

Apply E-Enterprise Integration's Tool on The Sharing skills platform

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Abstract. Numerous sharing platforms are booming and the annual output value has exceeded 15 billion U.S. dollars. When the shared economy sets off an all-round revolution in which everything can be rented, what else can be shared? Yuhan Skill Sharing is an interesting site for renting skills that belongs to the C2C service trading platform, helping people who have free time or skill to quickly convert skills into money! If you have any skills needs, there are many skilled teachers, you can buy his time or skills, quick appointment to the skills teacher! If you have time or skills, there are numerous users waiting in line to find you tens of thousands of daily needs, to help you achieve the dream of the boss or the teacher! The vision of Yuhan Skill Sharing is to become the world's leading personalized C2C service trading platform, committed to allowing users to buy or sell "skills" as easy as shopping on Taobao!

Keywords. sharing economy, excess capacity, surge pricing

1.Introduction

Sharing economy is also called cooperative consumption, its core is "use without possession", a person's extra time, have the skills to share with others. This concept is very popular in Europe and the United States, but also by the capital market. The concept of China's leading share-based economy also attracted a batch of entrepreneurs to join them.

Based on these issues, this article aims to design a web page for customers in order to provide a high-quality platform to users, allowing sellers to sell their skills to earn money, and buyers can also learn invisible knowledge through this platform. This form reduces the threshold and complex procedures for opening a shop, and does not charge any fees, but also supports the daily withdrawal, will be credited in 1 to 2 days later. Through the web platform, as shown in Figure 1, research can bring benefits to customers and manufacturers. For customers, the website can provide appropriate dietary advice, will be provided by personal conditions. Second, due to the integration between the stores, various products and stores allow customers to choose what they want and their feet.

Finally, when the order is completed, the platform records your daily routine and suggests your diet. For manufacturers, the website provides a way to advertise and market their products through online registration.

Yu Han skills sharing platform is a P2P skills service sharing platform designed to serve the needs of users who are skilled and willing to share professional skills to build a bridge to help possess professional skills in the mobile phone technology quickly with their own skills. Open a shop, while helping users with service needs to provide local skills below the market price. The company's ultimate vision is to allow users to choose or use local professional services as easy as shopping on Taobao. Serve all artisans who have professional skills.

For customers and sellers. For customers, the website could offer suitable skill to them. Second, because of integration among stores, various products and stores allow customers to choose what they want and feel their self. For sellers, the website provides a pathway to expose and sell its' skill by register online.

YuHan skills sharing platform is to reduce the threshold of professional skills shop, so that shops are more people know, and mobile phone shop more freely, more convenient to manage their own time, make their time more efficient.

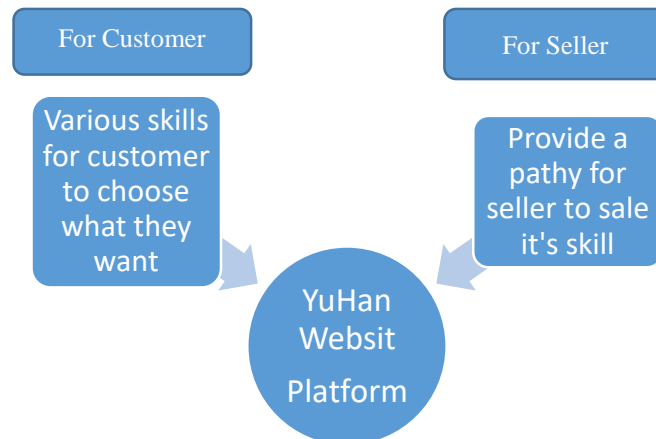


Figure 1. Benefits both the customers and the manufacturers when using Website platform

2. Methodology with Model display

This section informs about the display of the AS-IS Behavior Process, TO-BE Behavior Process. Each model would be illustrated individual.

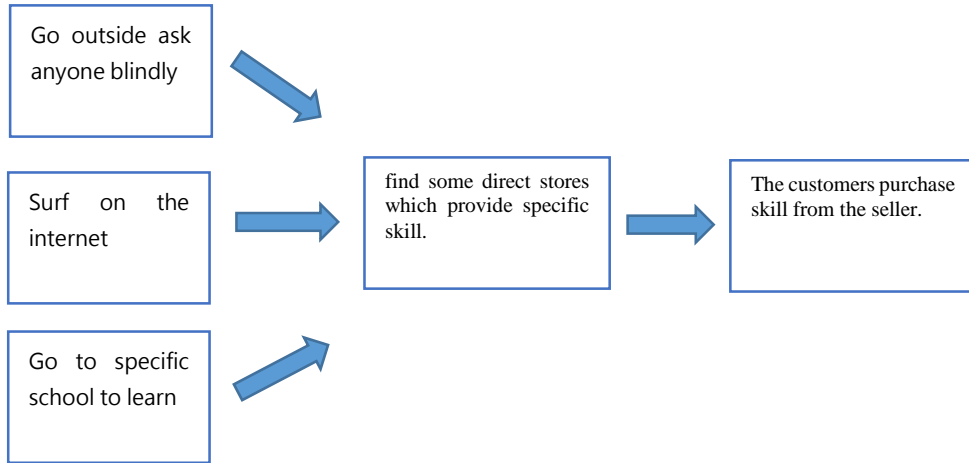
2.1 AS-IS Behavior Process

If there is no platform for skills sharing, the traditional we want to learn invisible skills can only blindly find, will spend a lot of time, but if there is an integrated platform, we can compare the skills of teachers, and also It can stimulate some of the more popular skills owners to share their skills. We conclude the AS-IS model in 3 steps below:

Step1. The customers go outside or surf on search engine.

Step2. The customers find some direct stores which provide specific skill.

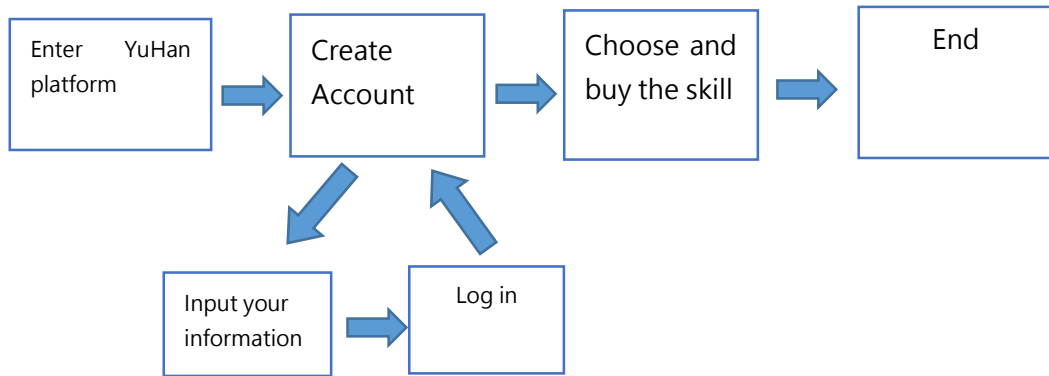
Step3. The customers purchase skill from the seller.



2.2 TO-BE Behavior Process

Through my ability to share skills platform, you can create a vibrant environment for sharing skills, because you can share any one of their own skills, even to a joke, photography skills, can become a can share Rather than the pictures that students and students traditionally study hard in the classroom. The process can be roughly classified into four steps: We conclude the TO-BE behavior process in 4 steps below:

- Step1. The customers go to the YuHan skill shared web and browse the skill they would like to learn.
- Step2. The customers register an account and log in the online ordering system.
- Step3. The customers confirm order.
- Step4. The seller(teacher) will contact the customer(student) by the transaction record.



3. Online Ordering System Implementation and Demonstration

According to the TO-BE behavior process, the research aims to constructing an online ordering platform in order to enhance skill sharing for customer through choosing a suitable skill from the several of teachers when you want to learn something new. In this section, we will demonstrate the system and introduce the functions in the website. This research uses html programming language, and Microsoft SQL Server to record data from the customer online ordering website. This system platform allows anyone to use, so the system provides two views, which are customer view, and seller view. The interface of homepage is shown in Figure2.



Figure2. The interface of homepage

3.1 Customer View

In the customer interface, they can only see teachers who teach hot skills, a list of skills, and a button for member sign-in/login. Through the hot skills teacher's page, you can see the current hot skills are taught by the teachers, and those who have learned the skills left by the experience sharing, skills list is the current all the skills provided in the site. As shown in Figure3; member registration/login button, it is to provide registration and login functions. As shown in Figure4.

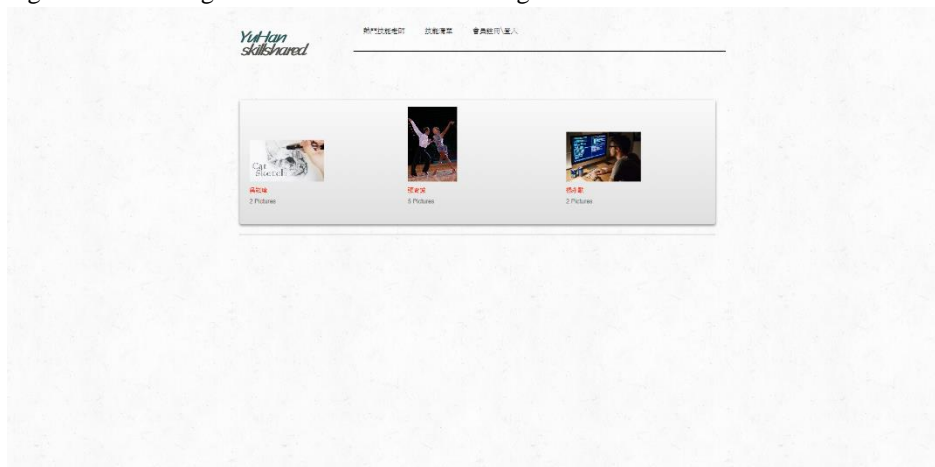


Figure 3. Log in and registration interface.



Figure 4. Log in and registration interface.

3.1 Member View

When you enter the correct account and password, you can enter the user interface, there are four new buttons on the navigation column as shown in Figure 5.

There are six buttons on the new navigation column, including who teach the hot skill, skill list, shopping car, upload the skill, back-end management, member system and a logout button.

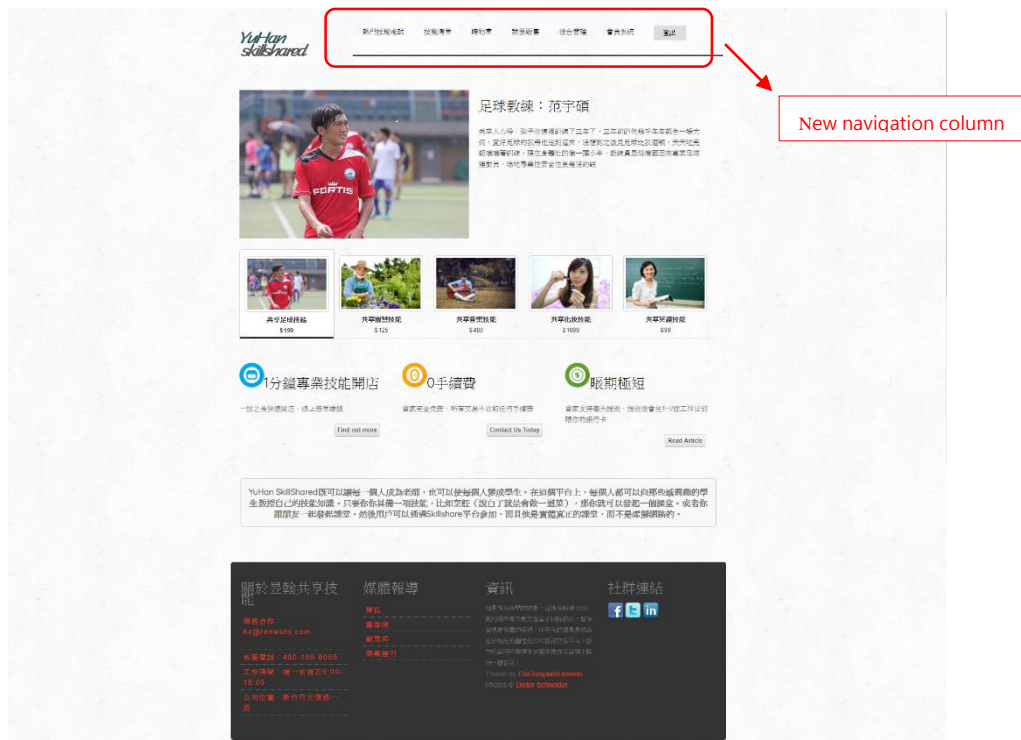


Figure 5. Member interface

3.1.1 Shopping car

After login, the most important function is to be able to buy skills, so the shopping cart page is to provide customers the ability to click on the skills you want, and add him to the shopping cart. And the product catalog will provide the skills of the price and introduction, and then allow customers to enter the number of days you want to learn. When customers add the skills they want to learn to the shopping cart, they can see that they have clicked on the "View Cart" page. The third page, "Print Order Form," provides the member's basic information and order details as well as the total price. When the member pressed to complete the order, the transaction data will be sent to the database. As shown in figure 6 to figure 8.

商品名稱	數量	單價	總價	備註	刪除	修改	結算
<p>Yi-Han SkillShare</p> <p>課程名稱: 課程介紹</p> <p>課程內容: 課程介紹</p> <p>課程費用: 課程費用</p> <p>課程日期: 課程日期</p>							
158	1	5000	5000	課程內容...			加入購物車
159	1	5000	5000	課程內容...			加入購物車
160	1	5000	5000	課程內容...			加入購物車

Figure 6. shopping car

The screenshot shows a web interface with a table of transactions. A red box highlights the table headers and the first row, with an arrow pointing to the text 'Transaction list'.

日期	用戶名	商品名稱	單價	數量	總價
2023-10-27	admin	課程名稱	5000	1	5000

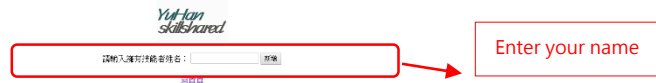
Figure 7. transaction

The screenshot shows a confirmation page with a large '完成' (Completed) stamp and a QR code. The text below the stamp says '感謝您的訂購，您的訂單已收到。請按時上課，謝謝您的支持。' (Thank you for your order, your order has been received. Please attend the class on time. Thank you for your support.)

Figure 8. Complete the order

3.1.2 Selling the skill

When you are a skill owner, you want to upload your skills to this platform for everyone to browse and purchase, you can log in as a member and click "I want to sell", you can enter your name, and Want to sell the skills of selling price and introduction.



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請輸入您的帳號名稱:

Enter your name

Figure 9.

Figure 10. upload the file

3.1.3 Back-End management

This is provided to the management of the background of membership, you can browse all the transaction records, as shown in Figure 10, and membership list, as shown in Figure 11.



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交易明細表

orderID	gestAccount	productID	orderNumber	price	guestAddress
51	56	158	8	500	嘉義市育人路212巷1號
52	56	158	1	500	嘉義市育人路212巷1號

Figure 10. Back-End of transaction



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會員資料表

id	account	password	name	sex	cellphone	address	email
2	55	55	張育誠	男	0911568749	淡水市中山北路一段77號	yuthe225@gmail.com
5	56	56	林昱翰	男	0921265128	嘉義市育人路212巷1號	yues23692000@gmail.com

Figure 10. Back-End of member list

3.1.4 Member system

On this page, you can delete your membership information.



Figure 10. Back-End of transaction

4. Conclusions

The current social environment, regardless of academic qualifications and cultural level, mobile phones and the Internet has become part of everyone's body, we have been able to use mobile phones to buy movie tickets, taxi to work, noon booking and other living scenes. Everyone is using a variety of social platforms or promote their own products for sale, or for their own business or their own professional skills shop for publicity, selling all kinds of their own goods, shows that the 80,90 after the influence of the Internet community is now very Proficiency in the use of the Internet to promote their own business, and now has entered the era of micro-commerce, everyone can use the mobile Internet quickly shop. Line into the various residential areas in Taiwan, you will find a lot of windows on the 1st or 2nd floor printed with unlock, housekeeping, children's photography, blind massage and other community life skills services, such a situation is due to save the facade rent costs, And they are located in the community serving residents in the surrounding area into the cell unit will find many staircase walls, and even everyone's door printed with moving, through the toilet, repair heating, repair air-conditioned and other small ads.

Based on this phenomenon, I think there is a lack of a platform for service trading. At present, most platforms only serve large-scale businesses, characterized by standardized services, large transaction volumes and relatively easy maintenance. However, a large number of marginal groups such as small and medium-sized businesses with a low level of educational can not be covered by the marginal group, and this group still possesses a large demand for Internet .

One of the big advantages of skill sharing is innovation. As long as you have ideas and even you want to teach how to break up with your boyfriend or girlfriend , it is possible. Or you want to teach someone writing homework, you can also sell it online. Therefore, this website is not only an exchange platform, but also a concept that promotes the sharing of skills Pushing hands!

5.Future directions

C2C service platform of uneven quality, and service class products, access to the user's trust is difficult, professional service quality is relatively assured, and tasks such as rabbits, allowing clients to provide a variety of services, the quality control more difficult High, customer retention is a problem. Therefore, in order to improve customer satisfaction, hope that in the future, all sellers on the platform are going through ID verification and the services provided also need to be audited. The seller's personal information will be bound Facebook social messages, some sellers have video shows, the user can view the seller's social account information in the choice of service, a more comprehensive understanding of the seller. At the same time, but also for each seller to establish a scoring system, the user can sellers based on whether the service arrived on time, service attitude and quality of service for its scoring. In the future, the seller from the issue of orders to the order to complete the process of each and every part of the geographical location can be tracked by mobile phones in real time.6.

6.References

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