

KITAB: Book Website



A

Report

Of

“Web Design and Development”

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1 BACKGROUND INTRODUCTION

The second-hand book market has undergone significant transformation in recent years, In prior to Nepal reasons like , Students increasingly leaving country , Frequent university syllabus changing, Digital alternatives becoming more popular has led to the downfall of book reading culture significantly. According to (Meet the keepers of old books, 2025) ,stores selling and buying old books are finding it hard to stay afloat. The piles of books are just stocking up high being unable to find the right customers. Book reading culture has significantly increased prior after Covid (2020-2022) as book stores has find ways to market their books through website, social media effectively as stated by(‘Books Reading Culture in Nepal’, 2023). So, it is important to second hand book selling stores must get along with the technologies in order to compete in this modern era. As there are enough consumers, we must find a way to let them know.

1.1 Introduction

“KITAB” is an online community-based platform where users can come together to share , trade and sell books and other educational materials easier than ever. It is seamless in design and highly functional which is easy to learn and get started , here users can create their own personalized store using many templates where they can showcase their books for selling/trading. Customers can also explore dive quickly into their interested genre of books to find , buy their likings. It is also highly community friendly ; allowing users to add like-minded friends, create groups, and directly message each other through the website.

1.2 Problem Statement

- In today’s age the market place of second-hand books is rapidly declining. The current store owners haven’t been able to advertise their service to the interested customers properly.
- Despite the growing demand , the traditional method of selling second hand books is often inconvenient and unstructured making both customer and the sellers hard to trade.
- As the books aren’t finding correct customers, most of them gets wasted as rubbish which lead to many environmental problems.

1.3 Scope

“KITAB” is an online community-based platform designed to tap into the niche of second-hand book buying/trading. The website aims to create an affordable and accessible solution for buying/selling/trading of second-hand books. This platform enables users to:

- **Buying and selling :** Customers can easily tap into their preferences section and choose of their liking ; Sellers can also enlist their product free of cost.
- **Efficient user communication:** This website facilitates direct and clear communication between book sellers and buyers , or traders in a quick and efficient manner.
- **Network building:** This platform provides a perfect platform for book enthusiast to connect and interact with people of same liking , People can add friend and chat with them in a very easy manner.
- **Own personalized store :** The users can create their own personalized online store in the store using many available templates in order to display their selling or to display their Wishlist of books.

1.4 Areas for Growth

“KITAB” while having many providing many facilities isn’t perfect. It faces many limitations like: This platform is based entirely on online so people with unavailability of internet or proper infrastructure may not be able to get benefited from it. Though people might be able to buy and sell books in a convenient manner situations of possible scamming hasn’t been given much thought. Currently the logistic part is to be managed by the sellers themselves so problems might occur while trying to sell/buy from huge distance apart. The problem is with the quality issue of the product , the product might not satisfy the expectations of the buyers so future enhancements are necessary on this problem.

2 DEVELOPMENT METODOLOGY

2.1 *Design Note*

The design of “KITAB” was made mainly focused to create seamless and user-friendly experience, with main priority to the accessibility and ease of use for our target audience. Soft and neutral colors are used mostly throughout the site to create a calm and peaceful atmosphere ,allowing user to focus on browsing and interacting with the site without any distractions. A simplified navigation system is added to help user to navigate through webpages easily and a robust search bar is present to help user easily find books based on specific genre, condition and price.

2.2 *Design Phycology*

The design was created with careful consideration of design psychology principles such as:

- **MILLER’S LAW:** We can keep about seven items in our working memory (Miller, 1956).
- **F- PATTERN:** Design for scanning nor reading.(Worcester Polytechnic Institute and Djamasbi, 2014).
- **HICK’S LAW:** Reduce the number of stimuli and get a faster decision-making process.(Hyman, 1953).
- **THE VON RESTROFF EFFECT:** If you want people to remember something make it stand out(von Restorff, 1933).

2.3 SNAPSHOT OF MOCKUP OF “KITAB”

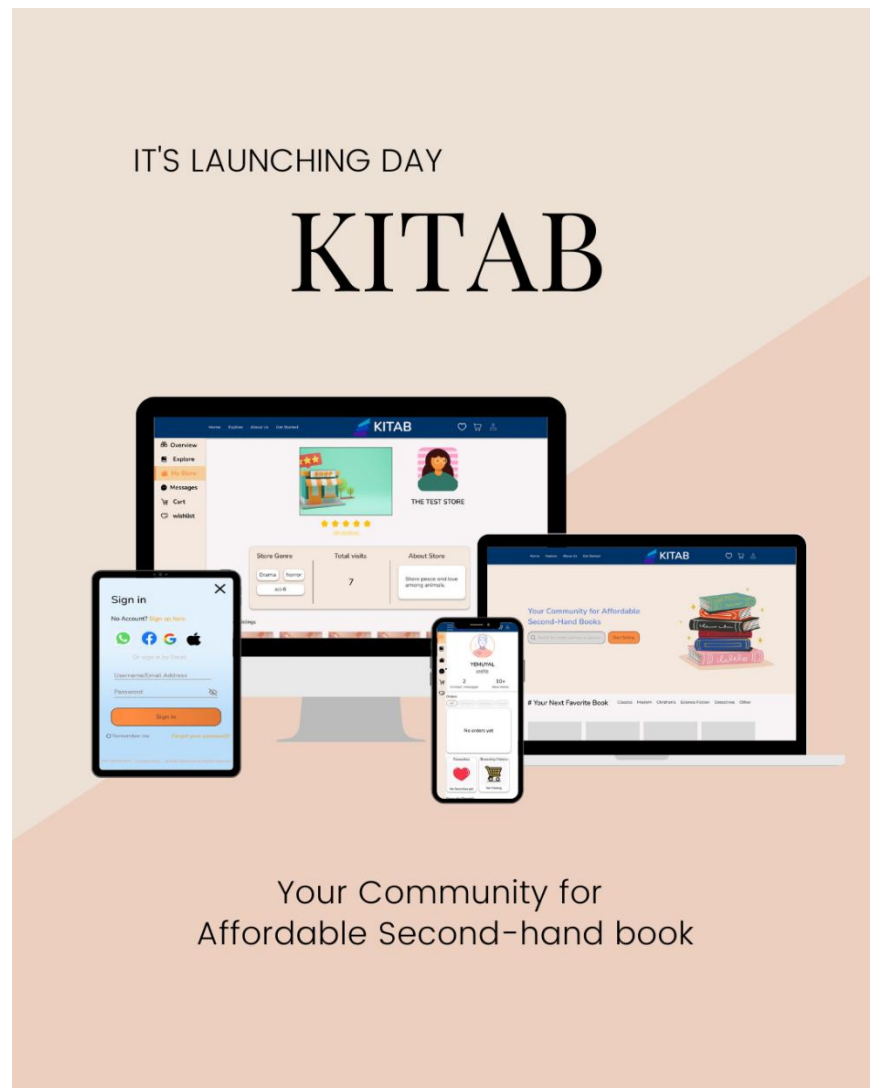


Fig 1: Snapshot of sitemap

2.4 Colors Used

The color palette was crafted with careful consideration of harmonious light tones. According to (Rello and Bigham, 2017) warm background colors significantly improved reading performances compared to other cool background ; so I used mostly light warm colors for background. Warm neutral colors are also used dominantly to create a cozy, inviting , and bookish environment. The Accent color was used for buttons and to highlight important information of the website which made them stand out from the neutral background color. This strategic use of color significantly enhanced the user experience in my website.



Fig 2: Snapshot of color palate

2.5 *Typography*

Font size and family plays a very important part in, how the website is to be viewed by the user. So, a lot of considerations is must while using proper typography. In designing our website, I focused on selecting typography that embodies a blend of formality and modernity. The chosen fonts were carefully curated to ensure readability and consistency throughout all sections. This approach not only enhances the visual appeal but also establishes a clear and professional tone that aligns with our design intentions.

Heading (H1)-WEB	Nunito (Bold , 36px)
Heading (H2)-WEB	Nunito (Medium , 32px)
Body text	Nunito (Medium , 22px)
sub-body	Montserrat (Medium , 14px)
links	Montserrat (Regular , 24px)
sub-links	Montserrat (Regular , 18px)

Fig 3: Snapshot of font used in Desktop view

Heading (H1)-MOBILE	Nunito (Bold , 24px)
Heading (H2)-MOBILE	Nunito (Medium , 20px)
Paragraph text	Nunito (Medium , 16px)
links	Montserrat (Regular , 14px)

Fig 4: Snapshot of font used in Mobile view

2.6 Snapshot of Sitemap of “KITAB”

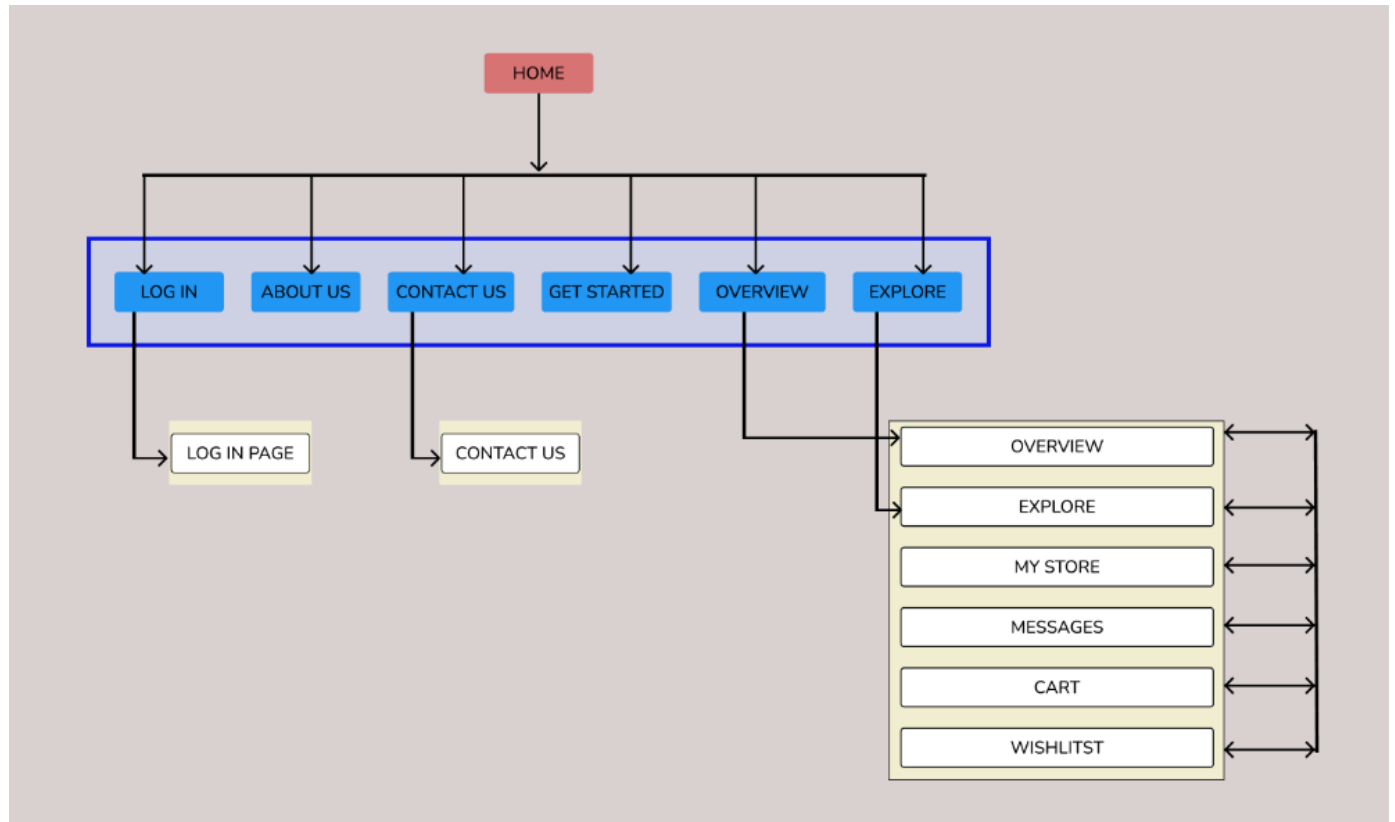
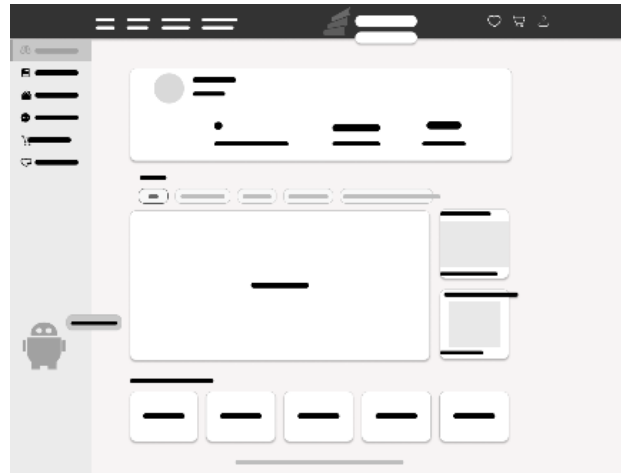


Fig 5: Snapshot of sitemap

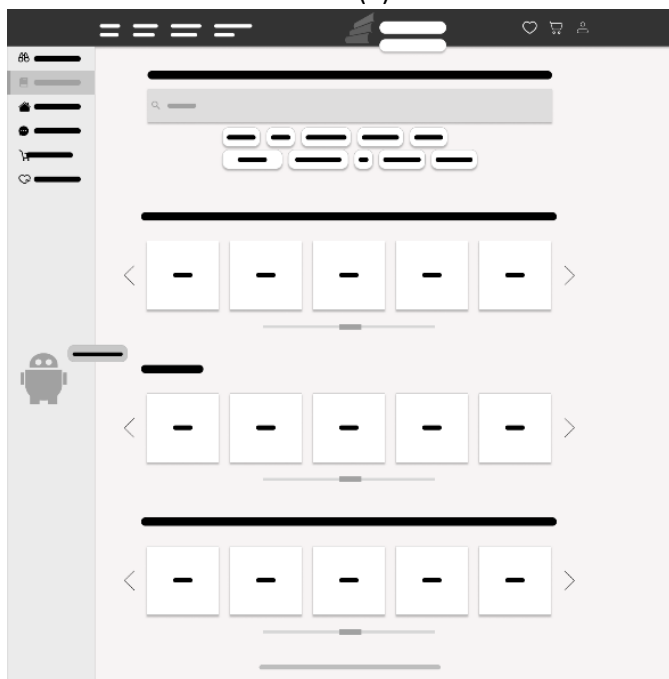
2.7 Wireframe(DESKTOP)



(7)

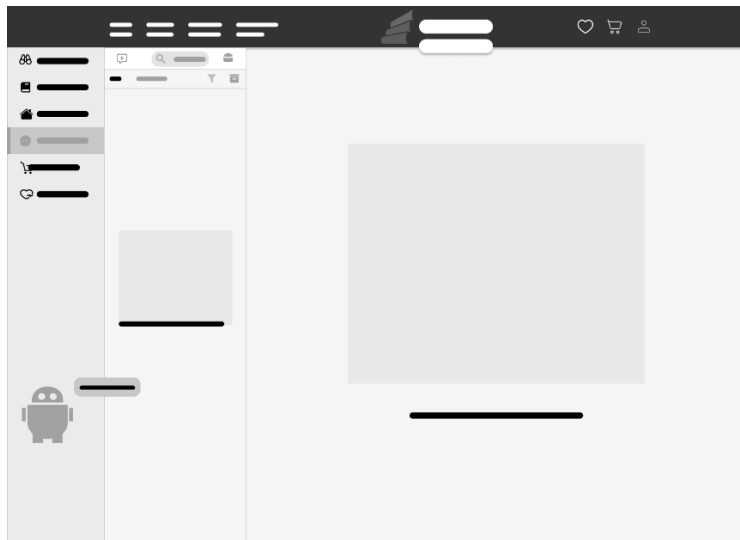


(8)



(9)

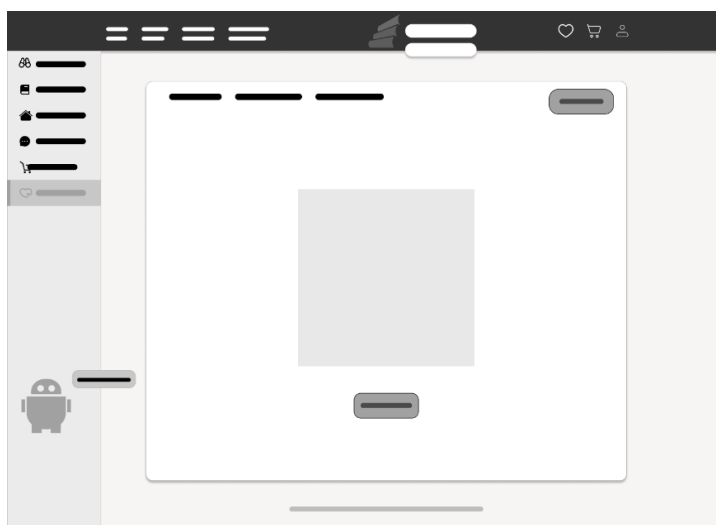
Fig (7-9): Snapshot of HOME,OVERVIEW,EXPLO



(10)



(11)



(12)

Fig (10-12): Snapshot of MESSAGE, CART, WISHLIST



Fig (13-15): Snapshot of LOGIN,PROFILE,CONTACT US

2.8 Mobile Wireframe



Fig (16-18): Snapshot of HOME, OVERVIEW, EXPLORE)

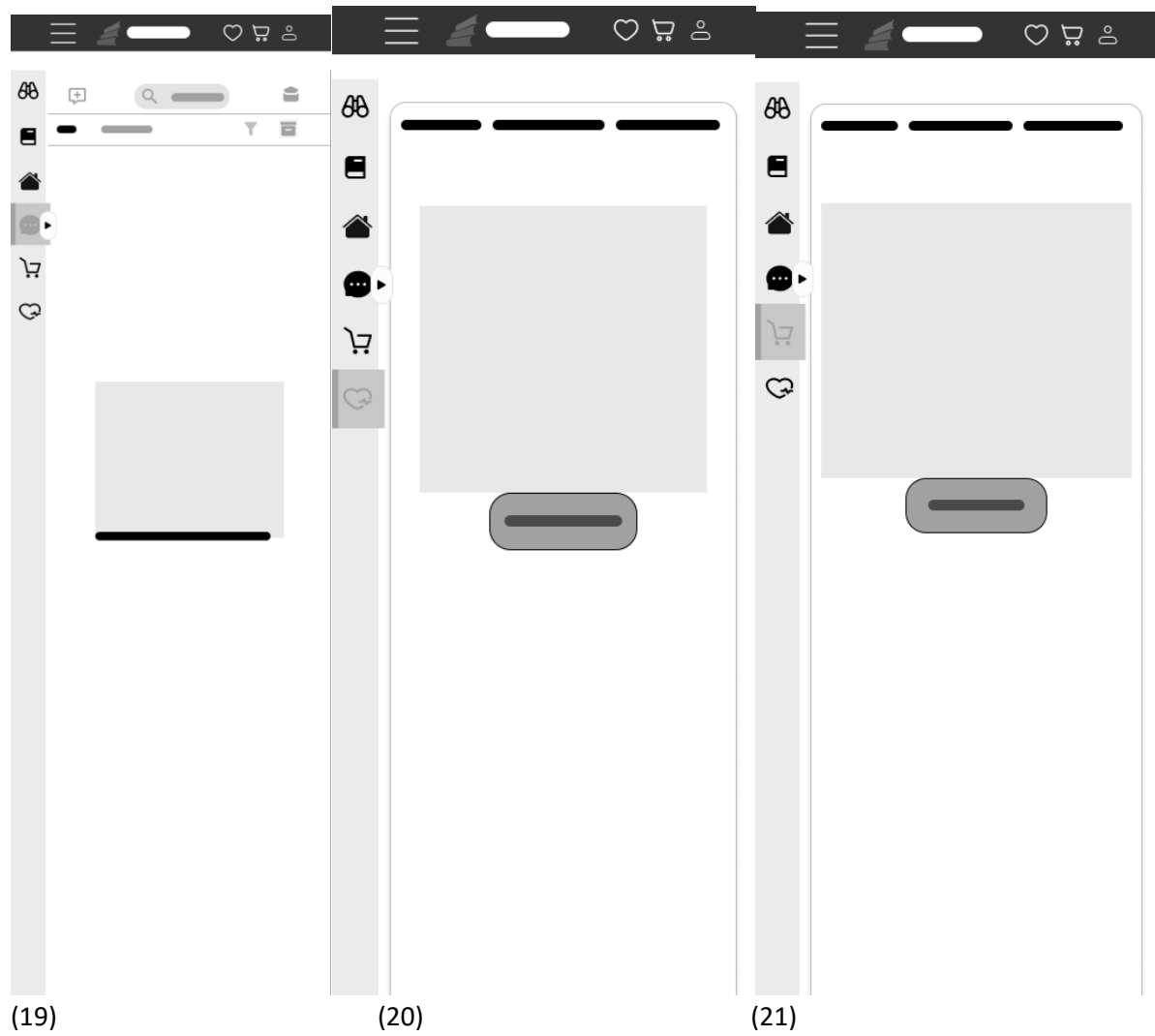
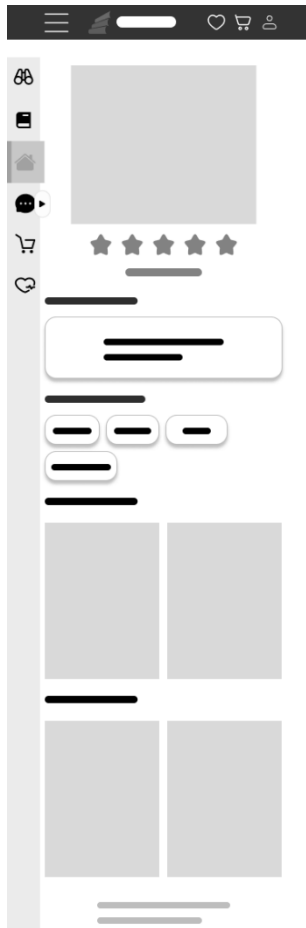


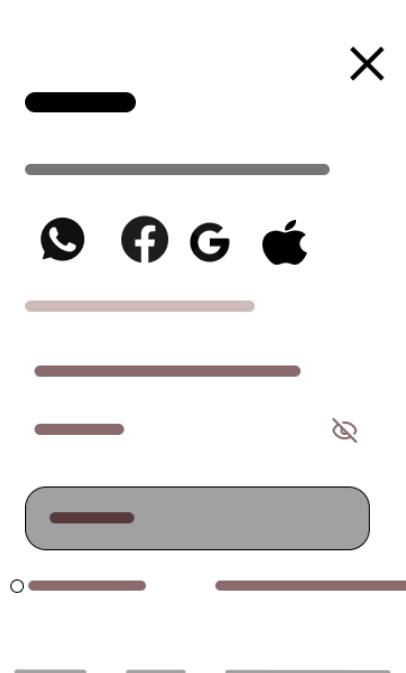
Fig (19-21): Snapshot of MESSAGE, CART, WISHLIST



(22)



(23)



(24)

Fig (22-24): Snapshot of PROFILE, CONTACT US, LOGIN

3 Testing

For the testing of “KITAB” , we mainly focused on its functionality , usability and accessibility. Volunteers were given the site design and told to use it for a while then fill out a review form containing many questions , focusing mainly on the functionality, usability and accessibility of our design.

a) Usability

Questions:

- Was the site easy to navigate through and use? Why ,why not?
- Could you find the information or feature you were looking for? If not, why?
- Were there any parts of the design where you felt "lost" or unsure of what to do?

b) Functionality

Questions:

- Do all the buttons and links works as intended ?
- Were there any broken interaction or error?

c) Accessibility

Questions:

- Was the site eye straining?
- What type of feeling did the site gave(messy, peaceful, minimalistic) ?
- Did the important features of site stand out in first glimpse?
- What was the overall review of the site?

3.1 Result:

From the response of 10 interested volunteers, following conclusions were drawn:

Positive conclusions:

- I. The site was not overly cramped , and everything was easy to process and navigate through.
- II. The color of log-in , buttons and navigation bar made it very catchy to the eye.
- III. The background color was soft and non-straining to eye ,creating a cozy and visually comfortable experience.
- IV. The links and tabs were working fine as intended.

Insights for Refinement:

- I. Some of the colors appeared mismatched, creating visually unharmonious effect.
- II. Some texts were small in with and very dim which made it hard to read.
- III. The contrast on buttons were too much.
- IV. The mobile view version was looking a bit too cramped.

The testing process provided valuable insights that helped refine the design of "KITAB." The views of volunteers were taken in care and worked upon to make the site more user friendly ,functional and accessible.

4 Recommendation and Conclusion

4.1 Future Enhancement

For future enhancement we are planning to add some features like , live chat system with staff: so that we can help assist our customer more conveniently. Further there are some pages missing which will be added in future update. As well as we are planning to make a community site where people can make groups and make books community where a sum of people can share their experiences and thoughts.

4.2 Conclusion

Our website is made to help people sell and trade their second-hand books and materials in a convenient manner . Interested users can make their personalized store and display the materials they want to sell or trade. The site helps people to connect with similar mindset and encourage the book sharing culture among people. There are some limitations for the site right now but future projects are going to solve them as well as bring in more features.

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(All the icons are used from Iconify)