Sri Lanka Institute of Information Technology



IT3060 - Human Computer Interaction

Assignment 1

User Research Techniques

2024-WE-S1-46

Tech Titans

Group Member Details

Student Name	Student ID	Workload Distribution
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Wanasekara W.A.O.H	IT22170934	Edit Account Pricing Page Resellers And Drop shippers
De Silva K.G.G.C.D	IT22034236	Login/Register Products Page Sample Request
Himasha Y.H.P.	IT22347480	Contact Blinky Builder Page Shipping Policy Page

Table of Contents

Project Description	1
Alternatives considered	2
User Groups Identify	3
User Personas	4
Usability issues identified by the students	7
Scripts for contextual inquiry for 3 users	10
User Interview Video Links	16
Usability issues identified based on contextual inquiry	17
Ratings of the Usability Problems as High Medium and Low	19
Schedule (Gantt chart)	21
References	22
Appendix	23

Project Description

Blinkee.com is an e-commerce platform specializing in a variety of fancy items, including party combos, birthday arrangement items, electrical gifts, and toys for children. Known for their illuminated accessories, Blinkee.com caters to both individual customers and resellers, aiming to enhance events and celebrations with unique and eye-catching products.

Despite its success and a strong reputation built over 15 years of service, <u>Blinkee.com</u> faces several usability challenges that hinder user experience and operational efficiency. The current website design has more issues. Some of them are,

- Excessive White Space: Leading to a cluttered and inefficient use of the screen space.
- **Inconsistent Color Theme**: Lack of a cohesive color scheme affects visual appeal and brand identity.
- Misaligned Elements: Poor alignment of text and images disrupts the visual flow and readability.
- **Disorganized Footer**: The footer lacks structure and fails to provide essential navigation links effectively.
- **Messy Navigation Bar**: Overcrowded with links, making it difficult for users to find specific information.

After analyzing the Blinkee website, we are planning to redesign the website in an attractive and user-friendly manner. Our goal is to address these issues to enhance the overall user experience, making the site more intuitive, visually appealing, and efficient for both customers and staff.

Alternatives considered

Website	Reasons why we selected	
http://www.mlesnateas.com/	 The elements are not aligned correctly. The color theme is not appropriate. There is too much space. The font used is not suitable for web design. 	
https://arngren.net/	 The layout is disorganized. The navigation bar is hard to locate. The pages have inconsistent font sizes and colors. The content is not well-categorized. 	
http://www.lingscars.com/	 The homepage is confusing. It exemplifies a poor user interface. Click on the link to experience it for yourself. 	
https://theroommovie.com/	 Confusing homepage and questionable UI. Lack of navigation menu. Long, unorganized homepage requiring endless scrolling. 	
https://www.zara.com/ww/	 Fonts Style and color is not User friendly Complex and Confusing Navigation Cluttered Layout 	

User Groups Identify

• Primary User Group:

Regular Customer

Regular customers are individuals who frequently purchase products from Blinkee.com. They are familiar with the website's navigation, product offerings, and checkout process. These users are likely to be brand-loyal, often seeking new arrivals, discounts, or deals. Their experience with the site is generally positive, but they may have specific expectations regarding product quality, delivery speed, and customer service.

• Secondary User Group:

Novice Customer

Novice customers are first-time or infrequent visitors to Blinkee.com. They may be exploring the website for the first time, unfamiliar with its navigation and product categories. These users might require more guidance, such as detailed product descriptions, user reviews, or customer support, to make purchasing decisions. Their primary concerns include understanding the product offerings, ease of use, and trust in the website.

• Tertiary User Group:

Reseller

Resellers are customers who purchase products in bulk with the intent to resell them, either online or in physical stores. They are price-sensitive, often looking for bulk discounts, special deals, or wholesale options. These users have specific needs related to inventory management, shipping options, and customer support for large orders. Their interaction with the website may be more transactional, focused on efficiency and cost-effectiveness.

User Personas

User 1 – Novice Customer



PROFILE

Saminda Weerasinghe, a lecturer at a private institute in Sri Lanka, is well-versed in e-commerce but is exploring new platforms. He values a seamless shopping experience and relies on clear product information to make confident purchasing decisions.

EMOTIONS & ATTITUDES

- Calm and focused when navigating new platforms.
- Cautious but open-minded about trying new online shopping experiences.
- Appreciates efficiency and clarity in user interfaces.
- Attentive to detail, especially when reviewing product information.

SKILLS

Communication

Leadership experience

Computer proficiency

PERSONALITY

Extrovert

Problem-Solving

Public Speaking

FRUSTRATIONS

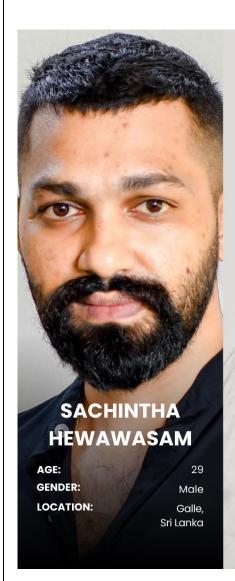
Adaptable

- Difficulty in navigating a cluttered or overly complex website.
- Difficulties in finding help or support when needed
- Overly complex checkout process with too many steps or confusing options.
- Lack of detailed descriptions, specifications, or images for products.

MOTIVATIONS

- Seeking a user-friendly, streamlined shopping experience with intuitive navigation.
- Desire for accurate and detailed product information that matches the real product.
- Easily accessible support options
- Motivation to find a platform that offers fast shipping

User 2 – Regular Customer



PROFILE

Sachintha Hewawasam, an Associate Tech Lead, is a loyal Blinkee.com customer who values its diverse products and user-friendly design. His technical expertise and keen focus on usability make his feedback essential in enhancing the platform.

EMOTIONS & ATTITUDES

- Confident and proactive when navigating and using online platforms.
- Frustrated by inefficiency or poor user experiences, especially on websites.
- Appreciates responsive and attentive customer service.
- Feels satisfied and valued when his feedback leads to tangible improvements.

SKILLS

Communication

Leadership experience

Computer proficiency

PERSONALITY

Meticulous

Loyal

Tech-savvy

Introvert

FRUSTRATIONS

- Encountering slow website performance or technical glitches during shopping.
- Difficulty in filtering and finding specific products quickly.
- Unresponsive customer service or delayed handling of inquiries.
- Inconsistent product descriptions or lack of detailed information.

MOTIVATION

- The desire for convenience and ease when shopping online.
- A preference for a reliable platform that consistently delivers on product quality and service.
- Satisfaction in knowing that his feedback contributes to a better shopping experience.
- Enjoyment of discovering new and interesting products that meet his personal needs.

User 3 – Reseller



PROFILE

Uditha Prabhasha, a UI/UX engineer and online party items seller, is known for his reliability and excellent customer service. His expertise in design and ecommerce ensures high-quality products are delivered on time, reflecting his commitment to user experience and client satisfaction.

EMOTIONS & ATTITUDES

- Confident and driven when managing his business, especially in client interactions.
- Frustrated by inefficiencies in the ordering process that impact his business operations.
- Values reliability and consistency, both in suppliers and in his customer relationships.

SKILLS

Communication

Leadership experience

Computer proficiency

PERSONALITY

Extrovert

Problem-Solving

Public Speaking

Adaptable

FRUSTRATIONS

- Inconsistent availability of popular products, leading to missed sales opportunities.
- Complicated bulk ordering process that takes too much time to complete.
- Lack of reseller-specific discounts or promotions, making it harder to maintain profit margins.
- Difficulty in tracking inventory levels on the supplier's website, causing stock management issues.

MOTIVATION

- Driven by the success of his business and customer satisfaction.
- Aims to stay competitive by securing timely access to high-quality, innovative products.
- Motivated by efficiency; prefers streamlined ordering processes to focus more on other business aspects.

Usability issues identified by the students

Name/Reg.No	Usability Issues	
IT22280138-Jayasooriya H.M.S.M	 Home page The user cannot recognize the current loading page in the navigation bar. Overwhelming amount of information in the footer. "Add to Cart" and "Qty Discount" buttons lack visual distinction. Lack of clear visual hierarchy to guide user attention. Contact information not prominently displayed. Header design is cluttered Users cannot easily return to the home page or restart navigation There is only one image for one item, the customer cannot get a proper idea about the product. The user can't identify the Logout button as a button. 	
	 Cart page There is a significant amount of white space on the page Placeholder for ratings but no actual ratings. Unclear shipping information. The user cannot identify the Subtotal of the product in the Cart table. 	
	 Checkout page Lack of clear section separation: The billing, shipping, and payment sections blend together. Important details don't stand out.(like total cost and payment options) cluttered order bill Displaying validation messages at the top of the page instead of near the input fields. 	
IT22032706-Dissanayaka R.M.L.R	About page Elements are not properly aligned Information is not presented clearly. The page has a lot of unused white space Various font sizes, styles, and colors are used Not attractive Address page The page lacks a clear visual hierarchy, making navigation difficult. More white spaces Various font sizes and styles used The interface is not user-friendly Small "Edit" links are hard to notice	

	Billing address form page No inline error feedback No phone number format guidelines Header design is cluttered Form is not attractive Form is too long
IT22170934- WANASEKARA W.A.O.H	Edit my Account Page Boring color palette. No clear indication of error handling for form inputs. Difficult to quickly determine what's inside of the page. Poorly structured content layout. Resellers-and-drop shippers Page
	 An unclear information architecture. poor user interface design. Many white Spaces. Image is not satisfied. Font sizes and styles do not match some locations.
	 Pricing page content layout is complex to understand Page colors are not matching Many White spaces Finding the contents of the page quickly is difficult. Font sizes and styles are not matching some locations.
IT22034236-De Silva K.G.G.C.D	 Login Page Show/hide password icon is not clear No success message after registering Hard to distinguish between login and registration sections Possible low contrast and screen reader issues
	 Sample Request Page Page lacks details about how to request a sample Text and image are not well-organized Page title is not very descriptive No clear call to action for users The page is visually uninteresting

	Products Page	
	Products are not organized uniformly	
	 Product names, descriptions, and prices are not clearly 	
	separated	
	 Ratings and reviews are not prominent 	
	No visible filtering options for products	
IT22347480-Himasha Y.H.P	Contact Page	
	 Page is not arranged properly 	
	 "Comments/Questions" section could be wider to encourage more detailed inquiries. 	
	Map is not working.	
	• There is a significant amount of whitespace around the form and contact information	
	Shipping Policy page	
	This page has no user attraction	
	The footer has a comprehensive set of links.	
	The map is not user-friendly. The colors are not eye-	
	catching.	
	The page lacks a clear visual hierarchy.	
	The search bar at the top is not clear what users can search	
	for.	
	Blinky Builder page	
	 This page has more white spaces. 	
	• Font size is small.	
	The "Choose File" button for uploading artwork doesn't	
	specify supported file formats or size limits	
	 The buttons "Make it Flash," "Make it Fade," and "Reset" do not explain their effects 	

Scripts for contextual inquiry for 3 users

1. Contextual Inquiry for Novice Customer

Background description of	Questions to be asked	Tasks to be given to the
the user	from the user	user
Saminda Weerasinghe, a lecturer at a private institute in Sri Lanka, is well-versed in e-commerce but is exploring new platforms. He values a seamless shopping experience and relies on clear product information to make confident purchasing decisions.	 Why are you using the Blinkee.com website? How long have you been using Blinkee.com? Can you explain your experience as a novice customer? Did you find what you were looking for after you entered the homepage? Have you faced any problems with the navigation bar? What is your impression of the "FEEL THE BURN" image on the homepage? What is your overall experience with the 	 navigate to Blinkee.com. Find and describe your experience with the homepage and its categories. Test the navigation bar and its functionalities. Review and provide feedback on the "FEEL THE BURN" image on the homepage. Navigate to product section and interact with the "Add to Cart" and "Qty Discount" buttons. Go to the cart page and test updating and deleting items.
	product section of the homepage?	• Evaluate the footer section for usability and clarity.
	• Were you able to add a product item to the cart by clicking the "Add to Cart" button?	 Proceed to the checkout page, enter sample information in form section.
	• What is your impression of the footer section on the website?	Navigate to the contact page and check the functionality of the map and contact information.

• Did you find any issues with the subtotal of your selected products on the cart page?	
• What is your overall impression of the cart page?	
• What do you think about the checkout page?	
• Did you face any issues with the form section on the checkout page?	
• Can you share your overall experience with the contact page?	

2. Contextual Inquiry for Regular customer

Background description of the user	Questions to be asked from the user	Tasks to be given to the user
Sachintha Hewawasam, an Associate Tech Lead, is a loyal Blinkee.com customer who values its diverse products and user-friendly design. His technical expertise and keen focus on usability make his feedback essential in enhancing the platform.	 How effective is the "Remember Me" feature on the login page? How would you rate the password reset process? Is it easy to use? How convenient is it to access account settings after logging in? How would you rate the clarity of the product descriptions? How effective is the search functionality on the product pages? Do you find the number of images or videos for each product sufficient? How responsive is the "Add to Cart" button? How easy is it to find product reviews or ratings? How clear are the form fields for requesting samples? How easy is it to request multiple samples at once? Is there an immediate confirmation after you submit a sample request? 	 Go to the login page. Attempt to log in using the "Remember Me" feature. Test the password reset process. Try to access account settings after logging in. Navigate to a product page. Check and update the product description if possible. Review the number of images and videos available for a product. Test the "Add to Cart" button for responsiveness. Look for and read user reviews or ratings for a product. Go to the sample request page. Fill out and submit a sample request form. Attempt to request multiple samples. Verify if you receive an immediate confirmation after
	How would you rate the overall user experience of the sample request process?	 Visit the About Blinkee.com page.

•	How would you describe the
	organization of the content
	on the About Blinkee.com
	page?

- Is the information presented on the page clear and concise?
- Do you find the visual layout of the page appealing?
- Is there any information that seems repetitive or unnecessary?

- Review the organization and layout of the content.
- Check if the information is clear and concise.
- Evaluate the visual appeal and note any areas of improvement.

3. Contextual Inquiry for Reseller

Background description of the user	Questions to be asked from the user	Tasks to be given to the user
Uditha Prabhasha, a UI/UX engineer and online party items seller, is known for his reliability and excellent customer service. His expertise in design and ecommerce ensures high-quality products are delivered on time, reflecting his commitment to user experience and client satisfaction.	 Why do you use this site? Can you easily find out information related to the reseller arfter you logging this web site? Could you navigate to the Blinkee.com Resellers and Drop Shippers page? Can you recognize what is the program for joining as a reseller? Are you satisfied with the user interface on this web page? Could you navigate to the Account page and login for it? Did you find some usability issues on My Account web page? Can you navigate to the addresses page and add shipping address? Are you agree shipping address form section user experience is good? Can you switch to the account details page and edit some details? How about User interface and user experience in account details page? 	 Navigate to www.blinkee.com. Navigate to the Resellers and Drop shippers page. Navigate to the Account page and log in to My Account. Add a shipping address by filling out the form on the Shipping Address page. Navigate to the Edit Account page and update some details on this page. Access Custom Blinkees from the navigation bar. Navigate to the Custom Product Pricing page. Upload custom artwork for your order. Submit the order. Try to navigate to the home page. Navigate to the Testimonials page using the Blinkee navigation bar.

• Can you navigate to the Custom blinkee page?	
• Are you satisfied on the Custom blinkee section?	
• How about the pricing page?	
How about Artwork upload button?	
• Can you fill out the form section and submit an order?	
• Give me to explanation about user experience in this form section?	
• Can You navigate to the Home page and access the testimonial page?	
• Is testimonial page usable for reseller?	

User Interview Video Links

User 1- Novice Customer

https://drive.google.com/file/d/1i2Qyr83QaRIYW-ZAo5c-j8Ih0lvQ6Qm1/view?usp=sharing

User 2-Regular Customer

 $\frac{https://drive.google.com/file/d/1TVMZ33WJGqhr17AM1aIgdcavpeDsHQ3d/view?usp=sharing}{ring}$

User 3-Reseller

 $\frac{https://drive.google.com/file/d/1Be4R_UKRUreR4EKKynyJUIjQo4REYgsE/view?usp=drive_link}{ve_link}$

Usability issues identified based on contextual inquiry

User	Interface Name	Usability Issue
Novice Customer	Home page	 Difficult to identify active page in navigation bar. The absence of profile and logout options in the navigation bar. Header design is cluttered and there are two search bars on the header.
	Cart page	 causing difficulty in quickly finding the total cost. Delete and update buttons are confusing to identify.
	Checkout page	 The checkout page was cluttered, with sections blending together. Validation messages for incorrect information appeared at the top of the page instead of near the input fields.
	Contact page	 The map on the contact page did not work and when click on map navigate to google.com. So many white spaces in the page.
Regular Customer	Login Page	 difficult and time-consuming to regain access since the Password Reset process has too many steps. The "Remember Me" feature fails to save the username consistently.
	Product Page	 The "Add to Cart" button is sometimes unresponsive, requiring multiple clicks. There is only one image for one item, the customer cannot get a proper idea about the product.
	Sample Request Page	After submitting the form, users don't get immediate feedback.

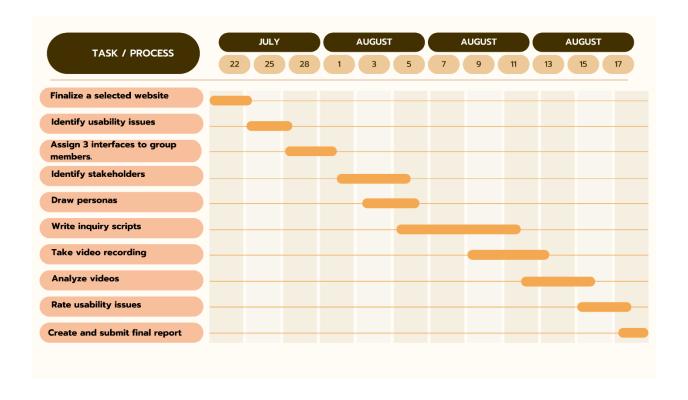
		struggle to fill out the form correctly because some fields aren't clearly explained.
	About Blinkee Page	 Poor organization of content results in a disjointed experience. The cluttered layout of the page overwhelms users.
Reseller	Reseller and Drop Shippers Page	the sections need to be separated for better clarity.
	My Account Page	 There's a lot of blank space on the page, making it look empty. The font color is too similar to the white background.
	Pricing Page	 The sections of information are not easily recognizable, and characters appear scattered all over. The light pink background with light, small-sized text makes it tough to read.
	Testimonial Page	The feedbacks are difficult to read, and there are no filters to help make it more understandable.

Ratings of the Usability Problems as High Medium and Low

Page	Usability issues	Rating
Home page	Difficult to identify active	High
	page in navigation bar. The absence of profile and logout options in the navigation bar.	Medium
	Header design is cluttered and there are two search bars on the header.	Low
Cart page	causing difficulty in quickly finding the total cost.	High
	Delete and update buttons are confusing to identify.	Low
Checkout page	The checkout page was cluttered, with sections blending together.	Medium
	Validation messages for incorrect information appeared at the top of the page instead of near the input fields.	Medium
Contact page	The map on the contact page did not work and when click on map navigate to google.com.	High
	So many white spaces in the page.	Low
Login Page	difficult and time-consuming to regain access since the Password Reset process has too many steps.	Medium
	The "Remember Me" feature fails to save the username consistently.	High
Product Page	The "Add to Cart" button is sometimes unresponsive, requiring multiple clicks.	High
	There is only one image for one item, the customer cannot get a proper idea about the product.	High

Sample Request Page	After submitting the form, users don't get immediate feedback.	High
	struggle to fill out the form correctly because some fields aren't clearly explained.	Medium
About Blinkee Page	Poor organization of content results in a disjointed experience.	Medium
	The cluttered layout of the page overwhelms users.	Medium
Reseller and Drop Shippers Page	the sections need to be separated for better clarity.	Medium
My Account Page	There's a lot of blank space on the page, making it look empty.	Low
	The font color is too similar to the white background	Medium
Pricing Page	The sections of information are not easily recognizable, and characters appear scattered all over.	Medium
	The light pink background with light, small-sized text makes it tough to read.	Low
Testimonial Page	The feedbacks are difficult to read, and there are no filters to help make it more understandable.	Medium

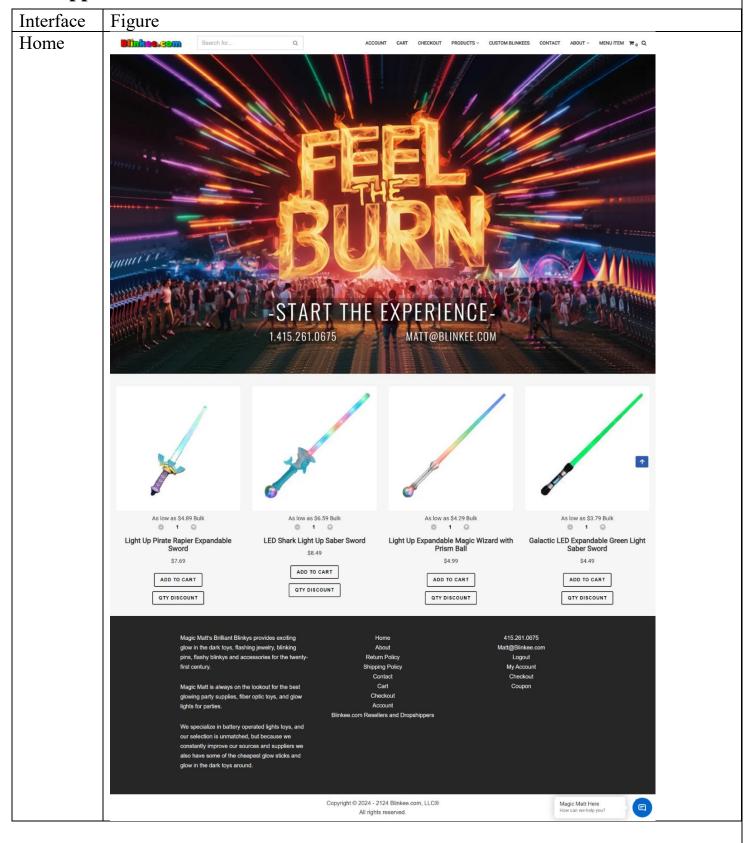
Schedule (Gantt chart)

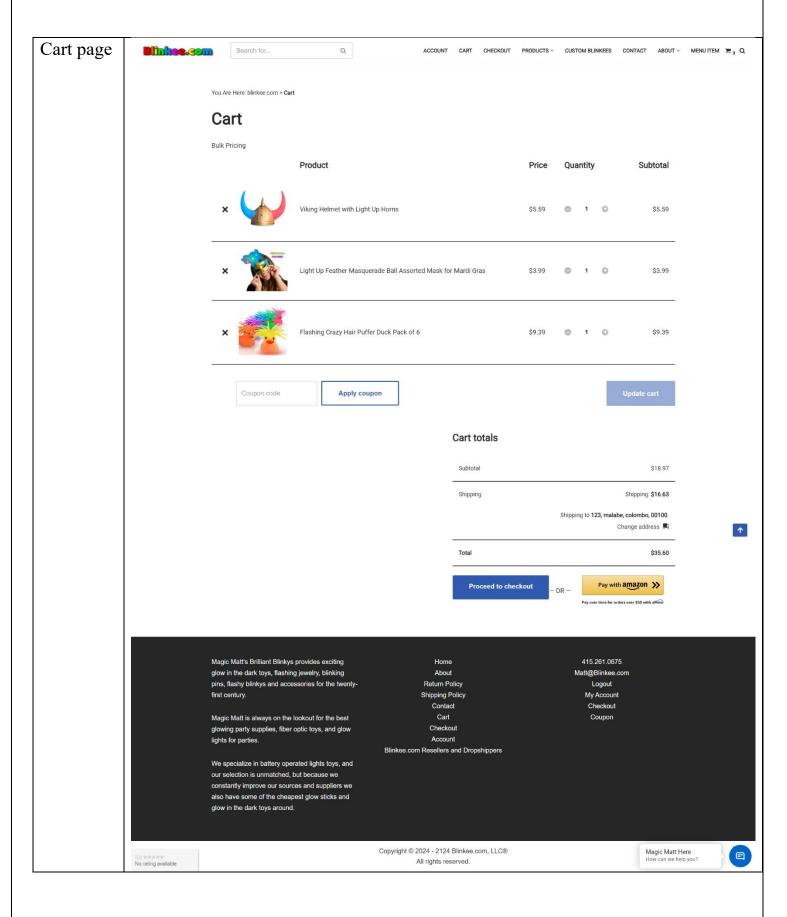


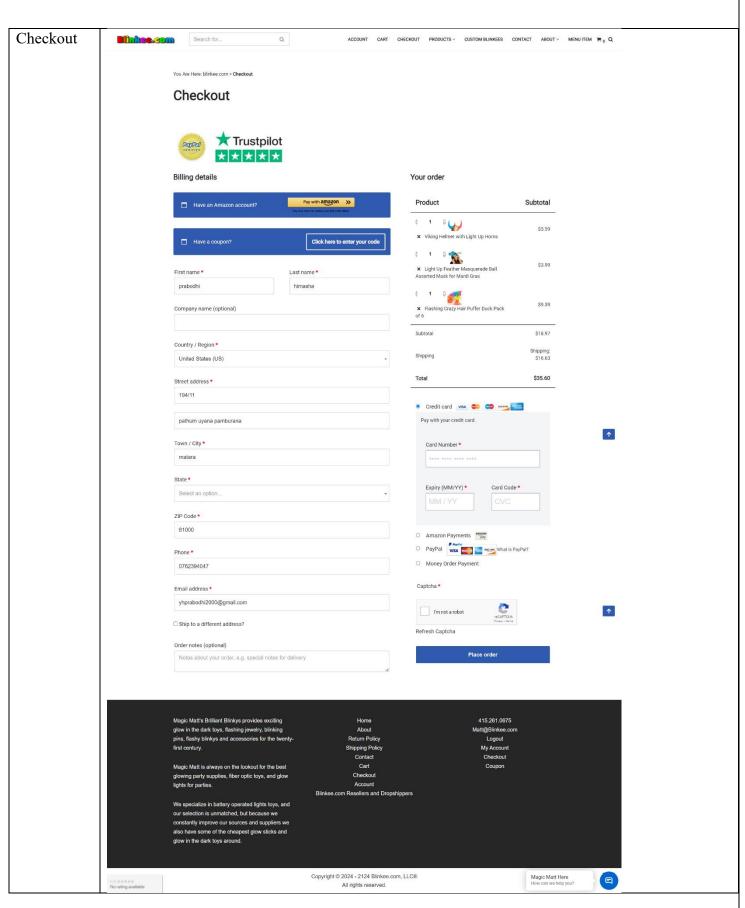
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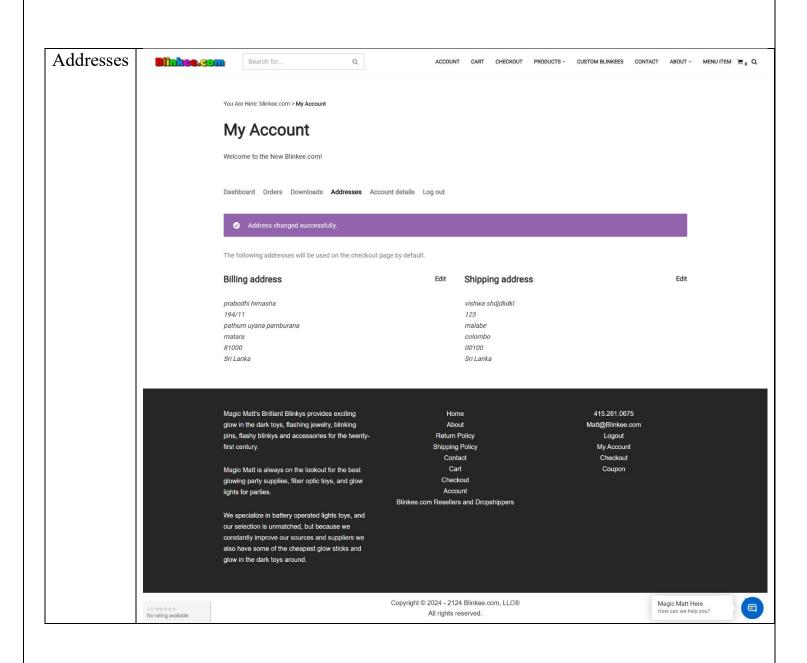
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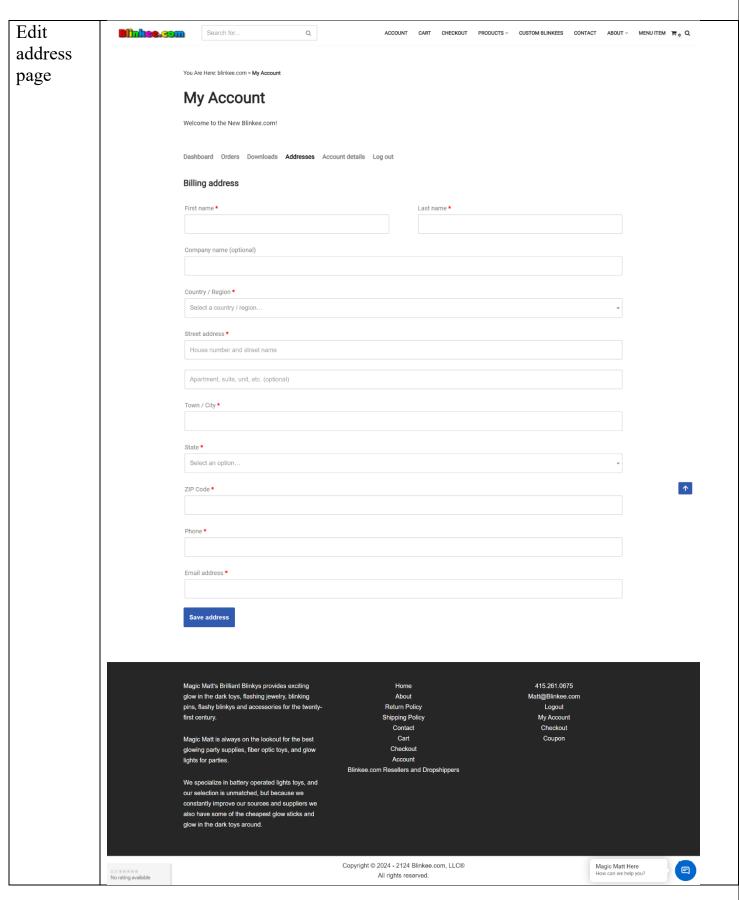
Appendix

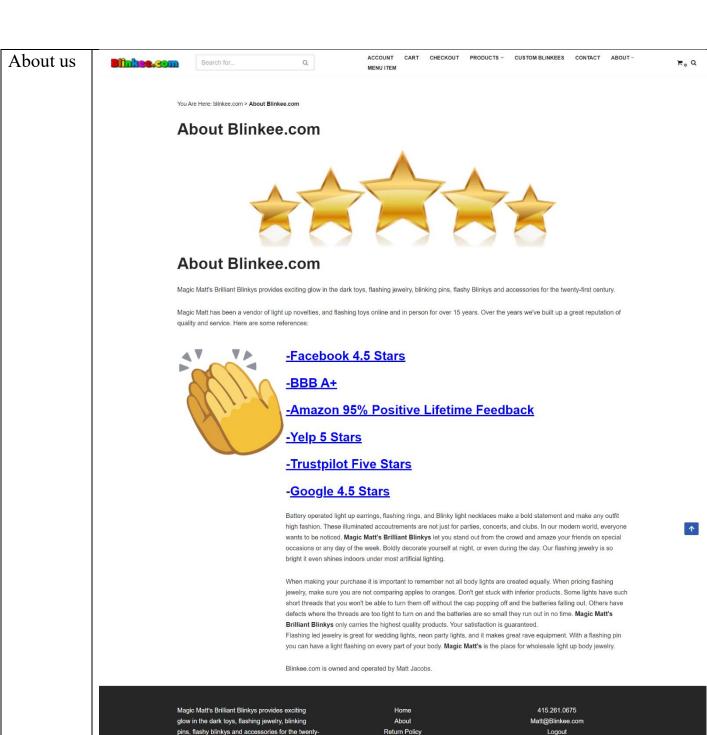




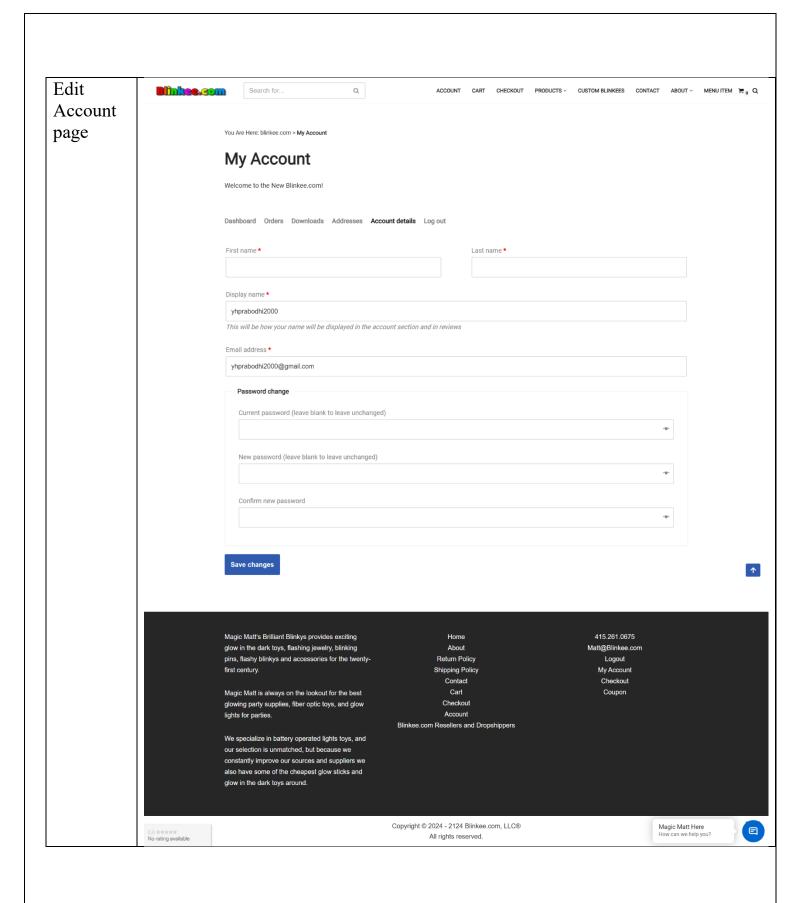


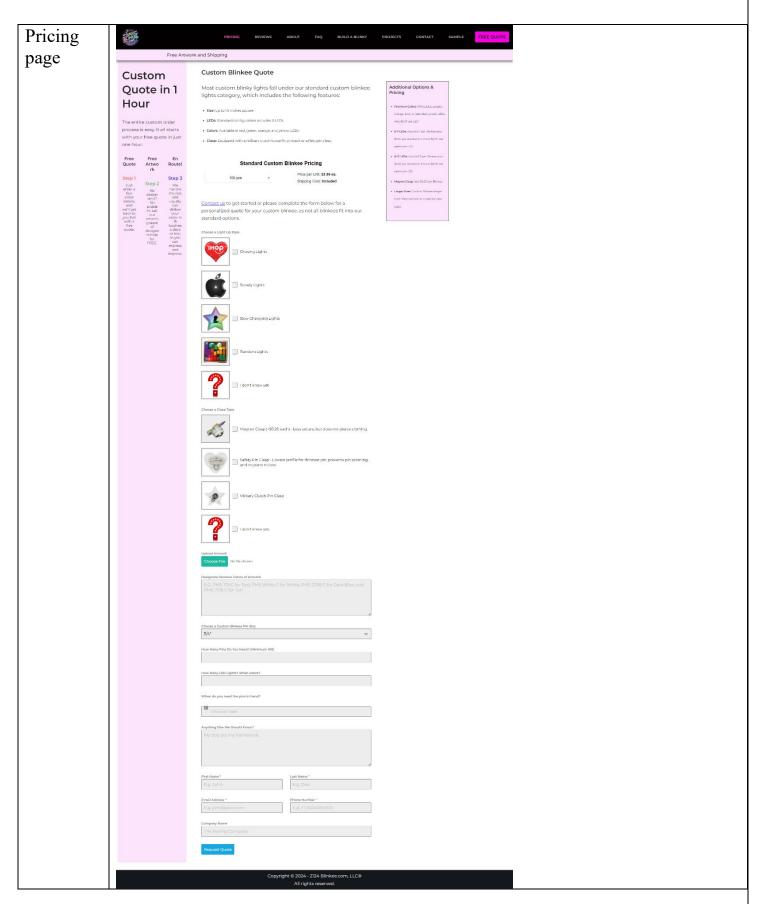


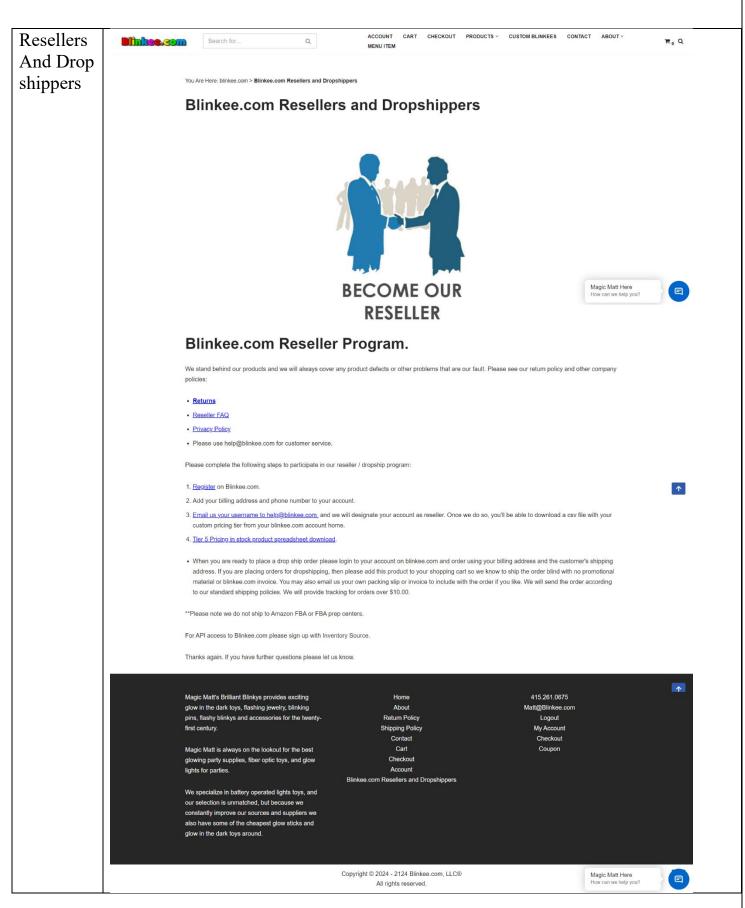


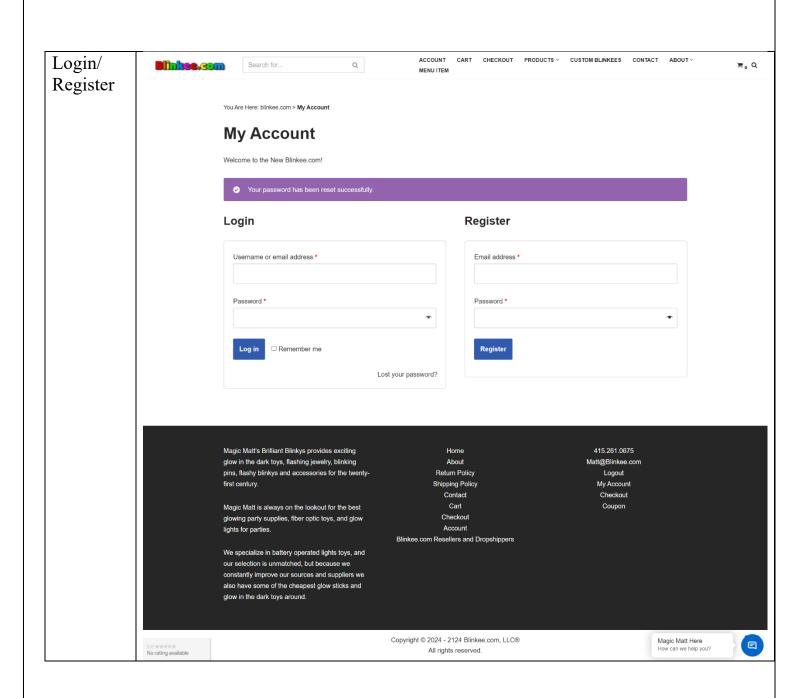


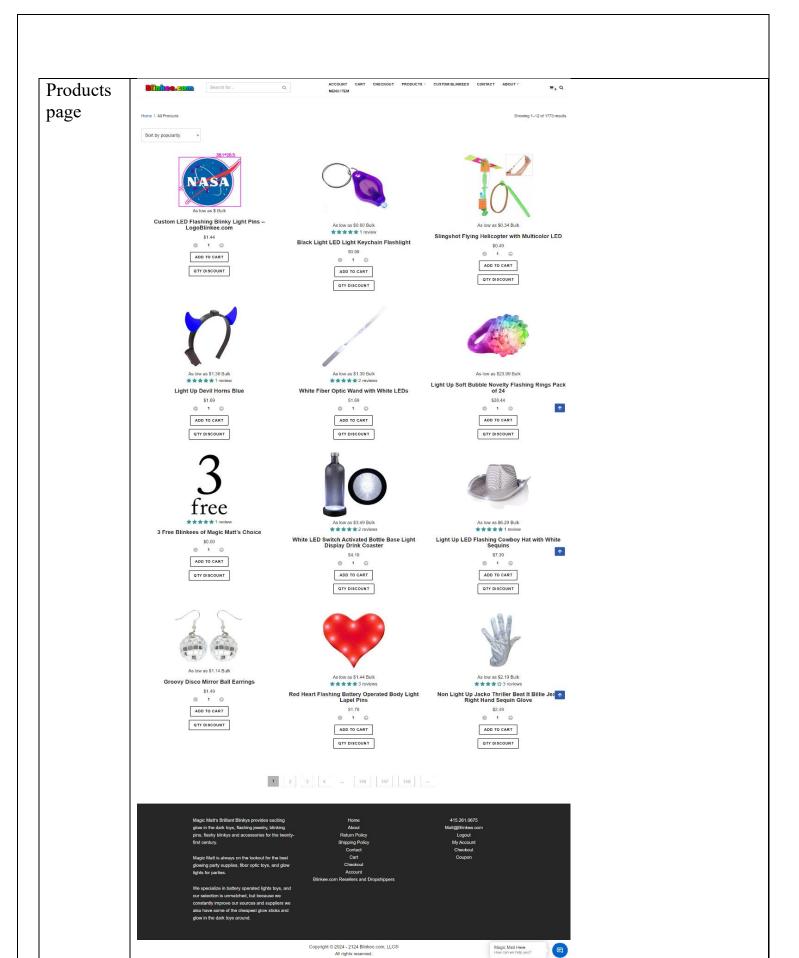












Sample Our Custom Blinkee Creations



Physical Sample:

Free Artwork and Shipping

Receive a physical sample of custom blinkee pins we've crafted in the past, mailed directly to you. Perfect for experiencing our quality firsthand.

Virtual Sample:

Get a virtual sample of your logo or design, animated with simulated LED light flashes in specific colors and areas. See your vision come to life digitally. For a rough idea <u>Build a Blinky</u>

Custom Physical Sample:

We offer a physical sample of your custom design produced and shipped from China.

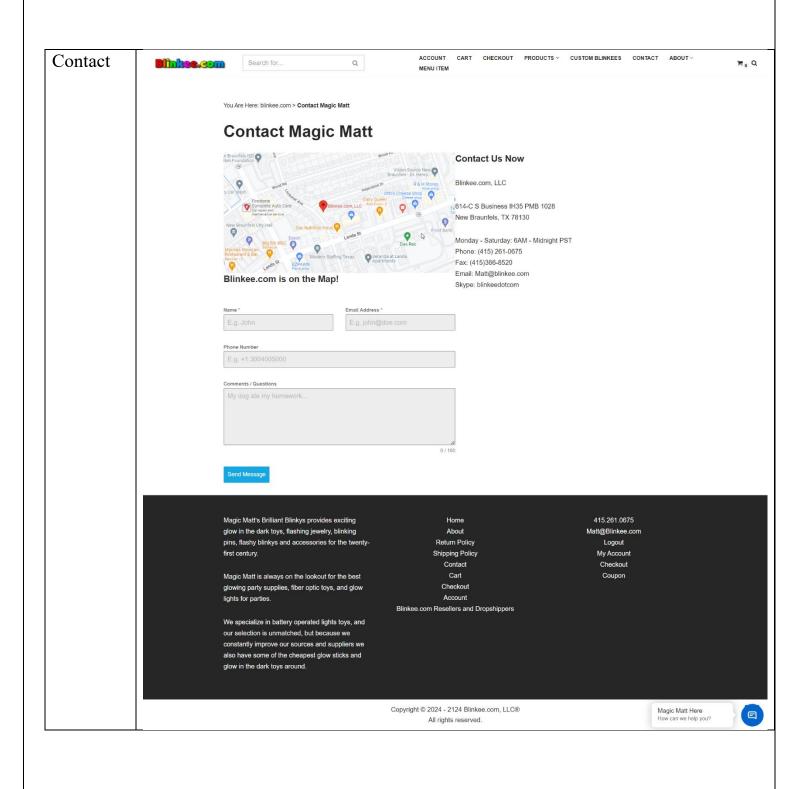
Specifications:

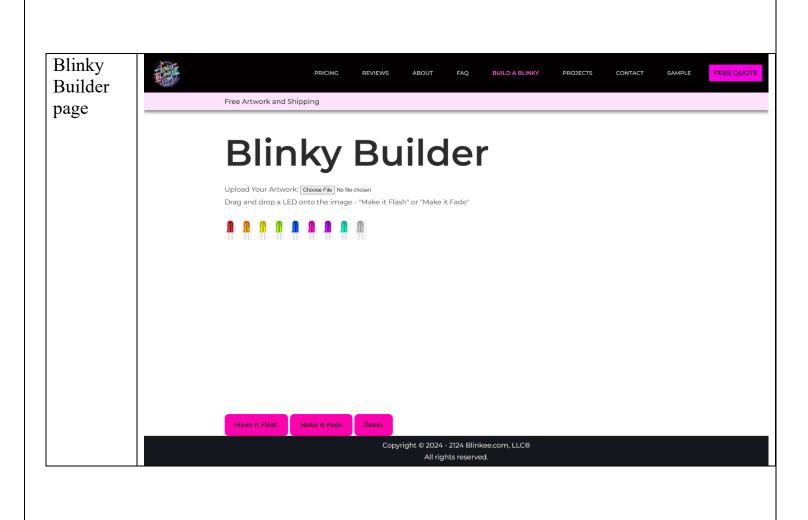
- Timeline: Working sample delivered in 2-3 weeks.
- Cost: \$150, with \$100 credited towards your final order of 100+ custom blinkees. If the order is declined, the \$150 is non-refundable.
- Approval: Sample will be redone if it doesn't match the approved design. Full payment required to begin full production after sample approval.

Experience the quality and uniqueness of our blinkee pins through our comprehensive sampling options!

<u>Contact us</u> now and let us know what type of sample we can provide.

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You Are Here: blinkee.com > Shipping Policy

Shipping Policy



Blnkee.com Shipping Policy

To calculate shipping cost please add your items to your shopping cart then click calculate shipping in the shopping cart and add your zip code and state. The cart will tell you. Contact Magic Matt for manual shipping quotes.

- FedEx Ground or US Priority Mail will be used for most shipments over one pound within the 48 contiguous states.
- Orders placed using "Ground" or "Express" shipping method ship the same day if placed before 12 pm PST.
- For express shipments after 12 pm PST please call to place your order.
- Orders placed using USPS may not ship the same day the order is placed and may not ship for up to 10 business days.
- Magic Matt's Brilliant Blinkys may ship orders using an equivalent shipping method to that chosen by the customer

Below is a map showing the UPS Ground Shipping timetable. Locate where you live in the colored area & you'll be able to determine the transit time for your package. This map is only an estimate.

Please Note: Refunds for shipping delays will only be honored for expedited services, orders with ground or USPS shipping are not eligible for a shipping refund should a delay occur. If a delay occurs when using any of our expedited shipping services, only a refund of the shipping charges will be given (per carrier service quide).



Magic Matt's Brilliant Blinkys provides exciting glow in the dark toys, flashing jewelry, blinking
Magic Matt's Brilliant Blinkys provides exciting glow in the dark toys, flashing jewelry, blinking pins, flashy blinkys and accessories for the twenty-first century.

Magic Matt is always on the lookout for the best glowing party supplies, fiber optic toys, and glow lights for parties.

We specialize in battery operated lights toys, and our selection is unmatched, but because we constantly improve our sources and suppliers we also have some of the cheapest glow sticks and glow in the dark toys around.

Home
About
Home
About
Return Policy
Shipping Policy
Contact
Cart
Checkout
Account

Blinkee.com Resellers and Dropshippers

415.261.0675
Matt@Blinkee.com
415.261.0675
Matt@Blinkee.com
Logout
My Account
Checkout
Coupon

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Magic Matt Here
How can we help you?



