Prototype Testing and Refinement (1 week)	Comprehensive testing of the prototype to identify and resolve any issues. This phase is crucial for ensuring the prototype's functionality and user experience are up to standard.
Final Review and Documentation Update (1 week)	A thorough final review of the entire application and an update to all documentation to reflect the completed work. This step is essential for ensuring everything is in order before submission.
Project Submission to GitHub (1 day)	Finalizing and submitting the completed project to the public GitHub repository, along with all necessary documentation, including a detailed README.md file.
Tasks will be tracked on a Kanban board which will be created on Microsoft Planner, with columns for each stage of development. Each task will be a card moved across the board, reflecting its status.	

MARKETING RESEARCH

COMPETITOR ANALYSIS

While researching for the Funzies website, I came across various websites with features like what I had envisioned. The following websites represent a small portion of the many I have examined.

GAME BREAKER – [HTTPS://GAMEBREAKERMALTA.COM/](https://gamebreakermalta.com/)

GameBreaker Malta is an e-commerce platform that specializes in gaming and collectible products. This website boasts a wide variety of gaming merchandise, encompassing video games, gaming accessories, and collectibles, designed to meet the needs of both casual and hardcore gamers. Whether you're looking for the latest game releases or classic titles, GameBreaker Malta has you covered. The website is renowned for its comprehensive product descriptions, guaranteeing a user-friendly and immersive browsing experience for its visitors.

Game Breaker Malta's target audience primarily consists of individuals who have a passion for gaming and collecting. This audience is diverse, including people of various age groups, encompassing both younger and older gamers and collectors. The website is designed to serve a wide demographic that shares a mutual interest in gaming-related products and collectibles. It seeks to attract a diverse customer base with varying levels of engagement in gaming, catering to everyone from casual players to dedicated enthusiasts and collectors.

GameBreaker Malta provides a wide array of products, encompassing game consoles, video games, models, figurines, and an assortment of collectibles. Furthermore, their inventory encompasses gifts, electronics, and appliances, catering to a broader audience interested in technology. Additionally, the website offers smart devices, board games, clothing, and plushies, making it a one-stop destination for both gaming enthusiasts and collectors, as well as individuals interested in general tech and gaming-related apparel.

GameBreaker Malta distinguishes itself with a selection of exclusive gaming merchandise and collectibles, focusing on rare and limited-edition items. They offer a convenient service feature of same-day delivery for orders placed before 2 PM. Additionally, they enhance customer experience by providing free shipping on orders over 25 euros. This combination of unique

products and customer-friendly services constitutes their unique selling propositions in the competitive gaming market.

Gamebreaker's website features a cohesive design aligning with gaming and pop culture aesthetics. It showcases a dark background with red accents, a common theme in gaming-related sites, for a modern look. The prominently displayed Gamebreaker logo reinforces brand identity, resonating with the tagline "Where all gamers are welcome." The site uses high-quality images, particularly for Funko POP! items, to visually engage users. Its colourful and dynamic graphics are aimed at capturing attention and enhancing user interaction.

The Gamebreaker website is designed for user-friendly navigation. Its menu clearly organizes products into categories such as gaming, phones, and smart devices for quick browsing. The homepage effectively showcases special offers, like free delivery and a points system, enticing users to explore or buy. A conveniently placed search bar at the top of the page allows users to easily find specific items, enhancing the overall experience on the site.

GAMESPLUS MALTA – [HTTPS://GAMESPLUSMALTA.COM/](https://gamesplusmalta.com/)

GamesPlus Malta shines as a vibrant and dynamic e-commerce platform, specializing in a vast array of gaming and collectible items meticulously curated to cater to a wide spectrum of entertainment and hobby enthusiasts.

With an expansive vision in mind, the website diligently caters to a broad audience, embracing individuals ranging from young gamers and families to dedicated collectors and passionate hobbyists. This commitment ensures inclusivity and accessibility for individuals of all age groups and interests.

Their diverse product range spans from captivating board games and enlightening educational books to highly sought-after collectibles and coveted Funko items, complemented by an impressive selection of gaming accessories. This comprehensive selection ensures there's something to captivate the interest and passion of every individual.

The GamesPlus Malta website showcases a contemporary design coupled with a user-friendly layout that promotes intuitive navigation. Its cohesive colour scheme of red, black, and white

perfectly aligns with the gaming and entertainment theme, creating a visually engaging experience. The site is thoughtfully structured into distinct categories, including Board Games, Books, Cables & Accessories, Collectibles & Figures, Funko, Games Workshop, and G Fuel, providing customers with a seamless way to find their desired products effortlessly.

GamesPlus Malta's unique selling proposition (USP) is rooted in its expansive product offering, complemented by a customer-centric policy of providing free delivery on orders totaling over 50 euros within Malta. This strategic approach firmly establishes GamesPlus Malta as the preferred destination for both gamers and collectors, setting it apart in the market.

GAMERZONE MALTA – [HTTPS://WWW.GAMERZONEMALTA.COM/](https://www.gamerzonemalta.com/)

GamerZone Malta stands out as a dedicated e-commerce hub, catering to a wide-ranging selection of video games, collectibles, and trading card games, making it a compelling choice for enthusiasts within the gaming and pop culture community.

The platform is designed to cater to a diverse range of customers, spanning from young gamers and anime enthusiasts to passionate collectors of memorabilia from various popular franchises.

Their extensive offerings encompass a variety of gaming consoles, a wide array of Funko Pop! figures, and an impressive selection of collectibles from major franchises like Marvel, DC Comics, and Disney. Additionally, they offer an extensive collection of trading card games to satisfy the diverse interests of their customers.

GamerZone Malta sets itself apart with its customer-centric services, which include complimentary local delivery for orders surpassing 25 euros and efficient international shipping facilitated by DHL Express. A standout feature is their live chat support, offering immediate assistance and elevating the overall customer experience.

The design of the GamerZone Malta website appears dated and lacks responsiveness, which can be a notable drawback in today's mobile-centric web environment. Its layout and navigation don't appear to adapt seamlessly to various screen sizes, potentially compromising the user experience, especially on mobile devices. Enhancing the website's responsiveness and giving it

a modern update could significantly improve usability and appeal, particularly among a tech-savvy audience with an interest in gaming and entertainment.

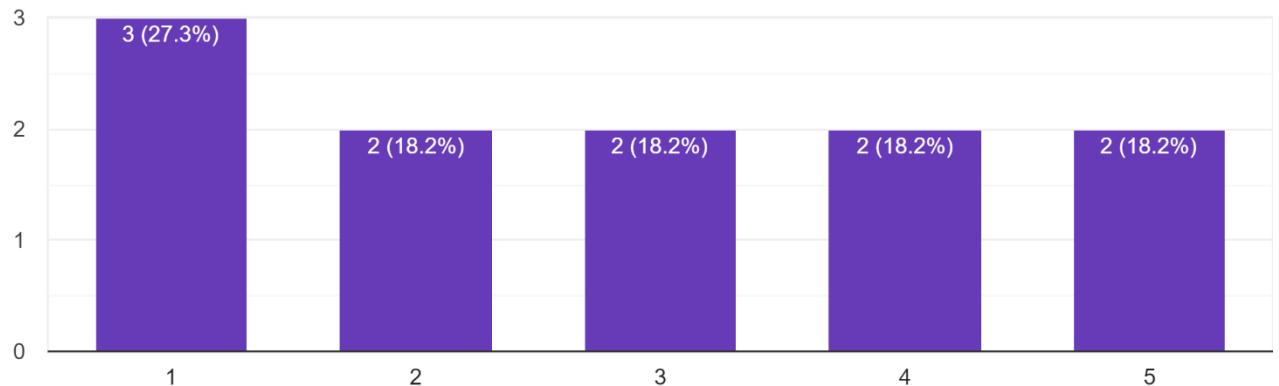
GATHERING USER FEEDBACK - QUESTIONNAIRE

To enhance the website's development, I have conducted questionnaires aimed at gathering feedback and insights. These questionnaires were designed to collect detailed information from users, focusing on their experiences and suggestions for improvement. This research approach has been crucial in understanding the needs and preferences of the website's audience, enabling more informed and targeted updates to the website's design, functionality, and content.

USER FEEDBACK ANALYSIS

This analysis provides valuable insights into comprehending consumer behaviour within the realm of e-commerce, particularly emphasizing online shopping preferences and experiences.

HOW OFTEN DO YOU SHOP ONLINE?



The responses reveal a wide spectrum of shopping frequencies, with a noteworthy portion (27.3%) indicating very frequent online shopping (rated as 5), indicating a substantial preference for e-commerce among the participants.

ARE THERE SPECIFIC TYPES OF COLLECTIBLES YOU ARE MOST INTERESTED IN? (E.G., CAR MODELS, FUNKO POP FIGURINES, VINTAGE ITEMS)

Participants exhibit a range of interests, encompassing vintage items, limited-edition books, anime merchandise, and gaming products. This diversity mirrors the broad spectrum of consumer preferences within the collectibles market.

WHEN VISITING A WEBSITE THAT SELLS COLLECTIBLES, WHAT KIND OF DESIGN AND LAYOUT DO YOU PREFER?

Rich in graphics and interactive elements

Simple and straightforward without overwhelming elements

reflecting the products sold

dynamic layout

Functional with a focus on user experience

colorful and anime-themed

well organized

Dynamic and interactive

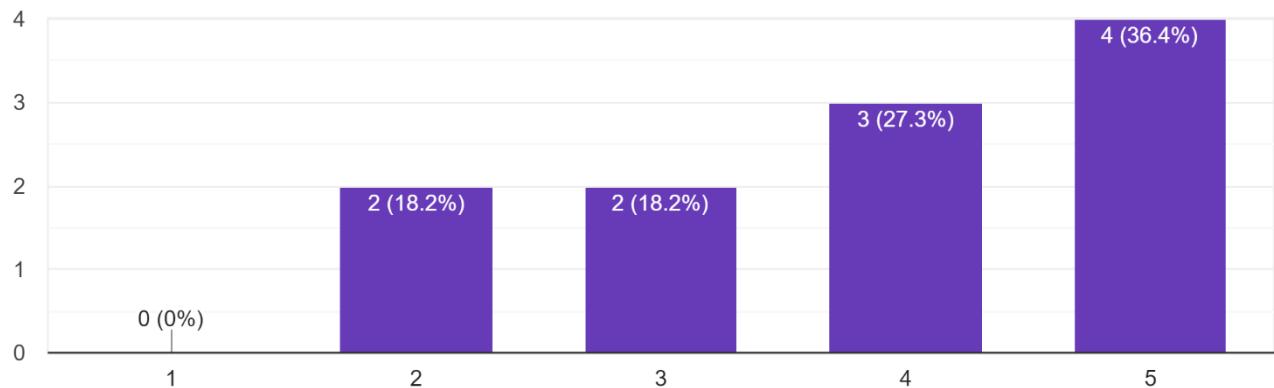
Fun and engaging

The preference for user-friendly, minimalist designs was clear, emphasizing ease of navigation and functionality. This indicates a strong desire for efficient and accessible online shopping experiences.

WHAT FEATURES DO YOU FIND MOST ESSENTIAL ON A WEBSITE? (E.G., DETAILED PRODUCT IMAGES, AUTHENTICITY GUARANTEES)

High-resolution product images and customer reviews were identified as essential factors. Furthermore, an uncomplicated checkout process and transparent pricing were highly regarded, underscoring the significance of transparency and user convenience in the realm of e-commerce.

HOW WOULD YOU RATE THE IMPORTANCE OF DETAILED PRODUCT INFORMATION?

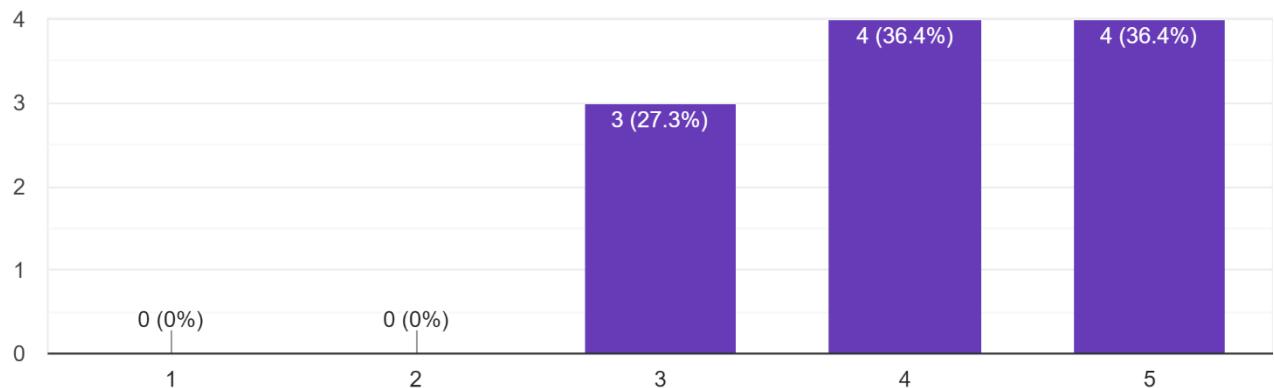


Comprehensive product information holds significant value, with 36.4% rating its importance as 4 out of 5. This underscores the need for thorough product descriptions in the context of online shopping.

HOW DO YOU DETERMINE THE CREDIBILITY OF AN ONLINE STORE?

Customer reviews and secure payment options were the factors most frequently mentioned when evaluating a store's credibility, underscoring the critical role of trust and security in online transactions.

HOW IMPORTANT IS WEBSITE SECURITY AND BRAND TRUST TO YOU WHEN SHOPPING ONLINE?



Security and brand trust take centre stage, as a significant majority rates their importance as 4 or 5. This highlights the pivotal role that robust security measures and a strong brand reputation play in the landscape of e-commerce.

WHAT CHALLENGES OR FRUSTRATIONS DO YOU FACE WHEN PURCHASING ONLINE?

Prominent challenges encompass hurdles in gauging product quality and apprehensions regarding shipping expenses and return procedures. These findings indicate potential areas for enhancement within online shopping platforms.

WOULD YOU BE INTERESTED IN COMMUNITY FEATURES ON A COLLECTIBLE SITE, LIKE FORUMS OR DISCUSSION BOARDS? WHY OR WHY NOT?

Responses regarding community features such as forums were varied, with some participants expressing enthusiasm for sharing their experiences, while others favored a more straightforward shopping experience.

IS THERE ANYTHING ELSE YOU WOULD LIKE TO SEE ON AN E-COMMERCE PLATFORM?

Interactive product demonstrations

Efficient search tools

more information on product

recommendations and comparison tools

Loyalty rewards and discounts

Anime-related news

an interactive car model gallery, where I would be able to select the model I would like to purchase

Latest gaming news and updates

latest news and event schedules

Recommendations encompassed various aspects, including the desire for more personalized product suggestions, improved customer service, and interactive product demonstrations. These suggestions reflect a shared aspiration for increased user engagement and greater accessibility to information.

USER PERSONAS

Online Shopping Frequency

Once a month

Interests

Car models

Device Preference

Desktop

Website Preference

Professional, organized



Carl, 45

Engineer

Challenges

Verifying item condition

Website Expectations

High-resolution images, size specifications

Community Engagement

Interested in sharing tips

Additional Desires

Interactive car model gallery

Online Shopping Frequency

Quite Often

Interests

Anime figurines, manga series, and related merchandise

Device Preference

Tablet

Website Preference

Anime-centric, vibrant with manga and anime artwork



Annie, 22

University Student

Challenges

Finding authentic merchandise and limited edition releases

Website Expectations

Character bios, anime news, high-quality images

Community Engagement

Interested in sharing tips

Additional Desires

Interested in sharing reviews and anime discussions

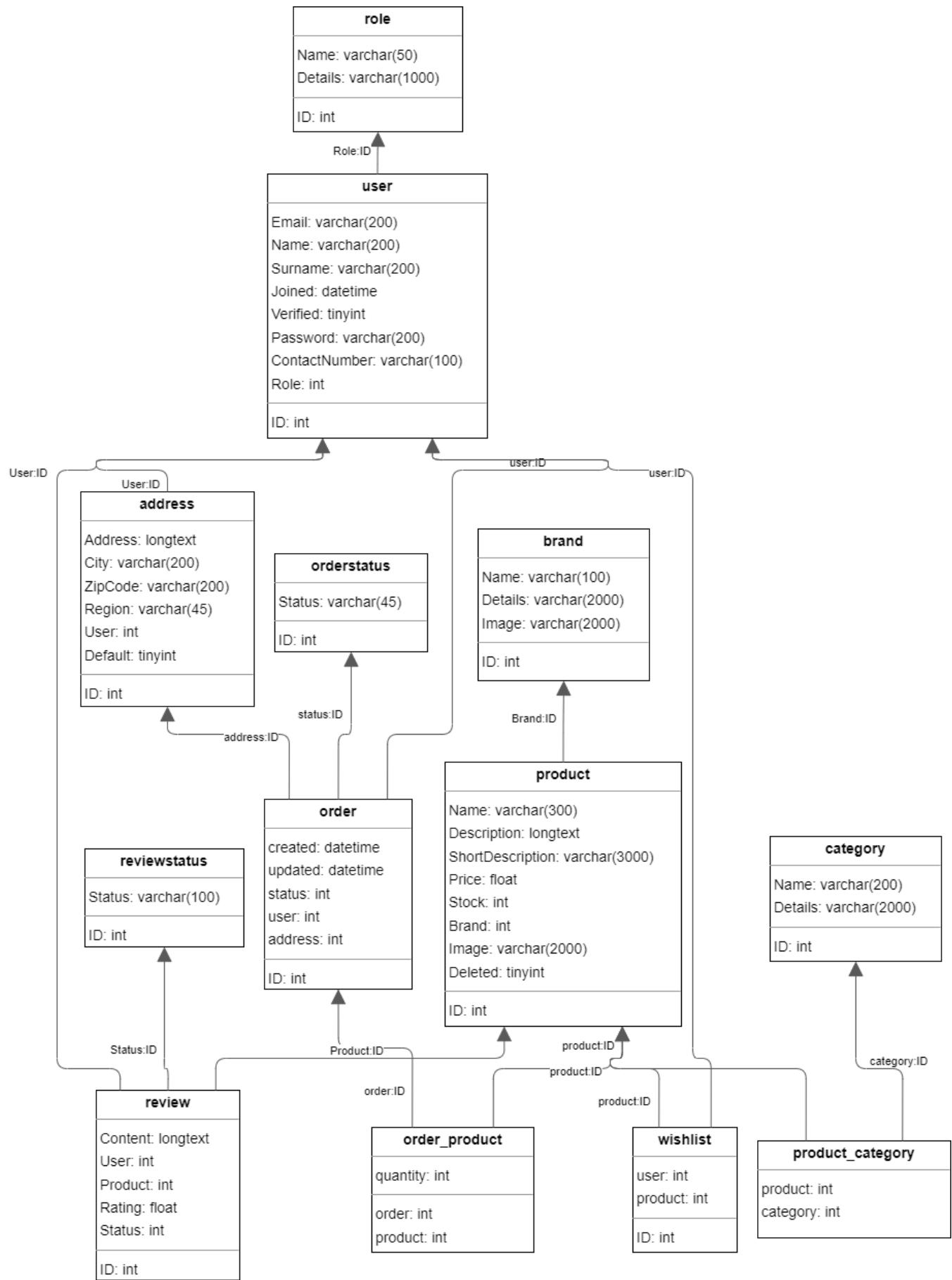
Online Shopping Frequency		Challenges
Frequently		Keeping up with new releases and exclusives
Interests		Website Expectations
Funko Pop figurines and pop culture items.		Latest releases, celebrity endorsements, exclusive items
Device Preference		Community Engagement
Smart Phone		Interested in discussing trends and new collections
Website Preference	Mia, 30 Marketing Manager	Additional Desires
Fun and colorful, reflecting pop culture vibrancy		Notifications on newly released products

TECHNICAL DOCUMENTATION

FEATURES

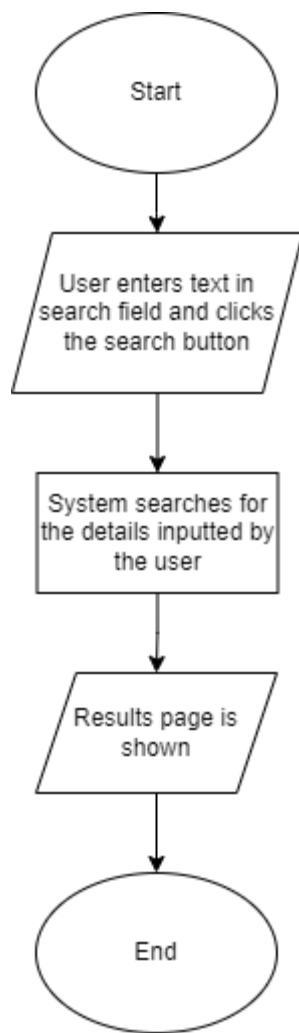
Feature	Description
User-Friendly Design	Intuitive and easy-to-navigate design to ensure a pleasant shopping experience for all users.
Search and Filter Options	Advanced search functionality with a variety of filters, enabling users to effortlessly locate the products they seek.
Shopping Cart	Virtual shopping cart which allows customers to add and manage their selected products before making a purchase.
Customer Accounts	Personal accounts where customers can manage their information, view order history, and track current orders.
Mobile Responsiveness	Mobile-friendly website that adapts to different screen sizes for a consistent shopping experience across devices.
Wish Lists	Enabling customers to save products they are interested in but are not ready to purchase immediately.
Customer Service via Contact Us	Customers can access support services through the website's Contact Us form or by directly calling the phone number indicated on the contact us page, ensuring convenient and reliable assistance for any inquiries or issues.
Social Media Integration	Links to social media platforms for marketing and customer engagement.

UML DIAGRAM

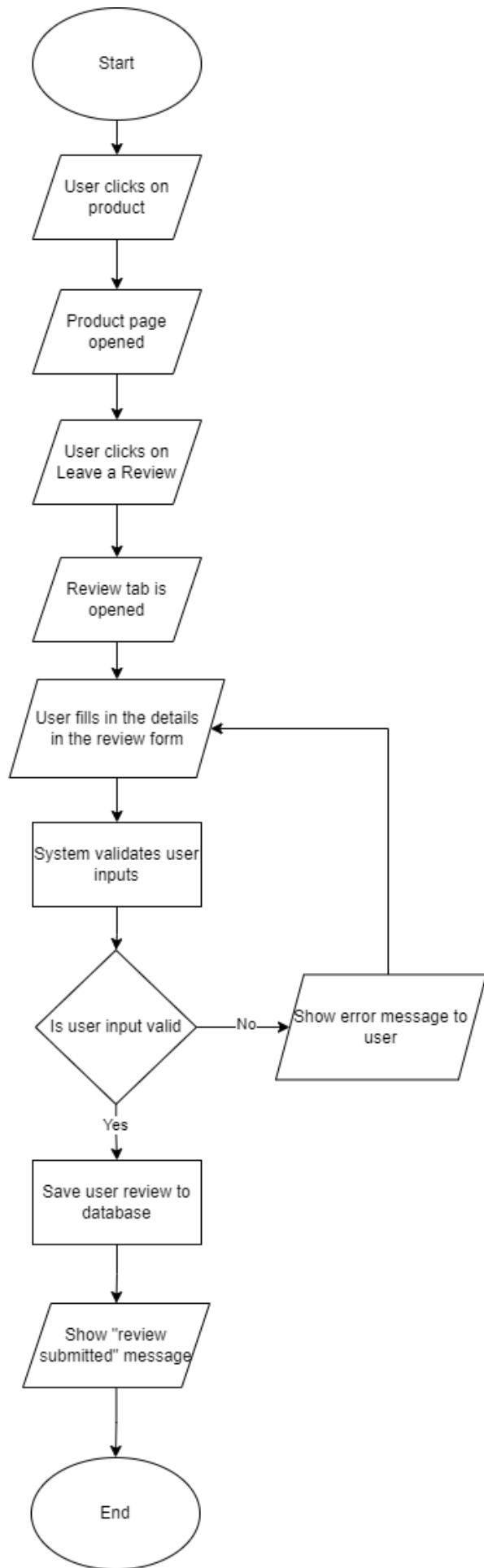


FLOWCHARTS

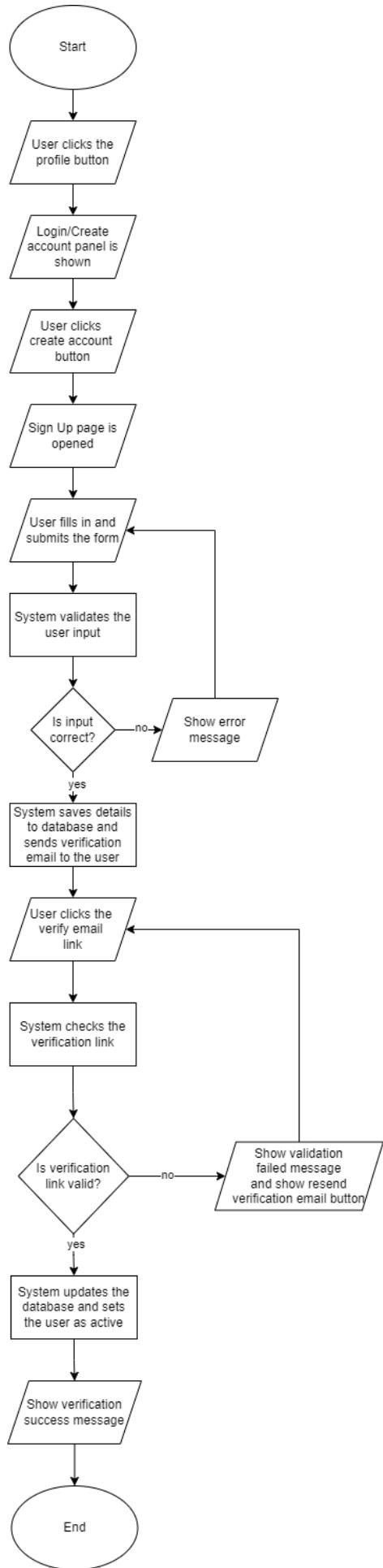
SEARCH BAR



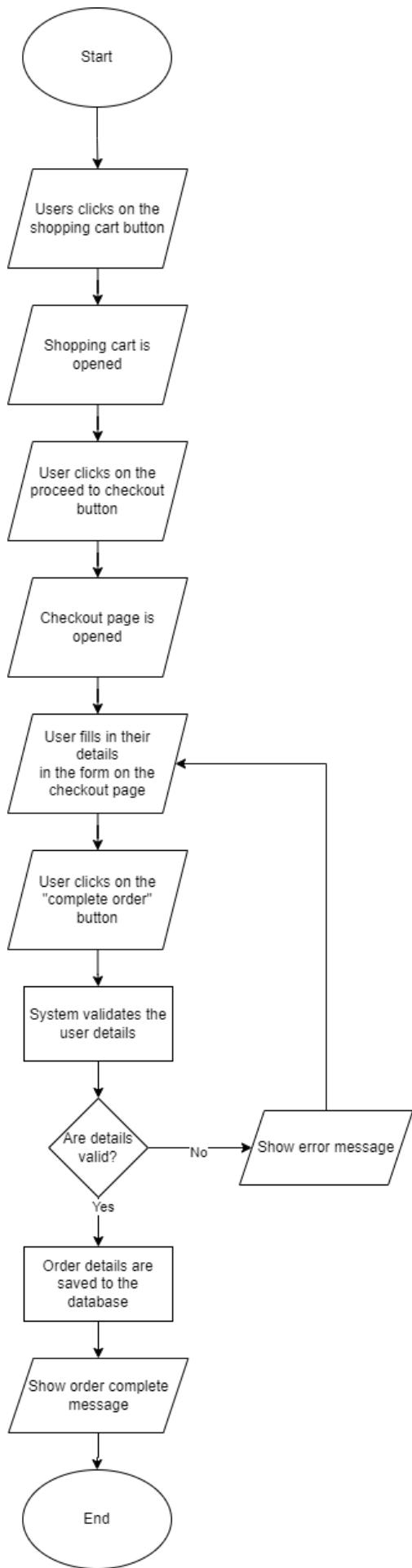
ADD REVIEW



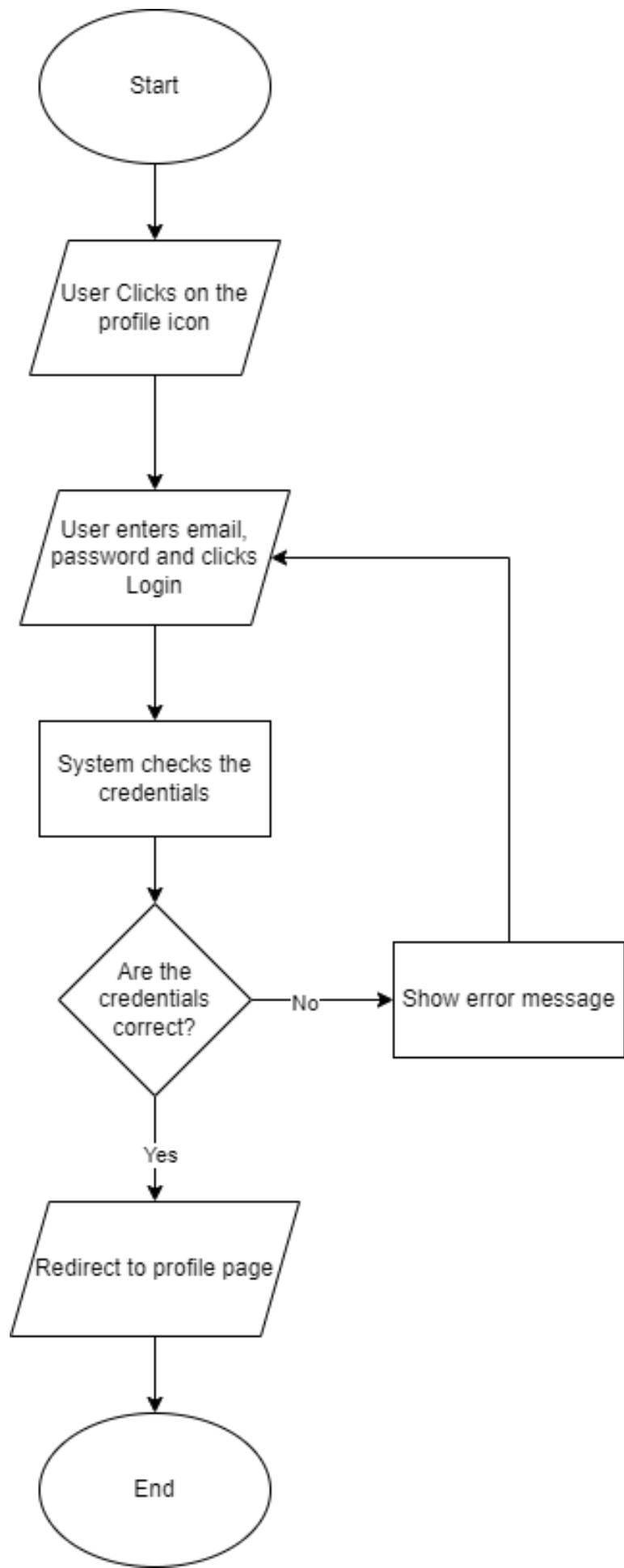
USER REGISTRATION



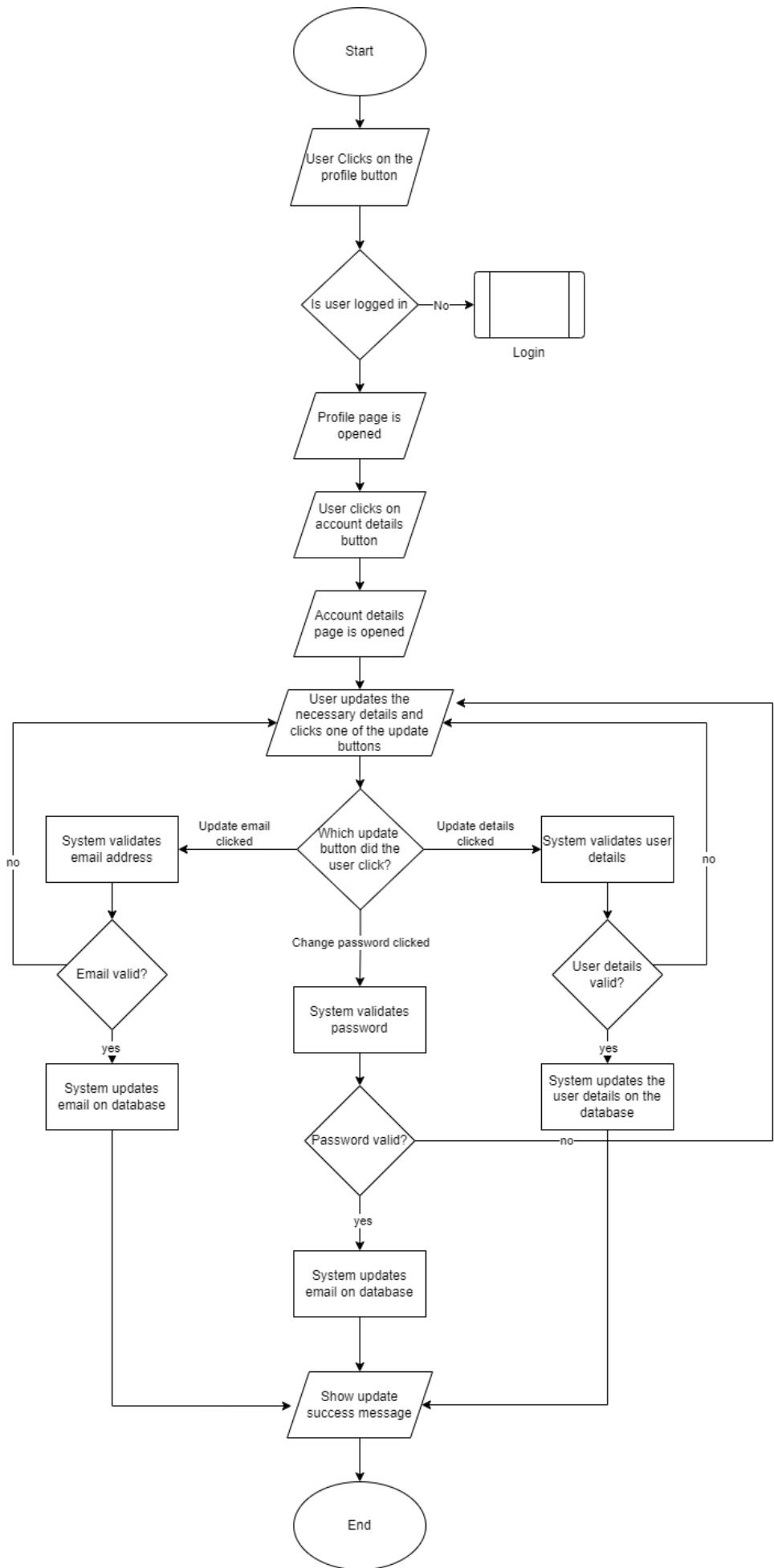
CHECKOUT



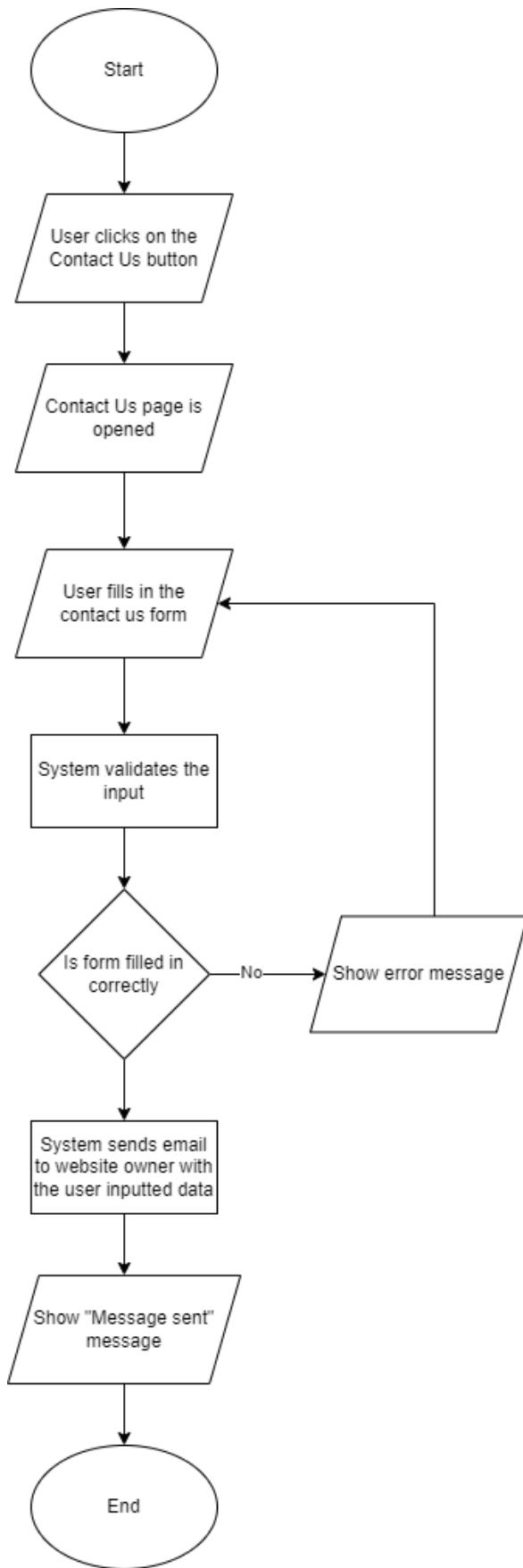
LOG IN



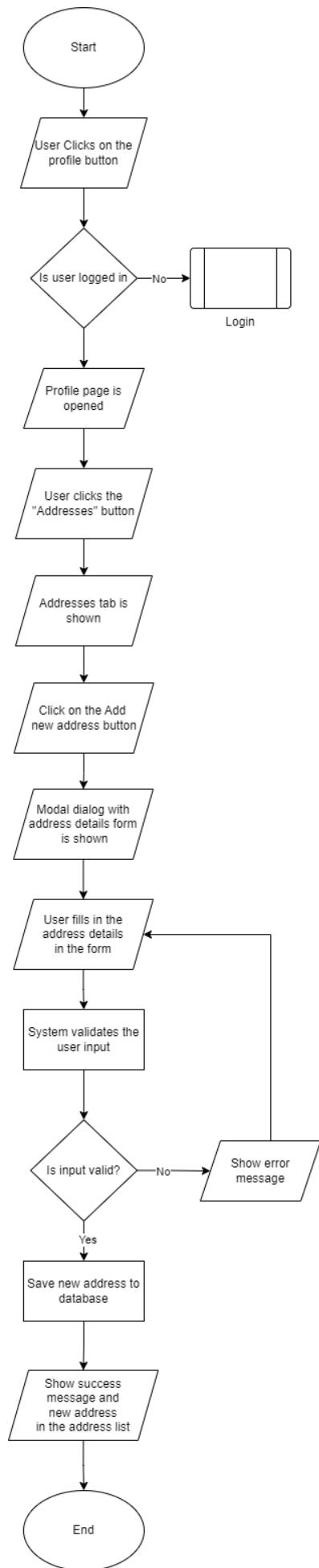
CHANGE DETAILS



CONTACT US

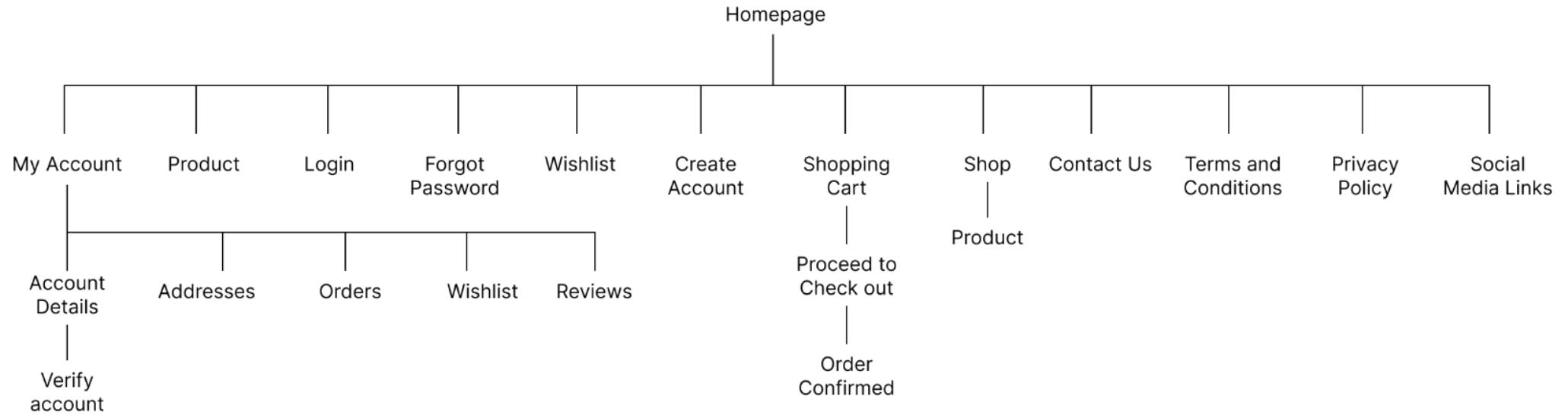


ADD NEW ADDRESS

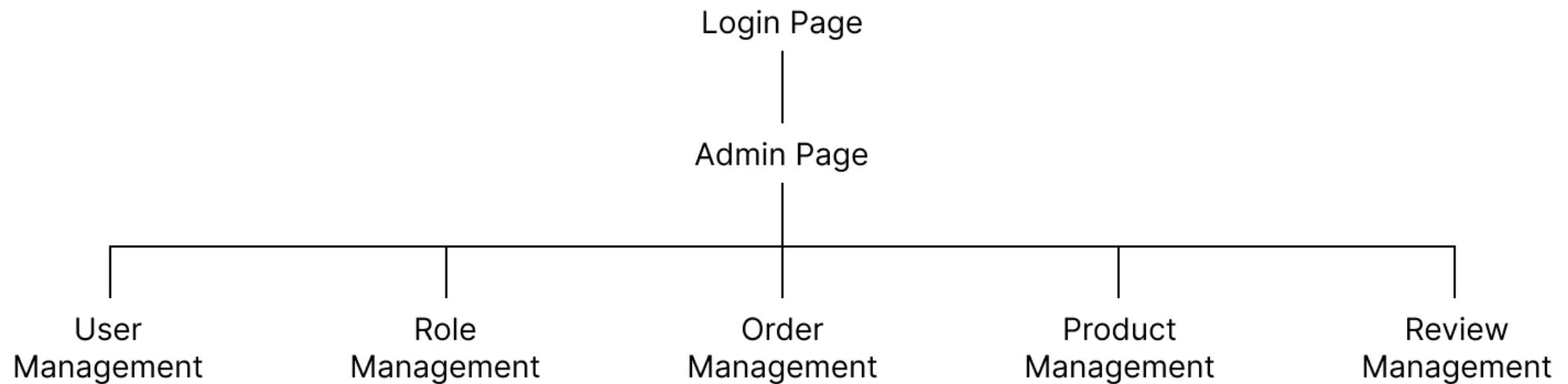


SITE MAP

FUNZIES SITE MAP



FUNZIES ADMIN SITE MAP



WEBSITE CONTENT PLAN

USER ROLES

Administrator	Has access to all the information related to the store.
Employee	Has limited access to the information related to the store. (Products, Categories, Brands)
Customer	Has access to the main website only.

CATEGORIES

Board Games	Collectibles and Figurines	Plushies
Playing Cards	Merchandise	Miscellaneous
Models	Gifts	

BRANDS

Lego	Burago	Funko Pop
Maisto	Playmobil	Mattel
Minecraft	Pokémon	Nintendo

REVIEW STATUS

Approved	Awaiting Approval	Disapproved	Awaiting Customer Response
----------	-------------------	-------------	----------------------------

ORDER STATUS

Order Received	Processing	Cancelled
Awaiting Customer Response	Awaiting Payment	Payment Received
Shipped	Delivered	

DESIGN DOCUMENTATION

STYLE GUIDE

Log In	Add to Cart	Move to Cart	#F03B3B									
Board Games	Collectibles	Figurines	Models	Puzzles	Plushies							
Description	Customer Reviews	Leave a Review	#2BA600									
<input type="text"/>	<input type="text"/>	<input type="text"/>	Category 01 43	More Products >								
Email Address:	<input type="text"/>	Sort by popularity ✓	Submit	#148EFF								
Password:	<input type="text"/>	Order Details	Edit	Delete								
		Cancel Order	Add New Address	#535353								
Log In	Processing	Out of Stock	In Stock	VERIFIED	UNVERIFIED							
<input type="checkbox"/> Remember Me	Forgot Password?	Shipped	Delivered	Add to Wishlist	#2D2D2D							
		Sans -Serif 20px										
		Sans -Serif 16px										
												

WIREFRAMES

Figma <https://www.figma.com/file/qceHR5dql9TEkKoJb4SxU8/PHP?type=design&node-id=56%3A115&mode=design&t=1OaFRS5qQwzRQYx0-1>

funzies
collection

CATEGORIES SHOP HOME CONTACT US

Shop by Categories

Board Games Collectibles Figurines Models Puzzles Plushies

New Arrivals More Products >

Hopefully... Soon
Coming Soon - Info
Unavailable
\$0.00

Add to Cart Add to Wishlist

Hopefully... Soon
Coming Soon - Info
Unavailable
\$0.00

Add to Cart Add to Wishlist

Hopefully... Soon
Coming Soon - Info
Unavailable
\$0.00

Add to Cart Add to Wishlist

Hopefully... Soon
Coming Soon - Info
Unavailable
\$0.00

Add to Cart Add to Wishlist

Help & Support
Contact Us
Terms & Conditions
Privacy Policy

Find Us

Copyright © 2023 Funzies Collection. All Rights Reserved.

Log In X

Email Address:

Password:

Remember Me [Forgot Password?](#)



No Account Yet?
[Create Account](#)

Shop by Categories

[Board Games](#)[Collectibles](#)[Figurines](#)[Models](#)[Puzzles](#)[Plushies](#)

Showing 9 out of 100 Products

Sort by popularity ▼

Product Categories

Board Games

43



Board Games

43



Board Games

43



Board Games

43

Hopefully... Soon

Hopefully... Soon

Hopefully... Soon

Board Games

43

Coming Soon - Info
Unavailable

Coming Soon - Info
Unavailable

Coming Soon - Info
Unavailable

Board Games

43

\$0.00

\$0.00

\$0.00

Board Games

43

Add to Cart

Add to Cart

Add to Cart

Board Games

43

Add to Wishlist

Add to Wishlist

Add to Wishlist

[Home](#) / [Category](#) / Coming Soon - Info Unavailable



Hopefully... Soon
Coming Soon - Info Unavailable

\$0.00

Exciting things are on the horizon! Something amazing is in the works, and it's 'Coming Soon' to our shop. We can't reveal all the details just yet, but we promise it's going to be a game-changer. Stay tuned for updates, and be the first to discover this incredible product when it drops. Get ready for a whole new experience - coming soon!

[Add to Cart](#)

[Add to Wishlist](#)

[Description](#)

[Customer Reviews](#)

[Leave a Review](#)

Exciting things are on the horizon! Something amazing is in the works, and it's 'Coming Soon' to our shop. We can't reveal all the details just yet, but we promise it's going to be a game-changer. Stay tuned for updates, and be the first to discover this incredible product when it drops. Get ready for a whole new experience - coming soon!

Sign Up

Username:

Email:

Password:

By clicking Sign Up, you are agreeing to our [Terms and Conditions](#).

Sign Up

Ready to dive into the treasure trove? Unearth the world of collectibles! Whether you're itching to discover hidden gems or expand your cherished collection, just spill the beans, and we'll whisk you away on this electrifying journey. Fret not, we'll only ask for the must-haves to make your collectibles escapade sizzle!

Log In

Log In

Email Address:

Password:

Log In

Remember Me

[Forgot Password?](#)

Sign Up

Ready to dive into the treasure trove? Unearth the world of collectibles! Whether you're itching to discover hidden gems or expand your cherished collection, just spill the beans, and we'll whisk you away on this electrifying journey. Fret not, we'll only ask for the must-haves to make your collectibles escapade sizzle!

Get in Touch

First Name:

Last Name:

Email:

Subject:

Message:

Send Message

 Funzies Collection, 1346,
Lynn Avenue, Triq
Funk, San Pawl il-Baħar,
SPB0011

 +35612345678

 example@email.com

Opening Hours

Monday	9:00 - 19:00
Tuesday	9:00 - 19:00
Wednesday	9:00 - 19:00
Thursday	9:00 - 19:00
Friday	9:00 - 19:00
Saturday	9:00 - 19:00
Sunday	9:00 - 19:00

Account

Profile Overview

Account Details

Address

Orders

Wishlist

Sign Out

Profile Overview

User Name

Joined: 2023-12-16

Default Shipping Address

Firstname Lastname

no., street,

town/city

zipcode

country

Account

Profile Overview

Account Details

Address

Orders

Wishlist

Sign Out

Account Details

First Name:

User

Last Name:

Name

Mobile Number:

00000000

Update Details

Email Address:

email@email.com

Update Email

Current Password:

New Password

Confirm New Password

Change Password

Account

Profile Overview

Account Details

Address

Orders

Wishlist

Sign Out

Addresses

Your Addresses

(Default)

Firstname Lastname

no., street,

town/city

zipcode

country

Edit

Delete

Add New Address

Account

Profile Overview

Account Details

Address

Orders

Wishlist

Sign Out

Orders

Your Orders

Order #11110

Cancelled

Date: Dec, 29, 2023



Order Details

Account

Profile Overview

Account Details

Address

Orders

Wishlist

Sign Out

Wishlist



Hopefully... Soon

Coming Soon - Info
Unavailable

\$0.00

Add to Cart

Remove from Wishlist



Hopefully... Soon

Coming Soon - Info
Unavailable

\$0.00

Add to Cart

Remove from Wishlist

SOFTWARE DEVELOPMENT – DESIGN AND NAVIGATION

Having successfully completed the initial phase of my project, which entailed coding, designing, and navigating the website, I proceeded to conduct user testing to gather valuable insights and feedback on the usability and aesthetic appeal of the website's design and navigation features. By examining each response, I gained insights into user perceptions, design elements that caught their attention, and their suggestions for improvement. This feedback is instrumental in guiding our efforts to optimize the user experience and ensuring that the website not only meets but excels in fulfilling user needs and expectations.

USER TESTING AND FEEDBACK

WHAT WAS YOUR INITIAL REACTION TO THE WEBSITE'S DESIGN?

Pretty simplistic and minimalist. Easy to navigate

Simple and functional, with a clear layout for easy navigation.

Clean and straightforward

Minimalist design

design is efficient

Simple and interface is immediately obvious and easy to understand and navigate

Red!

Great overall aesthetics, seems a great starting point/prototype for something that can be used professionally.

Very red and quite cluttered with navigation areas

Initial impressions of the design indicate a dominant perception of it being minimalist and user-friendly, with a majority highlighting its simplicity and ease of navigation. However, divergent views exist, with some users finding the simplicity too mundane and calling for more creative flair, and mixed reactions to the colour red, which is seen by some as a standout feature and by others as contributing to a cluttered appearance. Common themes among respondents describe the design as simple, minimalist, clean, and easy to navigate, while unique observations include mentions of the colour red and the design's suitability for professional use. Areas of concern raised by some users include the design's overly simplistic nature and a perception of clutter.

WHICH ELEMENT OR FEATURE CAUGHT YOUR ATTENTION FIRST?

The cards and carosel

The "Coming Soon" signs on the items.

The carousel feature is quite noticeable

Main menu stood out first

product items on the homepage

Categories

Categories

The simplicity yet effective colour scheme of the design.

The "Shop by categories" red category buttons under the banner

The website's elements, including the carousel feature, "Coming Soon" signs, and product categories, successfully capture user attention with their variety. However, the diverse responses suggest a need for a more cohesive focal strategy to guide the user experience more effectively, as there isn't a single standout feature dominating user engagement.

WHAT ARE YOUR THOUGHTS ON THE WEBSITE'S COLOUR SCHEME AND OVERALL VISUAL LAYOUT?

Good contrasts and overall scheme . Perfect for someone who is colourblind

Red + white background could be improved a little bit

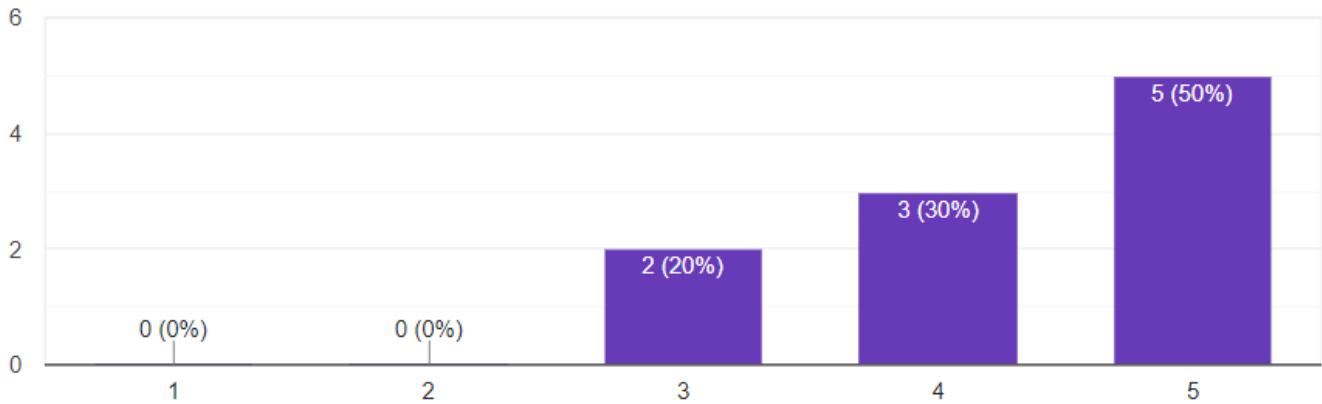
Colour scheme is great, white/light grey as background with red/black on the fore front for contrast. For layout I would personally opt for a gradual decrease in width from top to bottom whilst also decreasing the size of the banner all together. I also noticed that the items/listings may be a bit big and spaced too far from each other, it seems that more items can be shown per page whilst still possible to maintain that clean uncluttered look.

It has a LOT of contrast which makes it hard to find what I am looking for. The only thing that is hard to find is the main menu on the top, because all the red stuff are supressing it a lot. It is a bit odd that the main categories are both accessible from the main content area and the hamburger menu. The "big banner" in the middle of the home screen is rather large, on my regular work monitor it pushed the meaningful content out of the window. Because of that, I had to scroll, which is not ideal.

Color scheme is simple and appealing. I find the visual layout clean and easy to follow. It feels very natural to navigate around.

The website's minimalist colour scheme, featuring prominent red and white tones, receives mixed reviews for its clarity and aesthetic appeal. While some users appreciate the simplicity and contrast, others call for more vibrancy and distinctiveness. There's a consensus for a more dynamic layout, especially for mobile optimization, with suggestions to better balance colours and space. Overall, the feedback highlights a need for more distinctive and balanced visual elements.

HOW EASY DID YOU FIND THE NAVIGATION THROUGH THE WEBSITE?



The navigation experience on the website is highly regarded, receiving favourable usability scores from most users. This suggests that while the aesthetic elements might need refining, the functional design, particularly in terms of navigation, is well-executed. The scoring pattern, with most users rating navigation ease at 3 or above and half awarding the highest score of 5, indicates that the website excels in user-friendliness. This reflects a clear strength in the website's overall usability, despite any criticisms of its design.

WHAT IMPROVEMENTS OR ADDITIONAL FEATURES WOULD YOU SUGGEST FOR THE WEBSITE?

...sections for featured collections, special offers, loyalty program...

maybe, integrating a blog or news section for the latest trends in collecting

Featured image beneath search bar does not seem to scale on mobile portrait view

Mobile version

I noticed that there are 3 different menus related to category but no filter which is a great tool for this type of site.

Save a bit on the vertical space. Tune down those reds a bit so that the rest of the page can also be noticed.

- Dark mode (it's always the first thing i look for, esp. on phone).
- Grid view of items maybe could be improved on phone? On my screen I get one grid per row, it takes 2/3 of the screen width, leaving 1/3 empty.
- Adding list view option for items.
- I think I would set a heart as the wishlist icon, don't think I ever saw it as a gift box before.

In the realm of recommendations for enhancing the website, several themes have emerged.

Firstly, there's a strong call for improved mobile optimization. This includes refining the scaling and layout of elements for a more intuitive mobile experience. Alongside this, the need for a livelier design is clear, with suggestions pointing towards a brighter colour palette and more captivating graphics to inject vitality into the site.

Additionally, users express a desire for features that foster a more interactive and personalized experience. These include personalized recommendations, featured collections, and a loyalty program. Such additions would significantly enrich user engagement.

In terms of layout and design, there is a consensus on the need for adjustments.

Recommendations focus on reducing clutter, moderating the bold use of colours, and introducing a dark mode option, underscoring the necessity for a more balanced and versatile visual approach. This includes tuning down the dominant red colour, adding a filter tool for navigation, and optimizing the use of vertical space.

CONCLUSION

In conclusion, the feedback from the questionnaire highlights several key points regarding the website. The strengths, such as its simple, clean design and ease of navigation, are well-

received, laying a strong foundation for a good user experience. However, there are opportunities for improvement. Enhancing the visual appeal with a more dynamic colour scheme and graphics, optimizing the mobile experience, and incorporating additional features like a dark mode and better filtering options could significantly elevate the user experience.

USER PERSONAS

Design

Carl appreciates the website's professional and minimalist aesthetic and would welcome technical sophistication that aligns with his engineering expertise.

Attention-Grabbing Element

Red accents in the design catch Carl's attention, and using this color to emphasize useful features like interactive car model viewers and technical specs would cater to his preferences.



Carl, 45
Engineer

Colour Scheme and Layout

Carl is attracted to the red and white color scheme for its crisp contrast. The website should use these colors to create a balanced, visually appealing space that improves readability, particularly for detailed content.

Navigation

He appreciates the website's intuitive and straightforward navigation, suiting his desire for efficiency. Maintaining this while introducing advanced filtering tools would further enhance his browsing experience.

Improvements

Carl would enjoy interactive and personalized features, like search memory or car model recommendations. A user-friendly mobile version would also support his needs while he's on the move.

Design

Annie likes the design's simplicity but seeks a website bursting with anime culture's vibrancy. Colors and graphics mirroring her interests should infuse the design.

Attention-Grabbing Element

Vibrant character illustrations and anime news immediately attract Annie. They should be prominently displayed, providing her quick access to the latest updates and products.



Navigation

Annie appreciates the website's easy navigation, highlighting the need for intuitive design. Tailoring the mobile experience for touch navigation would improve her browsing.

Improvements

Adding interactive features like an anime discussion forum and a user review section would meet Annie's wish for a more engaging and personalized website.

Colour Scheme and Layout

The color palette should broaden beyond red and white to embrace colors. The layout must be dynamic and mobile-friendly, visually rich yet not overpowering.

Design

Mia enjoys the website's clean design but desires a trendier aesthetic that reflects her love for pop culture. The site should embody the excitement and innovation of its products.

Attention-Grabbing Element

Mia is keen on the latest releases and exclusive collections. They should be prominently and attractively displayed for immediate visibility and appeal.



Navigation

Easy navigation is essential for Mia, indicating the website should maintain a simple layout and enhance mobile usability to suit her active lifestyle.

Improvements

Features such as real-time notifications for new releases and a loyalty program would highly appeal to Mia, offering her a feeling of exclusivity and engagement.

Mia, 30

Marketing Manager

Colour Scheme and Layout

The color scheme and layout need to be lively and structured, blending vibrant colors with a clear, uncluttered design.

TESTING

PHPUNIT TESTING

DB CONNECTION

Valid test:

```
public function testDBConnection()
{
    $con = mysqli_connect('localhost', 'root', '', 'funzies');
    $this->assertNull ($con->connect_error);
}
```

1 / 1 (100%)

Time: 00:00.019, Memory: 6.00 MB

OK (1 test, 1 assertion)

Invalid test:

```
public function testDBConnection()
{
    $con = mysqli_connect('localhost', 'root', '', 'funzie');
    $this->assertNull ($con->connect_error);
}
```

ERRORS!

Tests: 1, Assertions: 0, Errors: 1.

ADMIN LOGIN TESTING

Valid test:

```
public function testAdminLogin()
{
    $con = mysqli_connect('localhost', 'root', '', 'funzies');
    $result = AdminLogin($con, 'n4dinevid4l@hotmail.com', 'abc123');
    $this -> assertTrue($result);
}
```

..

2 / 2 (100%)

Time: 00:00.045, Memory: 6.00 MB

OK (2 tests, 2 assertions)

Invalid test:

```
public function testAdminLogin()
{
    $con = mysqli_connect('localhost', 'root', '', 'funzies');
    $result = AdminLogin($con, 'email', 'password');
    $this -> assertTrue($result);
}
```

Time: 00:00.047, Memory: 8.00 MB

There was 1 failure:

1) testing::testAdminLogin
Failed asserting that false is true.

C:\XAMPP\htdocs\Funzies\tests\testing.php:21
C:\XAMPP\htdocs\Funzies\vendor\bin\phpunit:127

FAILURES!

Tests: 2, Assertions: 2, Failures: 1.

GET DATA FROM ROLES

Valid test:

```
public function testGetRoles()
{
    $con = mysqli_connect('localhost', 'root', '', 'funzies');
    $result = GetRoles($con);
    $this -> assertGreaterThan(0, $result -> num_rows);
}
```

...

3 / 3 (100%)

Time: 00:00.052, Memory: 6.00 MB

OK (3 tests, 3 assertions)

INSERT DATA TO ROLES

```
public function testAddRole()
{
    $con = mysqli_connect('localhost', 'root', '', 'funzies');
    $result = createRole($con, 'Test', 'Test object');
    $this -> assertTrue($result);
}
```

....

4 / 4 (100%)

Time: 00:00.074, Memory: 6.00 MB

OK (4 tests, 4 assertions)

Role Management

Add New Role

ID	Role	Details	Actions
1	Administrator	Funzies Administrator, has full access of the admin page.	<button>Edit</button> <button>Delete</button>
2	Customer	Funzies customer	<button>Edit</button> <button>Delete</button>
3	Employee	Funzies employee	<button>Edit</button> <button>Delete</button>
25	Test	Test object	<button>Edit</button> <button>Delete</button>

DELETE ROLE

```
public function testDeleteRole()
{
    $con = mysqli_connect('localhost', 'root', '', 'funzies');
    $result = deleteRole($con, '25');
    $this -> assertTrue($result);
}
```

....

4 / 4 (100%)

Time: 00:00.074, Memory: 6.00 MB

OK (4 tests, 4 assertions)

3	Employee	Funzies employee	Edit	Delete

UPDATE ROLE

3	Employee	Funzies employee	Edit	Delete
26	Test Role	This is a test	Edit	Delete

```
public function testUpdateRole()
{
    $con = mysqli_connect('localhost', 'root', '', 'funzies');
    $result = updateRole($con, '26', 'Updated Role', 'This is an updated test case');
    $this -> assertTrue($result);
}
```

....

4 / 4 (100%)

Time: 00:00.074, Memory: 6.00 MB

OK (4 tests, 4 assertions)

3	Employee	Funzies employee	Edit	Delete
26	Updated Role	This is an updated test case	Edit	Delete

TESTING GETUSERBYID

Invalid test:

```
public function test GetUser()
{
    $con = mysqli_connect('localhost', 'root', '', 'funzies');
    $result = GetUserByID($con, 3);
    print_r ($result);
    $this -> assertNotEmpty($result);
}
```

FAILURES!

Tests: 4, Assertions: 4, Failures: 1.

Valid test:

```
/* Get user by ID */
public function test GetUser()
{
    $con = mysqli_connect('localhost', 'root', '', 'funzies');
    $result = GetUserByID($con, 2);
    print_r ($result);
    $this -> assertNotEmpty($result);
}
```

```
...Array
(
    [ID] => 2
    [Email] => n4dinevid4l@hotmail.com
    [Name] => Nadine
    [Surname] => Vidal
    [Joined] => 2023-12-16 10:13:50
    [Verified] => 1
    [Password] => 6367C48DD193D56EA7B0BAAD25B19455E529F5EE
    [ContactNumber] => 79316986
    [Role] => 1
    [Deleted] => 0
)
```

4 / 4 (100%)

Time: 00:00.066, Memory: 6.00 MB

OK (4 tests, 4 assertions)

USER CHANGE ACCOUNT DETAILS

First Name:

Last Name:

Mobile Number

```
/*Update Account Details*/
public function testUpdateAccountDetails()
{
    $con = mysqli_connect('localhost', 'root', '', 'funzies');
    $user = GetUserByID($con, 2);
    $user['Name'] = 'Jane';
    $user['Surname'] = 'Doe';
    $user['ContactNumber'] = '777777777';
    $result = updateUserObject($con, $user);
    $this -> assertTrue($result);
}
```

....

4 / 4 (100%)

Time: 00:00.061, Memory: 6.00 MB

OK (4 tests, 4 assertions)

Account Details

First Name:

Last Name:

Mobile Number

LOGOUT FUNCTIONALITY

Invalid test:

```
public function testLogout()
{
    $con = mysqli_connect('localhost', 'root', '', 'funzies');
    $result = userLogin($con, 'n4dinevid4l@hotmail.com', 'password');
    $this -> assertNotEmpty($_SESSION['USER']);

    logout();
    $this -> assertEmpty($_SESSION['USER']);
}
```

1 test triggered 2 PHP warnings:

1) C:\XAMPP\htdocs\Funzies\functions.php:123
session_regenerate_id(): Session ID cannot be regenerated when there is no active session

Triggered by:

```
* testing::testLogout
C:\XAMPP\htdocs\Funzies\tests\testing.php:99
```

2) C:\XAMPP\htdocs\Funzies\tests\testing.php:106
Undefined array key "USER"

Triggered by:

```
* testing::testLogout
C:\XAMPP\htdocs\Funzies\tests\testing.php:99
```

OK, but there were issues!
Tests: 1, Assertions: 2, Warnings: 2.

Invalid test:

```
0 references | 0 overrides
public function testLogout()
{
    $con = mysqli_connect('localhost', 'root', '', 'funzies');
    $result = userLogin($con, 'n4dinevid4l@hotmail.com', 'password');
    $this -> assertNotEmpty($_SESSION['USER']);

    logout();
    $this -> assertEmpty($_SESSION);
}
```

```
W 1 / 1 (100%)  
Time: 00:00.032, Memory: 8.00 MB  
  
1 test triggered 1 PHP warning:  
  
1) C:\XAMPP\htdocs\Funzies\functions.php:123  
session_regenerate_id(): Session ID cannot be regenerated when there is no active session  
  
Triggered by:  
  
* testing::testLogout  
  C:\XAMPP\htdocs\Funzies\tests\testing.php:99  
  
OK, but there were issues!  
Tests: 1, Assertions: 2, Warnings: 1.
```

Fix:

```
2 references 2 references  
function logout() function logout()  
{ {  
    //the following will res session_unset(); // Remove  
    session_unset(); // Remove  
    session_destroy(); // Destroy  
    session_regenerate_id();  
}  
}  
}  
}
```

Valid test:

```
Time: 00:00.029, Memory: 8.00 MB  
  
OK (1 test, 2 assertions)
```

CONTACT US

Valid test:

```
public function testContactUs()  
{  
    $result = Mailer('example@example.com', ' testcase', 'testing Mailer', 'This is a test');  
    $this->assertTrue($result);  
}  
.  
1 / 1 (100%)  
  
Time: 00:02.311, Memory: 8.00 MB  
  
OK (1 test, 1 assertion)
```

testing Mailer

Inbox ×

N

testcase <nadinevid4l@gmail.com>
to me ▾

This is a test

PRODUCT LISTING

Invalid test:

```
public function testProductListing()
{
    $con = mysqli_connect('localhost', 'root', '', 'funzies');
    $result = GetProductByID($con, 0);
    $this->assertNotFalse($result);
}
```

There was 1 failure:

1) testing::testProductListing
Failed asserting that false is not false.

C:\XAMPP\htdocs\Funzies\tests\testing.php:120
C:\XAMPP\htdocs\Funzies\vendor\bin\phpunit:127

FAILURES!

Tests: 1, Assertions: 1, Failures: 1.

Valid test:

```
public function testProductListing()
{
    $con = mysqli_connect('localhost', 'root', '', 'funzies');
    $result = GetProductByID($con, 4);
    $this->assertNotFalse($result);
}
```

1 / 1 (100%)

Time: 00:00.008, Memory: 6.00 MB

OK (1 test, 1 assertion)

PRODUCT SEARCH AND FILTER FUNCTIONALITY.

Invalid test:

```
public function testSearchAndFiltering()
{
    $con = mysqli_connect('localhost', 'root', '', 'funzies');
    $result = GetProductsPage($con, '1', null, null, 'barbie');
    $this->assertGreaterThan($result -> num_rows, 0);
}
```

There was 1 failure:

1) testing::testSearchAndFiltering
Failed asserting that 0 is greater than 0.

C:\XAMPP\htdocs\Funzies\tests\testing.php:128
C:\XAMPP\htdocs\Funzies\vendor\bin\phpunit:127

FAILURES!

Tests: 1, Assertions: 1, Failures: 1.

Invalid test:

```
public function testSearchAndFiltering()
{
    $con = mysqli_connect('localhost', 'root', '', 'funzies');
    $result = GetProductsPage($con, '1', null, null, 'barbie');
    $this->assertGreaterThan(0, $result -> num_rows);
}
```

1) testing::testSearchAndFiltering
Failed asserting that 0 is greater than 0.

C:\XAMPP\htdocs\Funzies\tests\testing.php:128
C:\XAMPP\htdocs\Funzies\vendor\bin\phpunit:127

FAILURES!

Tests: 1, Assertions: 1, Failures: 1.

Valid test:

```
public function testSearchAndFiltering()
{
    $con = mysqli_connect('localhost', 'root', '', 'funzies');
    $result = GetProductsPage($con, '1', null, null, 'charger');
    $this->assertGreaterThan(0, $result -> num_rows);
}
```

1 / 1 (100%)

Time: 00:00.019, Memory: 6.00 MB

OK (1 test, 1 assertion)

ORDER CONFIRMATION AND ORDER NUMBER GENERATION.

Your Orders

Order #16

Order Received

Date: Jan 2, 2024



Valid test:

```
public function testCheckout(){
    $con = mysqli_connect('localhost', 'root', '', 'funzies');
    $user = GetUserByID($con, 2);
    $prod = GetProductByID($con, 4);
    $selectedAddress = GetAddressByID($con, 24);
    $prod["Quantity"] = 1;
    $cartItems[0] = $prod;
    $result = createOrder($con, $user, $selectedAddress, $cartItems);
    $this->assertGreaterThanOrEqual(0, $result);
}
```

1 / 1 (100%)

Time: 00:00.030, Memory: 6.00 MB

OK (1 test, 1 assertion)

Order #17

Order Received

Date: Jan 2, 2024



[Order Details](#)

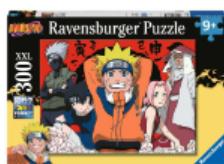
[Cancel Order](#)

STATUS UPDATES FOR ORDERS (E.G., PROCESSING, SHIPPED, DELIVERED).

Order #9

Processing

Date: Dec 24, 2023



[Order Details](#)

[Cancel Order](#)

Invalid test:

```
0 references | 0 overrides
public function testOrderStatus(){
    $con = mysqli_connect('localhost', 'root', '', 'funzies');
    $result = setOrderStatus($con, 9, 12);
    $this->assertTrue($result);
}
```

Time: 00:00.030, Memory: 8.00 MB

There was 1 error:

1) testing::testOrderStatus
mysqli_sql_exception: Cannot add or update a child row: a foreign key constraint fails (`funzies`.`orders`, CONSTRAINT `order_status` FOREIGN KEY (`status`) REFERENCES `orderstatus` (`ID`) ON DELETE CASCADE)

C:\XAMPP\htdocs\Funzies\dbfunctions.php:772
C:\XAMPP\htdocs\Funzies\tests\testing.php:133
C:\XAMPP\htdocs\Funzies\vendor\bin\phpunit:127

ERRORS!

Tests: 1, Assertions: 0, Errors: 1.

Valid test:

```
public function testOrderStatus(){
    $con = mysqli_connect('localhost', 'root', '', 'funzies');
    $result = setOrderStatus($con, 9, 5);
    $this->assertTrue($result);
}
```

Time: 00:00.010, Memory: 6.00 MB

OK (1 test, 1 assertion)

Order #9

Payment Received

Date: Dec 24, 2023



[Order Details](#)

[Cancel Order](#)

IPO – TEST CASES

FUNZIES – TEST CASES

ID	Test Case	Steps	Expected Result	Actual Result	Status
TC01	Add to Cart Functionality	<ol style="list-style-type: none">1. Ensure the product has a unique ID visible to the system.2. User clicks on the “Add to Cart” button or icon on the product card or within the product page.3. The system captures the product's unique ID.4. The system checks if the product is already in the user's cart.5. If not, the system adds the product to the cart. If yes, the system updates the quantity.	The product is added to the shopping cart, and the quantity is updated if it's already there.	Added a product to the cart from product page then checked shopping cart, quantity was 1, then I returned to the product page and clicked add to cart again, opened shopping cart and it was now 2.	Pass
TC02	Add to Wishlist Functionality	<ol style="list-style-type: none">1. Ensure the product has a unique ID visible to the system.2. User clicks on the “Add to Wishlist” link on a product card or within the product page.3. The system retrieves the product's unique ID.4. The system adds the product to the user's Wishlist in the database.	The product is added to the Wishlist, the interface updates, and the user receives visual confirmation.	Product has been added to the wishlist.	Pass

		5. The system handles any issues, such as the product already being in the Wishlist.		
TC03	Proceed to Checkout Functionality	<ol style="list-style-type: none"> User views the shopping cart and clicks on the “Proceed to checkout” button. The system confirms that there are items in the cart. The system initiates the process to redirect the user to the checkout page. The system ensures all cart information is transferred to the checkout process. 	<p>The user is redirected to the checkout page with all items, quantities, and prices correctly listed.</p>	Redirected to the checkout page with the correct products, quantities, and prices.
TC04	Complete Order Functionality	<ol style="list-style-type: none"> User enters valid shipping information. User clicks on the “Complete order” button. The system validates shipping information and user credentials. The system generates a unique order ID and inputs a new entry in the database. The system sets the order status to ‘Order received’ and redirects the user to the confirmation page. 	<p>The user is redirected to an order confirmation page with a unique order ID and summary. The order is saved and linked to the user's account with a</p>	Redirected to the order confirmation page, then checked order on account page. Order details matches with the details inputted in the checkout, Order has a unique ID, and the Order status is set to ‘Order Received’.

	<ol style="list-style-type: none"> The system updates the user's account page with the new order. 	'Order Received' status.	
TC05	Check My Order Functionality	<ol style="list-style-type: none"> User clicks on the “Check My Order” button or link. The system verifies the user is logged in and has the necessary permissions. The system retrieves the user’s order history from the database. The system initiates redirection to the account page, focusing on the “Order Section.” 	User is redirected to the order section on their account page where they can view their order history. <p>On Clicking check my order, I have been redirected to the Order section in the account page.</p>
TC06	Edit Order Functionality	<ol style="list-style-type: none"> User clicks on the “Edit order” link. The system verifies the user’s session. The system retrieves the current state of the user’s cart. The system redirects the user to the shopping cart view. The system displays the contents of the shopping cart, allowing modifications. 	User is redirected from the checkout page to the shopping cart page where they can update their cart before returning to checkout. <p>Upon clicking the ‘edit order’ in the checkout, I was redirected to the shopping cart.</p>

TC07 Pagination Functionality	<ol style="list-style-type: none"> 1. User clicks on a pagination button (e.g., a number, "Next," "Previous," "First Page," "Last Page"). 2. The system calculates the new page number and range of products to display. 3. The system fetches and displays the new set of products. 4. The system updates the pagination controls to reflect the current page. 	<p>The shop page displays a new set of products corresponding to the selected page number. Pagination controls update accordingly.</p>	<p>When clicking next, refreshes the page, the showing label displays the products displayed, and the products are changed as well.</p>	Pass
TC08 Carousel Navigation Functionality	<ol style="list-style-type: none"> 1. User clicks the arrow button (left or right) to navigate through carousel images. 2. The system detects the direction of navigation. 3. The system updates the current image index and applies a transition effect. 4. A new image or content frame is displayed in the carousel. 5. Visual indicators on the carousel update to represent the current image. 	<p>The carousel shows the new image or content frame. Visual indicators update to show the current image.</p>	<p>Clicking the arrows changes the images in the carousel.</p>	Pass

TC09 View Product Description	<ol style="list-style-type: none"> 1. User clicks the “Description” option in the bottom menu. 2. The system queries the database for the product’s description using the product ID. 3. The product description is retrieved and loaded into the content area. 4. The text is formatted for display. 	<p>The product description tab becomes active, and the detailed product description is displayed within the tab’s content area.</p>	<p>Bottom description is visible.</p>	Pass
TC10 Remove from Wishlist	<ol style="list-style-type: none"> 1. User clicks the “Remove from Wishlist” link on a product in the Wishlist page. 2. The system updates the Wishlist by removing the specified product. 3. The system updates the database accordingly. 	<p>The user interface updates to reflect the removal.</p>	<p>Upon clicking ‘remove from wishlist’ button, the page refreshes and the product is gone from the wishlist.</p>	Pass
TC11 View Order Details	<ol style="list-style-type: none"> 1. User clicks on the “Order details” link/button for a specific order. 2. The system fetches and displays the details in a structured modal format. 	<p>A modal window displays detailed order information, including products,</p>	<p>On Clicking ‘Order Details’ button, a modal opens, displaying order details, including products,</p>	Pass

		shipping address, and order status.	including products, quantity, address details, order ID.	
TC12	Update Account Details	<ol style="list-style-type: none"> 1. User enters new details into the appropriate fields and clicks the “update” button. 2. The system captures and validates the new details. 3. If valid, updates are processed and confirmed. 4. If invalid, the user is notified of the issue. 	<p>Upon successful update, the user's details in the database are updated and updates details in the account page.</p> <p>If unsuccessful, the user receives an appropriate error message.</p>	Inputted different details in First Name, Last name and clicked ‘Update details’, Page refreshed, and details are changed even in the profile overview.
TC13	Change Password	<ol style="list-style-type: none"> 1. User inputs the current password, new password, and confirms the new password. 2. User clicks on the “Change Password” button. 3. The system authenticates the current password and validates the new password. 	<p>If successful, the password is updated, and a confirmation message is displayed. If</p>	Upon inputting password details and clicking change password, the page refreshes

	<p>4. If all checks pass, the system updates the password in the database.</p>	<p>unsuccessful, the user receives an error message detailing the issue.</p>	<p>and displays ‘Password changed successfully’.</p>	
TC14	<p>Edit Address Information</p> <ol style="list-style-type: none"> User clicks the “Edit” button for a specific address. The system presents a form pre-populated with the existing address. User makes changes and clicks “Save.” The system validates and processes the updated address details. 	<p>If successful, the address is update. If unsuccessful, the user is shown an error message.</p>	<p>On Clicking edit, a modal opens with the current details, after inputting the details and clicking save, the page refreshes and the data is changed.</p>	Pass
TC15	<p>Delete Address</p> <ol style="list-style-type: none"> User clicks the “Delete” button for a specific address. The system presents a confirmation dialog. Once confirmed, the system processes the deletion. 	<p>If successful, the address is removed. If unsuccessful, the user receives an error message.</p>	<p>On Clicking delete, the page refreshes and the address is no longer visible.</p>	Pass

TC16 Cancel Order	<ol style="list-style-type: none"> 1. User clicks the “Cancel Order” button for a specific order. 2. The system checks the order's status and eligibility for cancellation. 3. If eligible, the system updates the order status to “cancelled.” 	If successful, the order status is updated to “cancelled”.	After clicking cancel order, the page refreshes and the data is updated. The order is set as ‘Cancelled’.	Pass
TC17 Interacting with UI Elements	<ol style="list-style-type: none"> 1. User interacts with different UI elements such as product categories, brand links, or the search bar. 2. The system captures the event and identifies the selection. 3. The system fetches corresponding data from the database. 	The application updates the shop page view with relevant data, displaying the items or information	When clicking categories and brands, the page refreshes and shows the products related to the selected brand or category. When using the search bar and searching for a specific product name, the shop page is refreshed, and it	Pass

			pertinent to the user's selection.	shows the products with that name.
TC18	Person-Icon Button Functionality	<ol style="list-style-type: none"> 1. User clicks on the “Person-Icon” button. 2. The system checks for an active session and user information. 3. Based on the session's status, the system displays the sidebar with appropriate options or the login form. 	<p>If a session is active, a sidebar with account navigation options is displayed. If no session is active, a login form appears.</p>	<p>While logged on, the person-icon redirected me to the account page.</p> <p>While logged off, the person-icon opened a side bar, showing the login form and options such as, create account or forgot password.</p>
TC19	Send Verification Code Functionality	<ol style="list-style-type: none"> 1. User enters their email address and clicks “Send Verification Code.” 2. The system validates the email format and checks its existence in the database. 3. If the email exists, the system sends a verification code to the address. 	<p>If the email is in the database, the user is notified that a verification code has been sent. If the email does not exist or an error</p>	<p>Upon entering my email address, the page refreshes and shows me the message: “Your password has been reset, please check your email inbox”. When opening my email inbox, I received an</p>

		occurs, an error message is displayed.	email which included a new password. Then I tried to login using the password provided and it logged me in.	
TC20	Wishlist Access via Gift-Icon	<ol style="list-style-type: none"> 1. User clicks the “Gift-Icon” button in the navbar. 2. The server checks for an active session. 3. If a session is active, the server queries the database for the user's Wishlist items. 4. If no session is active, the system indicates that the user needs to log in. 	If logged in, the user is presented with their Wishlist page showing all saved items. If not logged in, the user is prompted to log in.	When logged in, I am redirected to the wishlist section in the account page, when not logged in, I am redirected to the create account page.
TC21	Contact Form Submission	<ol style="list-style-type: none"> 1. User fills out the contact form with their details and message. 2. User clicks the “Send Message” button. 3. The client-side script validates the input, and if passed, the data is sent to the server. 	If successful, the user receives a confirmation on the website and an automatic email. If unsuccessful, an	Upon entering details and clicking on the ‘Sent message’, The page refreshes and a message is shown: ‘Message Sent’.

	<ol style="list-style-type: none"> 4. The server performs additional validation and processes the message. 	error message is displayed.	When checking the inbox which should receive email sent from the contact form, a new email is received.	
TC22	<p>Cart Quantity Adjustment</p> <ol style="list-style-type: none"> 1. User clicks the “plus” or “minus” button to adjust the quantity of an item. 2. The system captures the event and updates the quantity. 3. The system recalculates the total cost and updates the display. 	The quantity of the item and the total price are updated accordingly on the shopping cart sidebar and cart page.	When clicking plus, the quantity increased by 1 and price is calculated for the product quantity price and total price. When clicking on the minus, the quantity is reduced by 1 and the price is subtracted from both the product quantity price and total.	Pass
TC23	<p>Login/Signup Form Toggle</p> <ol style="list-style-type: none"> 1. User clicks on the “Log in” or “Sign up” button, depending on the current form. 2. A JavaScript function toggles the visibility between the login and sign-up forms. 	The form on the page changes: if “Log in” is clicked, the sign-up form is hidden and the	When clicking either ‘log in’ or ‘sign up’ button, the form changes from login to signup	Pass

			login form is displayed, and vice versa.	or vice versa, depending on the button clicked.	
TC24	Shopping Cart Sidebar Display	<ol style="list-style-type: none"> 1. User clicks on the “Shopping cart” button. 2. The system checks the current state of the sidebar and displays it accordingly. 	The sidebar becomes visible on the side of the screen, displaying the contents of the shopping cart.	Clicked the ‘Shopping cart’ button in the navbar, and a side bar opened showing the shopping cart with the products I added.	Pass
TC25	Direct Product Access	<ol style="list-style-type: none"> 1. User clicks the “Product image” or the “title” on a product card. 2. The system retrieves and displays the detailed product page based on the product ID. 	The user is presented with the product page, including all relevant details for the selected product.	Clicked on a product on the homepage and I was redirected in a product page which included all the details of the product I had selected.	Pass

TC26	Navigation to Contact Us Page	User clicks the “Contact Us” link on the navbar or footer.	The user is redirected to the contact us page.	Clicked on contact us in the navbar, and I was redirected to the contact us page.	Pass
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TC27	Navigation to Policy Pages	User clicks either the “Terms and conditions” link or the “Privacy policy” link in the footer.	The user is redirected to the corresponding policy page.	Clicked on both links and I have been redirected to the corresponding pages.	Pass
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TC28	Social Media Redirection	User clicks on one of the social media icons in the footer.	The user is redirected to the corresponding social media platform’s page.	Clicked on all three social media icons and they all redirected me to the corresponding pages.	Pass
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TC29	Create Account Access	User clicks on the “Create Account” link in the person button sidebar.	The user is redirected to the create account page.	Redirected to the Create Account Page.	Pass
TC30	Forgot Password Link	User clicks the “Forgot Password?” link.	The user is redirected to the forgot password page.	Redirected to the forgot password page.	Pass
TC31	Sign Out Functionality	User clicks on the “Sign out” button.	The user's session is terminated, and they are redirected to the home page.	Upon clicking the signout button in the account page, I have been redirected to the index page.	Pass

TC32	Home Navigation	User clicks the “Home” button, link, or the “Funzies” logo.	The user is redirected to the homepage.	Redirected to the index/homepage.	Pass
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TC33	Log In from Checkout	User clicks on the “Log In” link on checkout page.	The user is redirected to the Login section of the create account page.	Redirected to the login section on the create account page.	Pass
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TC34	Shop Navigation	User clicks on the “Shop” link on the navbar.	The user is redirected to the shop page with a display of popular or relevant products.	Redirected to the Shop page.	Pass
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TC35	Account Page Navigation	<ol style="list-style-type: none"> User clicks on one of the links like “Profile Overview,” “Addresses,” etc. The corresponding section of the account page is displayed. 	<p>The content associated with the clicked link is displayed, and previously visible content is hidden.</p>	Redirected to different section. Pass
TC36	View Cart Functionality	User clicks the “View Cart” button inside the sidebar.	The user is redirected to the shopping cart page.	Redirected to the shopping cart page. Pass
TC37	Remove Product from Cart	User clicks the ‘X’ button by the product in the shopping cart.	The product should be removed from the cart.	When clicking the X button next to the product in the shopping cart, the page refreshes, and the product is no longer in the shopping list. Pass

FUNZIES ADMIN – TEST CASES

ID	Test Case	Steps	Expected Result	Actual Result	Pass/Fail
TC37	Login Authentication	<ol style="list-style-type: none"> Users enter their email addresses and passwords into the login form and click the “submit” button. The server-side script manages the POST request and conducts input validation. The system attempts to authenticate the user against the database credentials. A session is initiated for successful authentication, or an error message is prepared for failure. 	If successful, the user is redirected to the admin dashboard. If unsuccessful, an error message is displayed.	Logged in Successfully using an administrator account. Tried to login using a customer account, Got the following error message: ‘Incorrect email or password, try again!’	Pass
TC38	Sign Out Functionality	User clicks the “Sign Out” button.	The user’s session is terminated, and they are redirected to the login page.	I have been logged out and redirected to the login page.	Pass

TC39	Navigation via Management Hyperlinks	User clicks on Brand management hyperlink listed in the sidebar.	The user is redirected to the corresponding management page.	Redirected to Brand Management Page	Pass
TC40	Navigation via Management Hyperlinks	User clicks on Category management hyperlink listed in the sidebar.	The user is redirected to the corresponding management page.	Redirected to Category Management Page	Pass
TC41	Navigation via Management Hyperlinks	User clicks on Order management hyperlink listed in the sidebar.	The user is redirected to the corresponding management page.	Redirected to Order Management Page	Pass
TC42	Navigation via Management Hyperlinks	User clicks on Product management hyperlink listed in the sidebar.	The user is redirected to the corresponding management page.	Redirected to Product Management Page	Pass

TC43	Navigation via Management Hyperlinks	User clicks on Role management hyperlink listed in the sidebar.	The user is redirected to the corresponding management page.	Redirected to Role Management Page	Pass
TC44	Navigation via Management Hyperlinks	User clicks on User management hyperlink listed in the sidebar.	The user is redirected to the corresponding management page.	Redirected to User Management Page	Pass
TC45	Data Editing via Modal	<ol style="list-style-type: none"> 1. User clicks the “Edit” button associated with brand data. 2. A modal dialog appears with editable inputs for the data. 3. User makes changes and clicks “Save” on the modal. 	The modal with editable form fields is displayed, and upon saving, the data is updated on the management page.	Modal is opened, showing editable fields, upon saving, the data changed.	Pass
TC46	Data Editing via Modal	<ol style="list-style-type: none"> 1. User clicks the “Edit” button associated with category data. 2. A modal dialog appears with editable inputs for the data. 	The modal with editable form fields is displayed, and upon saving, the data	Modal is opened, showing editable fields,	Pass

	<ol style="list-style-type: none"> 3. User makes changes and clicks “Save” on the modal. 	is updated on the management page.	upon saving, the data changed.	
TC47	Data Editing via Modal	<ol style="list-style-type: none"> 1. User clicks the “Edit” button associated with order data. 2. A modal dialog appears with editable inputs for the data. 3. User makes changes and clicks “Save” on the modal. 	The modal with editable form fields is displayed, and upon saving, the data is updated on the management page.	Modal did not show, but the status of the order is visible as a drop down, once the drop-down object is changed and saved, the status order was changed.
TC48	Data Editing via Modal	<ol style="list-style-type: none"> 1. User clicks the “Edit” button associated with product data. 2. A modal dialog appears with editable inputs for the data. 3. User makes changes and clicks “Save” on the modal. 	The modal with editable form fields is displayed, and upon saving, the data is updated on the management page.	Modal is opened, showing editable fields, upon saving, the data changed.

TC49 Data Editing via Modal	<ol style="list-style-type: none"> 1. User clicks the “Edit” button associated with role data. 2. A modal dialog appears with editable inputs for the data. 3. User makes changes and clicks “Save” on the modal. 	<p>The modal with editable form fields is displayed, and upon saving, the data is updated on the management page.</p>	<p>Modal is opened, showing editable fields, upon saving, the data changed.</p>	Pass
TC50 Data Editing via Modal	<ol style="list-style-type: none"> 1. User clicks the “Edit” button associated with user data. 2. A modal dialog appears with editable inputs for the data. 3. User makes changes and clicks “Save” on the modal. 	<p>The modal with editable form fields is displayed, and upon saving, the data is updated on the management page with a confirmation message or an error message.</p>	<p>Modal is opened, showing editable fields, upon saving, the data changed.</p>	Pass
TC51 Data Deletion	<p>User clicks the “Delete” button associated with product data.</p>	<p>If the deletion is successful, the entry is removed from the page. If</p>	<p>When clicking the delete, the item is no longer visible.</p>	Pass

			unsuccessful, an error message is displayed.	
TC52	Order Cancellation	<ol style="list-style-type: none"> 1. User clicks the “Cancel” button for a specific order. 2. A confirmation prompt appears, and the user confirms the cancellation. 	If successful, the order's status is updated to "cancelled" with a success message. If unsuccessful, an error message is displayed.	No confirmation prompt showed but, when I clicked edit and then changed the drop-down option to cancelled, then I clicked the save button, and the order's status is changed to cancelled.
TC53	View Order Summary	User clicks the “View Summary” button for specific order data.	A modal window opens displaying the summary of the order.	No Longer exists due to changes

TC54 Data Creation via Modal	<ol style="list-style-type: none"> 1. User clicks the “Add new Role” button associated with role data. 2. A modal dialog appears with editable inputs for the data. 3. User makes changes and clicks “Save” on the modal. 	<p>The modal with editable form fields is displayed, and upon saving, the data is created, and it is visible on the management page.</p>	<p>Once I inputted the information and clicked save, the data is shown on page.</p>	Pass
TC55 Data Creation via Modal	<ol style="list-style-type: none"> 1. User clicks the “Add new Brand” button associated with role data. 2. A modal dialog appears with editable inputs for the data. 3. User makes changes and clicks “Save” on the modal. 	<p>The modal with editable form fields is displayed, and upon saving, the data is created, and it is visible on the management page.</p>	<p>Once I inputted the information and clicked save, the data is shown on page.</p>	Pass
TC56 Data Creation via Modal	<ol style="list-style-type: none"> 1. User clicks the “Add new Category” button associated with role data. 2. A modal dialog appears with editable inputs for the data. 3. User makes changes and clicks “Save” on the modal. 	<p>The modal with editable form fields is displayed, and upon saving, the data is created, and it is visible on the management page.</p>	<p>Once I inputted the information and clicked save, the data is shown on page.</p>	Pass

TC57 Data Creation via Modal	<ol style="list-style-type: none"> 1. User clicks the “Add new Product” button associated with role data. 2. A modal dialog appears with editable inputs for the data. 3. User makes changes and clicks “Save” on the modal. 	<p>The modal with editable form fields is displayed, and upon saving, the data is created, and it is visible on the management page.</p>	<p>Once I inputted the information and clicked save, the data is shown on page.</p>	Pass
TC58 Data Creation via Modal	<ol style="list-style-type: none"> 1. User clicks the “Add new Order Status” button associated with role data. 2. A modal dialog appears with editable inputs for the data. 3. User makes changes and clicks “Save” on the modal. 	<p>The modal with editable form fields is displayed, and upon saving, the data is created, and it is visible on the management page.</p>	<p>Once I inputted the information and clicked save, the data is shown on page.</p>	Pass

IMPROVEMENTS AND ENHANCEMENTS

SUMMARY

A comprehensive approach was taken to enhance the Funzies website's functionality, screen responsiveness, and aesthetic appeal. It particularly emphasized the user testing and feedback phase, detailing users' initial reactions, thoughts on design elements, and suggestions for improvements.

The feedback indicated a need for a balance between simplicity and creative engagement. However, the diversity of responses suggested the need for a more cohesive focal strategy to effectively guide the user experience. Users suggested several enhancements, including improved mobile optimization, a livelier design with a brighter colour palette, more captivating graphics, and interactive and personalized features.

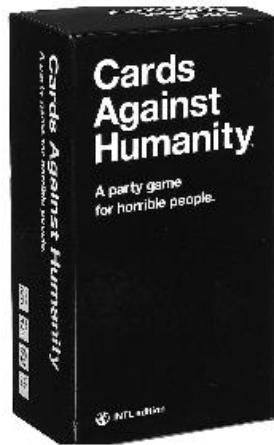
Enhancements to the website included layout adjustments, improved navbar and product card functionalities for better responsiveness, and redesigns of the 'Add to Cart' and 'Add to Wishlist' buttons. The layout was optimized for mobile devices.

PRODUCT CARD

Initially, the product cards were too large in both width and height, which wasn't ideal for all screen sizes. I reduced the size of the product cards, enabling the display of more products in a row. On smaller screens, this adjustment allowed for at least two cards in the same row, effectively reducing the amount of white space between the cards to accommodate more products.

Consequently, it was easy to decrease the height due to changes in the 'Add to cart' and 'Add to wishlist' buttons. Placing these buttons in a single row reduced the amount of space consumed and the amount of unnecessary white space. Using an icon instead of the text 'Add to wishlist' decreased the button size and, as the icon is universally recognized as either 'favourite' or 'wishlist', it was easily implemented without causing confusion. The 'Add to cart' could also be changed to an icon, but I have decided against it, as the icon is used to represent the main shopping cart where users can view their added products.

BEFORE



N/A

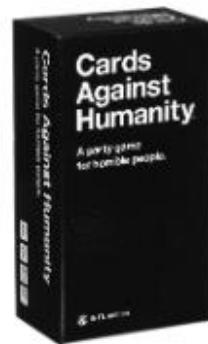
Cards Against Humanity – UK Edition

€45.00

Add To Cart

Add to wishlist

AFTER



N/A

Cards Against Humanity – UK Edition

€45.00

Add To Cart



BEFORE

DESKTOP SCREEN

New Arrivals

[More Products >](#)



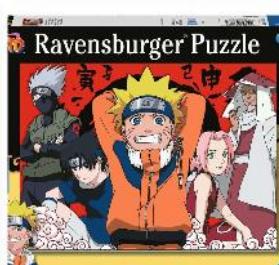
N/A

Cards Against Humanity – UK Edition

€45.00

Add To Cart

Add to wishlist



Ravensburger
Naruto Shippuden
Naruto's Adventures XXL

€15.99

Add To Cart

Add to wishlist



BANDAI
One Piece Film Red Usopp Ichibansho

€99.99

Add To Cart

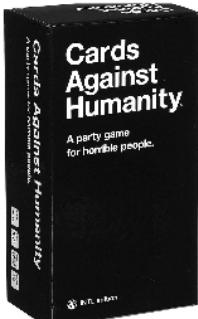
Add to wishlist



MOBILE SCREEN

New Arrivals

[More Products >](#)



N/A

Cards Against Humanity – UK Edition

€45.00

[Add To Cart](#)

[Add to wishlist](#)

AFTER

DESKTOP SCREEN

New Arrivals



N/A
Cards Against Humanity – UK Edition



Ravensburger
Naruto Shippuden
Naruto's Adventures
XXL



BANDAI
One Piece Film Red
Usopp Ichibansho



Banpresto
Naruto Shippuden
Gaara Q Posket



Pokémon
Pokémon Select
Battle Figure
Squirtle Metallic

€45.00

[Add To Cart](#)



€15.99

[Add To Cart](#)



€99.99

[Add To Cart](#)



€33.99

[Add To Cart](#)



€18.99

[Add To Cart](#)



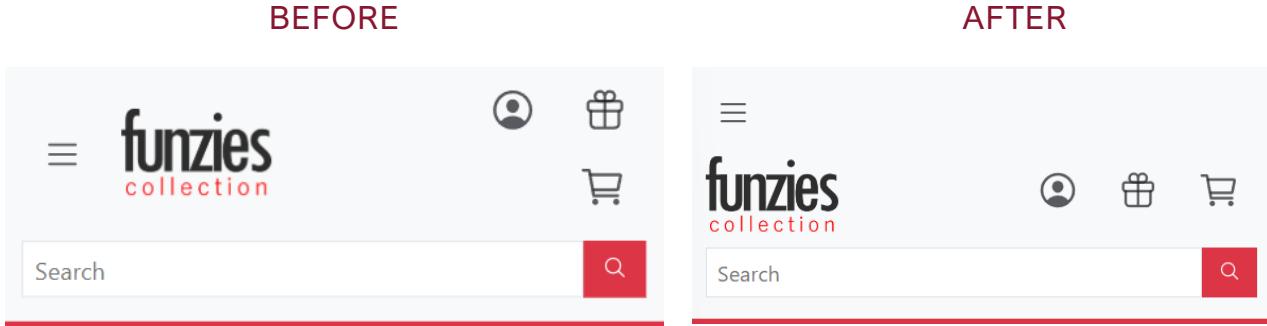
MOBILE SCREEN

New Arrivals

	
N/A	Ravensburger
Cards Against Humanity – UK Edition	Naruto Shippuden Naruto's Adventures XXL
€45.00	€15.99
Add To Cart	Add To Cart
	

NAVIGATION BAR

In the navigation bar, despite my previous efforts to enhance its mobile responsiveness, the outcomes didn't meet my expectations. Consequently, I undertook a reorganization of the navigation bar to effectively accommodate smaller screen sizes.

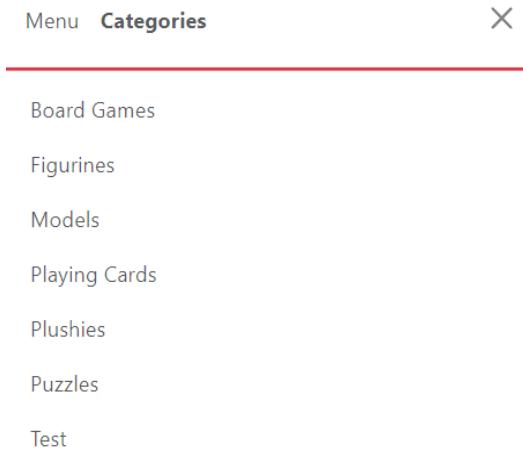


SHOP

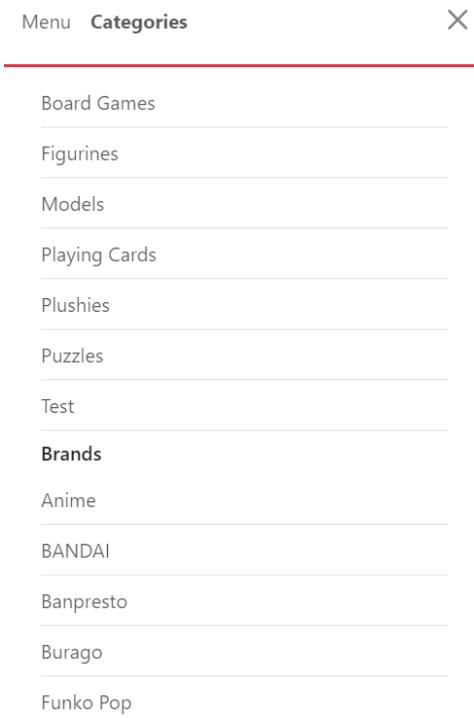
In the shop page, the design of the product cards was crucial as it determined how many products could be displayed on a page. By widening the column for product display and narrowing the column for the category's sidebar, I increased the number of products on the desktop screen while making it easier to display two products in a single row on the mobile screen.

When it comes to mobile screens, the category sidebar dominated the initial view, requiring users to scroll a considerable amount before reaching the products. To address this, I set the sidebar to hidden and reorganized the menu in the category toggle button on the navbar, which displays the categories and brands. This adjustment made the products the main focus on the page, while users can conveniently select their desired category or brand from the toggle button in the navbar.

BEFORE



AFTER



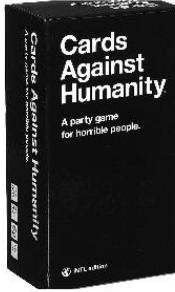
BEFORE

DESKTOP SCREEN

Showing 1 - 9 out of 117 Products Sort by latest ▾

Product Categories

Board Games	24
Figurines	37
Models	12
Playing Cards	15
Plushies	17
Puzzles	12
Test	1
Brands	
Anime	10
BANDAI	4



N/A
Cards Against Humanity – UK Edition
€45.00
Add To Cart Add to wishlist



Ravensburger
Naruto Shippuden
Naruto's Adventures XXL
€15.99
Add To Cart Add to wishlist



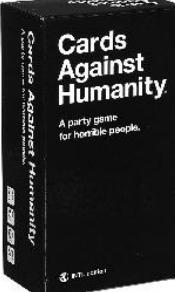
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Ichibancho
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Brands	
Anime	10



N/A
Cards Against Humanity – UK Edition
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Ravensburger
Naruto Shippuden
Naruto's Adventures XXL

AFTER

DESKTOP SCREEN

Product Categories

Board Games 24

Figurines 37

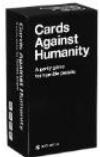
Models 12

Playing Cards 15

Plushies 17

Puzzles 12

Test 1



Brands

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Banpresto
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N/A
IT Shuffle Card Game

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Maisto
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N/A 35



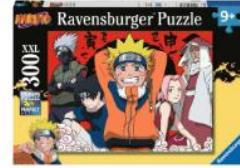
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Cards Against
Humanity – UK
Edition



Ravensburger
Naruto Shippuden
Naruto's Adventures
XXL



N/A
Cards Against
Humanity – UK
Edition

€45.00

Add To Cart



Ravensburger
Naruto Shippuden
Naruto's Adventures
XXL

€15.99

Add To Cart



PRODUCT PAGE

On the product page, the description of the product in the upper section has been truncated to reduce white space and minimize the spacing between elements, as the complete description is accessible in the tab below the product. The buttons have been redesigned to match across pages while also conserving space. Both the image and product details have been more centrally positioned, with a decreased image size, especially noticeable on desktop screens where it was previously overly large. On mobile screens, these adjustments have significantly enhanced the overall aesthetic and user experience by markedly reducing the need for excessive scrolling to find important information.

BEFORE

DESKTOP SCREEN

[Home](#) / [Puzzles](#) / Naruto Shippuden Naruto's Adventures XXL



In Stock

Ravensburger

Naruto Shippuden Naruto's Adventures XXL

€15.99

300 Pieces

Add To Cart

Add to Wishlist

MOBILE SCREEN

Home / Puzzles / Naruto Shippuden Naruto's Adventures XXL

300 Pieces



In Stock

Add To Cart

Add to Wishlist

Ravensburger

Naruto Shippuden Naruto's Adventures XXL

€15.99

300 Pieces

Description

AFTER

DESKTOP SCREEN

Home / Board Games / Petrichor: Cows



In Stock

N/A

Petrichor: Cows

€25

Petrichor: Cows is the final expansion f...

Add To Cart



Description

Petrichor: Cows is the final expansion for Petrichor. Cow meeples are now strolling among the crops, releasing Manure and Methane gas!

MOBILE SCREEN

Home / Board Games / Petrichor: Cows



N/A

Petrichor: Cows

€25

In Stock

Add To Cart



Description

Petrichor: Cows is the final expansion for Petrichor. Cow meeples are now strolling among the crops, releasing Manure and Methane gas! The expansion adds cute cows to the mix, bringing with it a new Graze Action that allows players to affect the world's climate, a Climate Board and a whole new set of Climate Sensitive Trees. The Cows Expansion is compatible with both the Honeybee and Flowers expansions and supports both 5 player mode and the Southern Winds solo mode.

ADDITIONAL ENHANCEMENTS

An additional enhancement is the introduction of an on-hover effect to the navbar. When users hover over specific links such as 'Home', 'Shop', 'Contact Us', and 'Categories', the background of the element changes to red. Likewise, when the categories sidebar is active, hovering over the category titles also causes their background to change to red.

HOME

SHOP

CONTACT US

CATEGORIES

X

BOARD GAMES

FIGURINES

MODELS

PLAYING CARDS

PLUSHIES



MILESTONES COMPLETED

CHANGE OF PLANNER AND PROJECT

MA Funzies Collection : e-Co... 🎨 PHP and Databases

Grid Board Charts Schedule ...

Members Filter (0) Group by Bucket

Backlog To-Do In Progress Complete

+ Add task + Add task + Add task + Add task

Implementation

Testing : Core Functionality

Milestone 5: Core Functionality Development

Testing : PHP and SQL Connection

PHP Web Application Development

Connect to the database with PHP.

Implement CRUD operations.

Use PHP for page rendering, session management.

Apply PHP templating for web pages.

Feedback Review & Implementation

User Testing : Design Features

Milestone 3: Database Setup Complete

Database Setup

Implement the UML data model.

Create tables, fields, data types, constraints, etc.

0 / 2

Milestone 4: PHP Structure Ready

Milestone 1: Planning Document

Style Guide and Wireframes Created

4 / 5

Research and Conceptualization

User Personas

2 / 3

Style Guide and Wireframes

Establish a style guide (colors, fonts, layouts)

Create wireframes for web pages.

0 / 2

Completed tasks 5

Milestone 2: Building the Prototype

2 / 2

Completed by Nadine Vidal

Building the Prototype

2 / 2

Completed by Nadine Vidal

IPO Chart for Testing Strategy

2 / 2

Completed by Nadine Vidal

Completed tasks 5

Milestone 2: Building the Prototype

2 / 2

Completed by Nadine Vidal

Building the Prototype

2 / 2

Completed by Nadine Vidal

IPO Chart for Testing Strategy

2 / 2

Completed by Nadine Vidal

15TH DECEMBER 2023 – COMPLETED DOCUMENTATION AND DATABASE SET UP

To-Do	In Progress	Complete
<p>+ Add task</p> <p>Testing</p> <p><input type="radio"/> Testing: Additional Features</p> <p>Milestone</p> <p><input type="radio"/> Milestone 6: Additional Features Implementation</p> <p>Testing</p> <p><input type="radio"/> Testing : Core Functionality</p> <p>Milestone</p> <p><input type="radio"/> Milestone 5: Core Functionality Development</p>	<p>+ Add task</p> <p>Testing</p> <p><input type="radio"/> Testing : PHP and SQL Connection</p> <p><input type="radio"/> Connect PHP with the SQL Database</p> <p><input type="radio"/> PHP Web Application Development</p> <p><input type="radio"/> Connect to the database with PHP.</p> <p><input type="radio"/> Implement CRUD operations.</p> <p><input type="radio"/> Use PHP for page rendering, session management.</p> <p><input type="radio"/> Apply PHP templating for web pages.</p> <p>0 / 4</p> <p>Milestone</p> <p><input type="radio"/> Milestone 4: PHP Structure Ready</p>	<p>+ Add task</p> <p>Completed tasks 17 ^</p> <p>Milestone</p> <p>✓ Milestone 3: Database Setup Complete</p> <p> Completed by Nadine Vidal on 1...</p> <p>✓ Database Setup</p> <p>2 / 2</p> <p> Completed by Nadine Vidal on 1...</p> <p>✓ Flowcharts</p> <p> Completed by Nadine Vidal on 1...</p>

25TH DECEMBER 2023 – COMPLETED IMPORTANT AND ADDITIONAL FEATURES

To-Do	In Progress	Complete
<p>+ Add task</p>	<p>+ Add task</p>	<p>+ Add task</p>
<p>Milestone</p> <ul style="list-style-type: none"><input type="radio"/> Milestone 10: Project Submission	<p>Testing</p> <ul style="list-style-type: none"><input type="radio"/> Testing : Core Functionality	<p>Completed by Nadine Vidal on 1...</p>
<ul style="list-style-type: none"><input type="radio"/> Improvement Implementation	<p>Documentation</p> <ul style="list-style-type: none"><input type="radio"/> Data Manipulation Techniques<input type="radio"/> Explain SQL queries and PHP functions used. <p>0 / 1</p>	<p>Milestone</p> <ul style="list-style-type: none"><input checked="" type="checkbox"/> Milestone 6: Additional Features Implementation <p>Completed by Nadine Vidal on 1...</p>
<p>Milestone</p> <ul style="list-style-type: none"><input type="radio"/> Milestone 9: Final Review and Polish	<p>Documentation</p> <ul style="list-style-type: none"><input type="radio"/> Document Database Setup<input type="radio"/> Describe the database structure and setup pi <p>0 / 1</p>	<p>Testing</p> <ul style="list-style-type: none"><input checked="" type="checkbox"/> Testing: Additional Features <p>Completed by Nadine Vidal on 1...</p>
<ul style="list-style-type: none"><input type="radio"/> Feedback Reviews	<p>Testing</p> <ul style="list-style-type: none"><input type="radio"/> Testing and Quality Assurance	<p>Milestone</p> <ul style="list-style-type: none"><input checked="" type="checkbox"/> Milestone 7: Complete Application Functionality <p>Completed by Nadine Vidal on 1...</p>
<p>Testing</p> <ul style="list-style-type: none"><input type="radio"/> User Testing: Feedback		

29TH DECEMBER 2023 – COMPLETED INTERNAL TESTING PHASE AND TECHNICAL DOCUMENTATION

In Progress

+ Add task

Milestone

- Milestone 10: Project Submission
- Improvement Implementation

Milestone

- Milestone 9: Final Review and Polish

Complete

+ Add task

Completed tasks 30

3RD JANUARY 2024 – COMPLETED IMPROVEMENTS SUGGESTED BY USER FEEDBACK

In Progress

+ Add task

Milestone

Milestone 10: Project Submission

Milestone

Milestone 9: Final Review and Polish

Complete

+ Add task

Completed tasks 31 ^

Improvement Implementation

 Completed by Nadine Vidal on 0...

Milestone

Milestone 8: Testing and Debugging

 Completed by Nadine Vidal on 1...

10TH JANUARY 2024 – FINAL REVIEW

In Progress

+ Add task

Complete

+ Add task

Add new bucket

Completed tasks

33



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