TEAK LAND

Group NO.4   Section 6W1

	Student name	Student ID	Task	Mark
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2	Fay almanea	439002403	Background information…	
3	Nada alhotan	439000792	User interface	
4	Layan alsubaihi	439003946	User interface	
5	Maha alshaya	439000210	Conclusion	

CS351T – Human Computer Interaction
Second Semester 1441- 2020

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ABSTRACT

Teak land is a furniture shopping application that enables users to check for various types of furniture from the comfort of their homes. We called it "Teak land" for our furniture quality. Teak is the best type of wood, and it has the highest quality. It lasts long, and it is waterproof too, which makes it the most desirable for furniture.

INTRODUCTION

Our furnishing needs change as our lives go through changes. We need furniture to live more comfortably, and we use it for storage, sitting, and sleeping. It is also there to express our sense of style, in addition to the fundamentals. Our furniture changes as our desires and conditions shift.

Our goal in Teak land is to give the user a better experience with furniture shopping. Many users have a busy life and don't have time for shopping at the store. Hence, We ensure to do the best to give the users a full view of each piece by providing a detailed description and 3D view option. We offer many different designs of furniture but, users may have specific design needs. So, we enable the user to customize their piece. Besides, we provide the user with many payment method options like cash on delivery and PayPal.

Our application is applicable anytime and everywhere as long as you have internet. You can shop or design your piece and receive it within a reasonable time.

BCKGROUND INFORMATION & RELATED WORK

We aim to make home furnish easier, by offering many services to customers, including design request service and communication with the designer. View product reviews and various payment methods.

We designed the application to be as easy and clear as possible. We ran into some problems when we tried the system on some random users, but they were minor problems.

AlRugaib Furniture is an application related to our work. it has some advantages: a good classification for each section, search using the barcode scanner, the ability to change the currency but on the other hand it has some disadvantages: it does not provide an enough description of the items, no cash on delivery payment, the app also needs some improvements in terms of the interface. Unlike our website where it supports these weakness aspects.

User Interface, Implementation and Testing

| Task Name	Task Time	Number of Errors	Comments	Suggestion to improve Task Design
1. Create an account	1m 12s	0	Generic account creation process	None
2. Log in	16s	0	Generic log in process	Allow the user more options to log in (e.g., email, phone number)
3. Check orders	7s	1	User went to the Shop tab	None
4. Check the offer area	3s	0	Eye-catching colors and font made it hard to miss	Changing the alignment to the top will make more sense based on the frequency of visiting
5. Check the Livingroom category	5s	0	Clear	None
6. Sort by price from low to high	2s	0	Clear	None
7. Add item to the shopping cart	6s	0	Clear	The item's details should be viewed per request instead of being always in display and using space
8. Search "Pink Sofa"	11s	0	Generic search process	None
9. Checkout	47s	0	Clear	Going through pages instead of dropdown menu will make the process more efficient
10. Log out	5s	0	Predictable and clear	None

Result: The user didn't face any major difficulty performing the giving tasks.

Task Name	Task Time	Number of Errors	Comments	Suggestion to improve Task Design
1. Log in	13s	0	It is clear	none
2. Sign up	25s	0	clear	none
3. Search	30s	1	User may mistake his spelling	none
4. delivery	1m	1	User entered the wrong location	Make the program automatic locate
5. choose payment method	3m	0	Easy	none
6. log out	5s	0	Simple and clear	none
7. password reset	5s	0	Clear and easy	none
8. Notification	6s	0	Clear	none
9. Read review	10s	0	No difficulty	Have someone say it in a voice instead of being read by the user
10. Message to designer	50s	0	No difficulty	none

Result: All are simple and clear to the user, except for determining the site and searching, because he may mistake the site and may have spelling mistake.

Final Result: The application is usable, effective and learnable. The users can perform 95% of the tasks with 0 errors.

USER INTERFACE
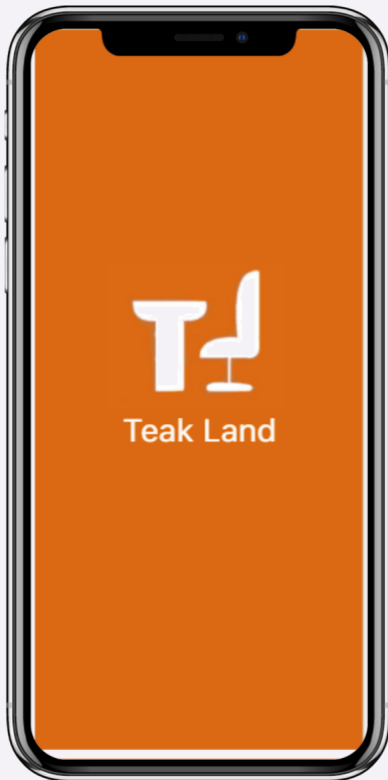
This is the opening screen, and it shows the logo that we designed for our application.
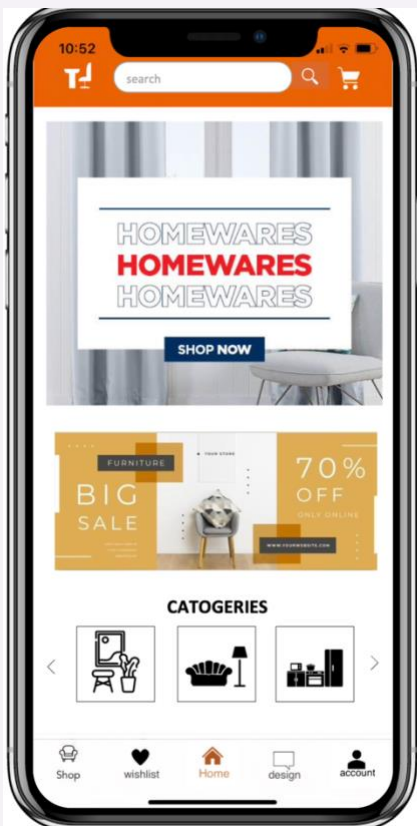
In the home page the user can find our latest offers and sales and he will be directed to this page after the log in or sign-up process and also, we provide a search engine to any direct access.
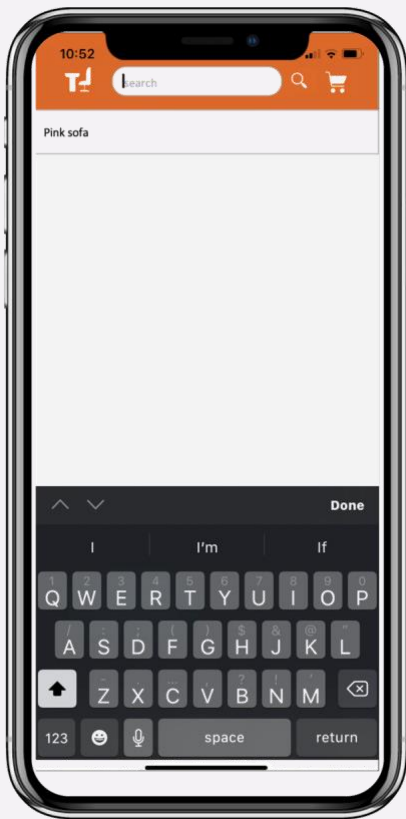
In the search screen we provide a searching engine that shows the search history and give suggestions to make the searching process more efficient.
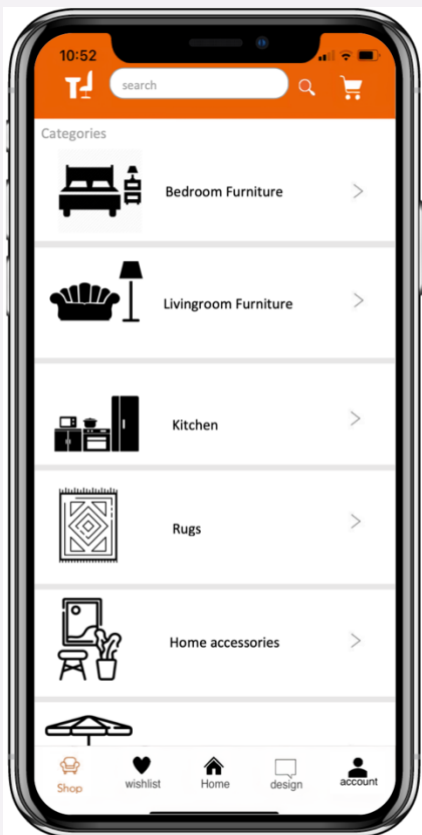
In this tab the user can view all the categories we have to make the shopping journey way easier and clearer.
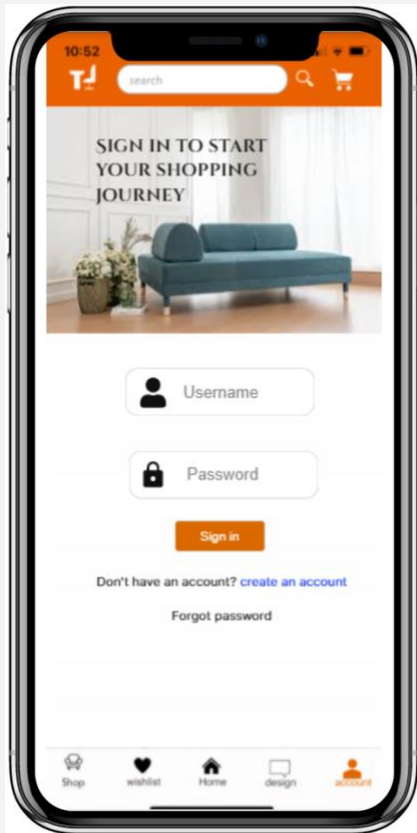
In the account tab the user will be asked to sign-in using their username and password with the option forgot password for a secure and easier password recovery, also, there is a create an account option for new users.
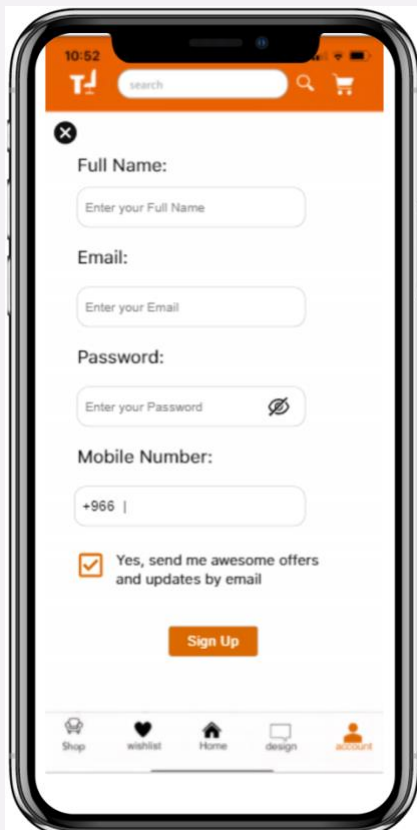

In this screen the user will be able to sign-up to create an account by filling the required information and pressing sign up.
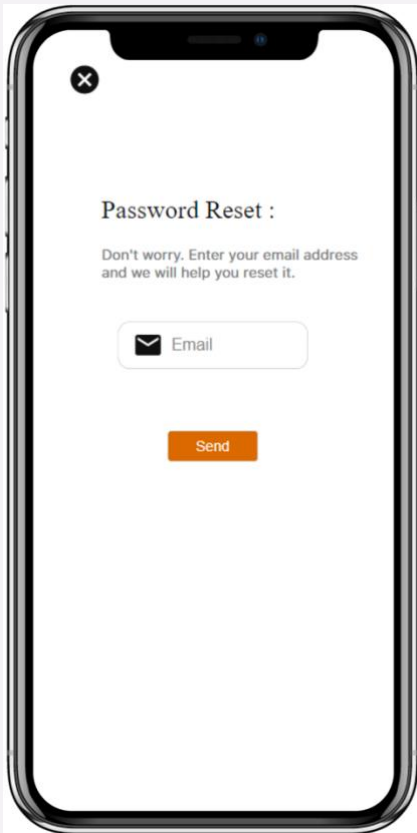
If user chose forgot password option, they will be directed to this screen where they will be asked to enter their email address to send a secure link to rest the password.
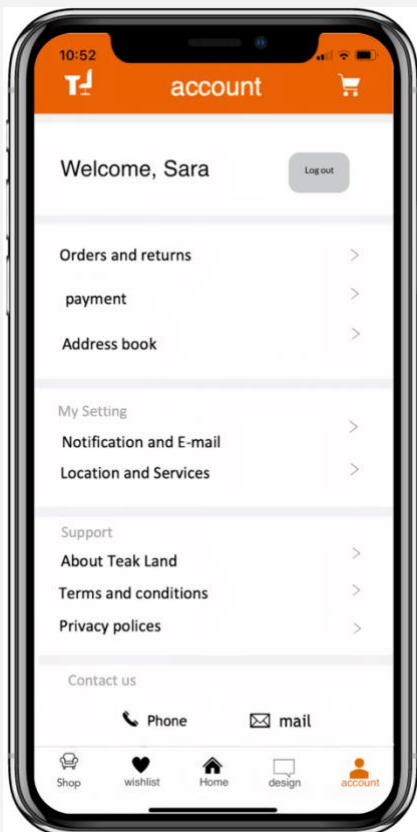

In this page the user can log out and can info all his data like orders…etc., and update them if they want also, they can reach us out, and change the application setting or view our policies.
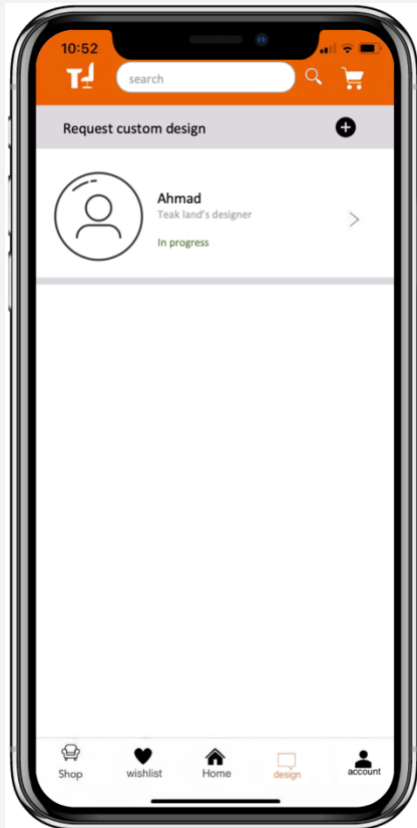
Here the customer can request a designer to take their opinion or any other services that we provide and have a fully private conversation with the designer.
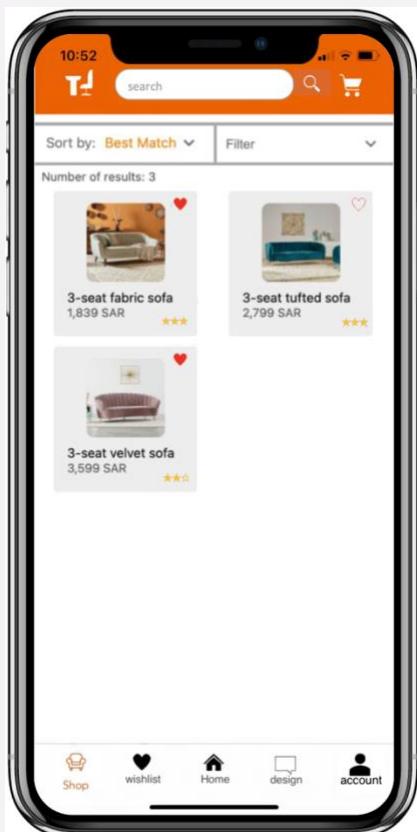

This screen will appear to the user after pressing a category to shop from or to display a search result, and in it the user can see the number of result available, sort result by best match, most popular or prices. Next to that the user can choose to filter result by category, colors, materials and prices. Also, the user can add items to their wishlist by clicking the heart icon which turns red if added.
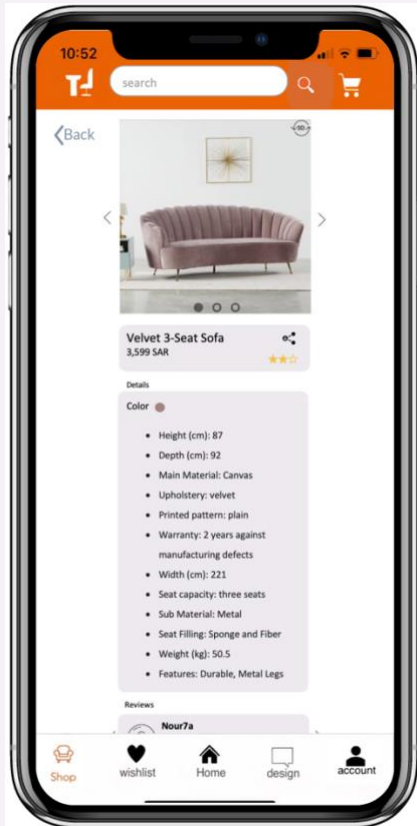
This screen appears once the user presses on an item where they can view multiple pictures of the item or view it in a 3D view, the user can share an item, read details about the item such as color, dimension, material warranty and many other information. And if the user scrolled down, they could read reviews left by buyers.
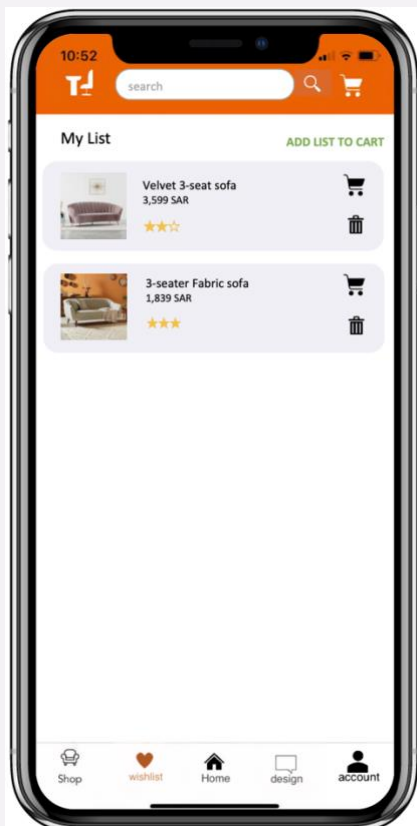

In the wishlist tab the user can view all the items added in the list, add them individually to their cart or add the whole list, and delete the item from the list.
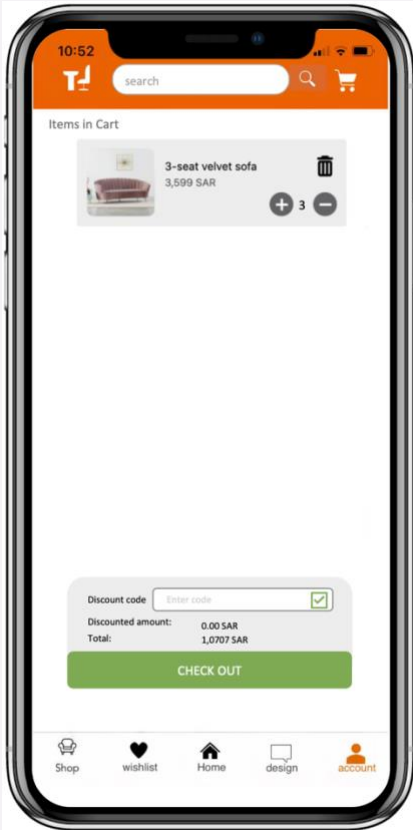
Here the user can view their shopping cart and the items they will buy and change the quantity or delete some items, and also, they can add a discount code then press the checkout button to procced with the next screen.
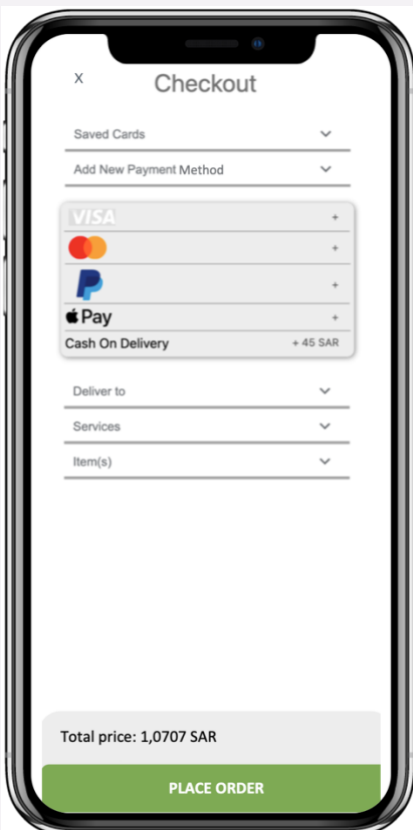
In this screen the user can checkout after filling the required information -payment, address and optional services- and see the total price before pressing the button to place the order.
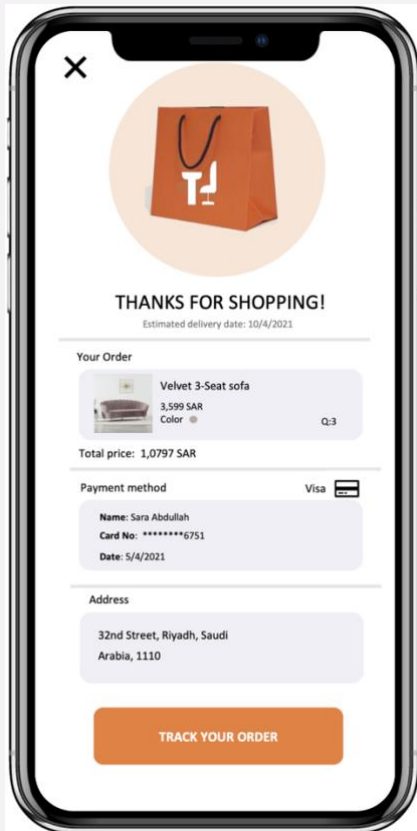
After placing an order, the user will be directed to this screen where they can see the estimated delivery date, order, brief summary about the payment, address, and the user can track their order by pressing the button at the bottom.

After pressing track your order user will be directed to this screen where they will see graph representing the tracking line and the user is able to cancel the order before being completely processed.

Conclusion

Through an application on the Internet, we helped a large number of people to furnish their home, which is difficult to furnish homes and needs time and good coordination, so we put several advantages to help them, including enabling users to communicate with the designer and tell them of their desire and display detailed information about the furniture and display the furniture in the form of 3D and in the future we would like to We make reading the instructions by voice instead of being read by the user and also determining the location automatically from the application.

REFERENCES

[1]"Ashley Furniture HomeStore | Home Furniture and Decor in Saudi Arabia", *Shop.ashley.sa*, 2021. [Online]. Available: https://shop.ashley.sa/. [Accessed: 31- Mar- 2021].

[2]"Marvel - The design platform for digital products. Get started for free.", *Marvelapp.com*, 2021. [Online]. Available: https://marvelapp.com/. [Accessed: 31- Mar- 2021].