



# USER MANUAL

Network Based Application Development (ITIS 5166)

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## **1. Introduction to the Furniswap**

### **1.1. About Furniswap**

We all get bored of our furniture. Isn't it?

Then why to buy every time you need a new furniture. Furniswap helps you to swap furniture efficiently without all the hassle and you get new furniture without spending a penny.

We care about finding good homes for things and keeping them out of landfills. It's not just a transaction. We celebrate creative ways to reuse things around your home. It's intrinsically satisfying to reuse things and be part of a community of others who reuse, working collectively toward a better planet and cleaner world.

This website helps you to view catalog of furniture available for swap and swap them with the one you like. It also allows you to rate the items and the users with whom you swapped your furniture.

### **1.2. Intended Audience**

Furniswap is for everyone who wish to swap their furniture. Those who want to explore new living space without spending a whole of money at buying new furniture.

Users can also just browse through the catalog to view what new deals are uploaded. They don't need to create a login for that purpose.

## **2. Features**

Furniswap allows you to swap your furniture in an easy and efficient way. It's features include

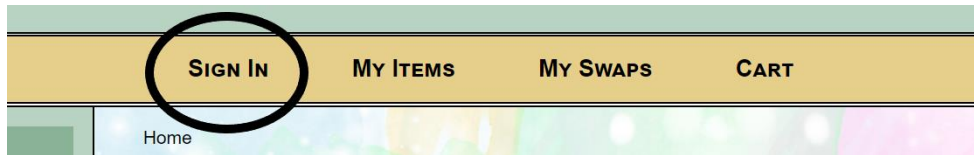
- swapping your old and boring furniture with something different and interesting.
- You can buy furniture which are offered for buying.
- You can rate and review the items and their owners.

Lets start exploring one by one all the things which you can do here at Furniswap. This document guides a user through the necessary steps to use Furniswap.

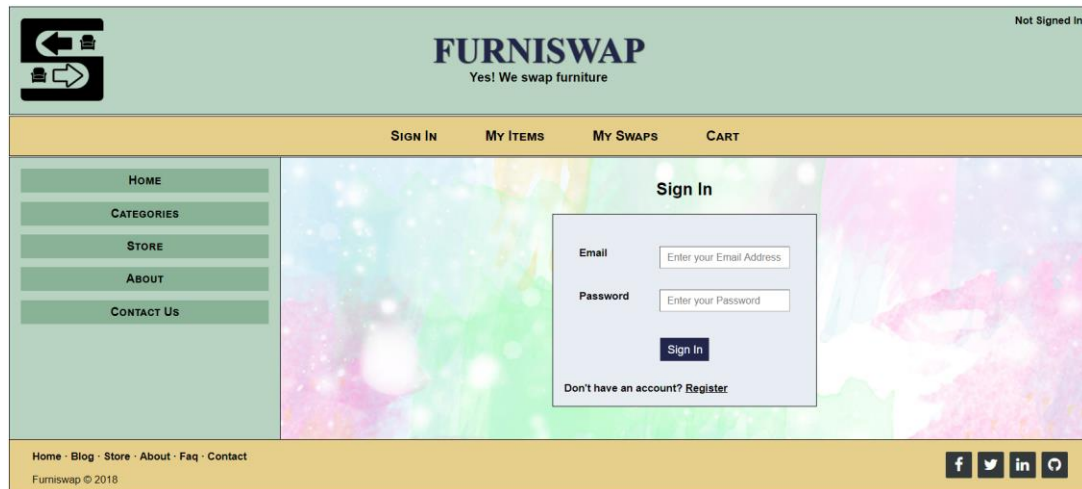
## **3. Login**

Users who have already created an account can login using their registered email and password. First time users need to register to get full access of the website.

- To Login click on "Sign In" link on User-Specific Navigation panel.



- Enter registered email and password to login successfully.



Entering their User Name(Email)

Entering their Password.

Clicking **Sign In** to advance to the next screen and begin using the application.

My Items is the landing page after login

### Site Registration

Users who have not previously registered for the Furniswap Application must select “Register” to access the “New User Registration” page.

### 4. Register

To register click on “register” link on Login page.

Users will be asked to enter or select the following information (all items with red star are mandatory)

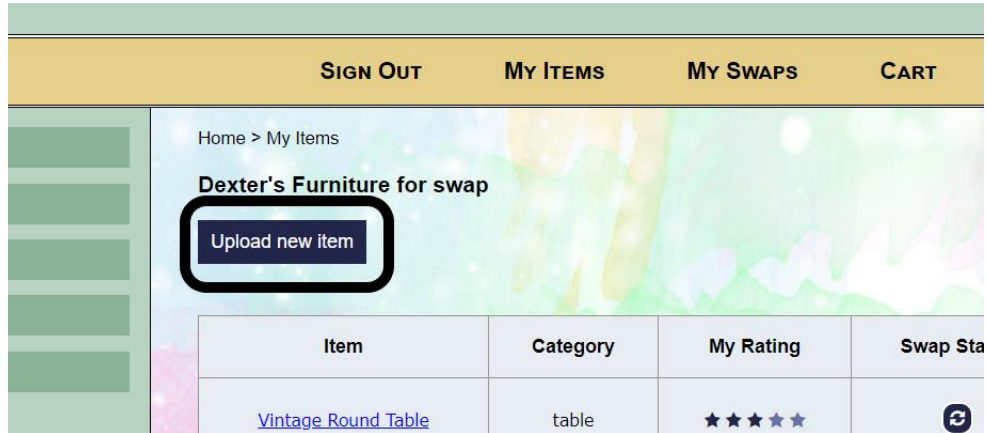
The image shows a 'Register' form with a light blue background and a colorful bokeh pattern. The form is titled 'Register' at the top. It contains several input fields and a 'Register' button. The fields are labeled with red asterisks indicating they are required. The labels are: 'Full Name\*', 'Address\*', 'Email\*', 'Password\*', and 'Confirm Password\*'. The 'Full Name\*' field has two sub-fields: 'Enter your First Name' and 'Enter your Last Name'. The 'Address\*' field has four sub-fields: 'Address line 1', 'Address line 2', 'City', and 'State/Province'. The 'Email\*' field has one sub-field: 'Enter your Email Address'. The 'Password\*' field has one sub-field: 'Enter your Password'. The 'Confirm Password\*' field has one sub-field: 'Re-enter your Password'. A dark blue 'Register' button is located at the bottom of the form.

- Full Name — First and Last  
Enter the user's first and last name.
- Address 1  
Enter the user's address.
- Address 2  
If additional space is needed, continue to enter the user's address in this space.
- City  
Enter the user's city.
- State / Province  
Enter the user's state
- Post Code  
Enter the user's zipcode
- Country  
Enter the user's country
- E-Mail  
Enter the user's e-mail address. E-mail addresses are not case sensitive.
- Password  
User must enter a valid password. Should be atleast 6 characters long.
- Confirm Password  
The Password address entered in this field must match the password entered in the "password" field.

Click register button to successfully register and Login with the new credentials.

## 5. Adding new Item

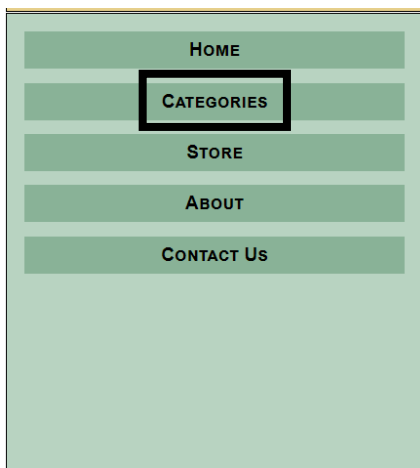
After Login users will be redirected to “My Items” page, which displayed all the uploaded items and their statuses.



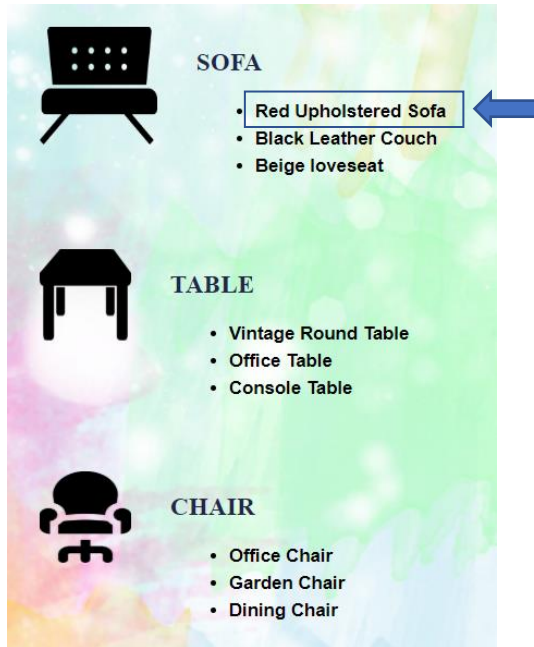
Click on “Upload new item” to start uploading your furniture.

## 6. Viewing Catalog

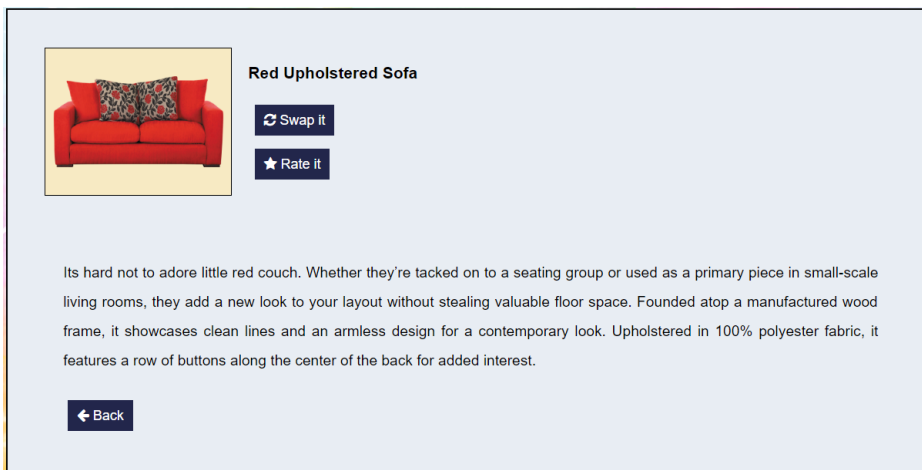
To view catalog user login is not required. Click on “Categories” on site-specific navigations to view list of items.



List of categories is displayed. Click on specific item link to see the item description.



Item description page is displayed, where users get the option to swap or rate it. Back button takes the page back to categories page.

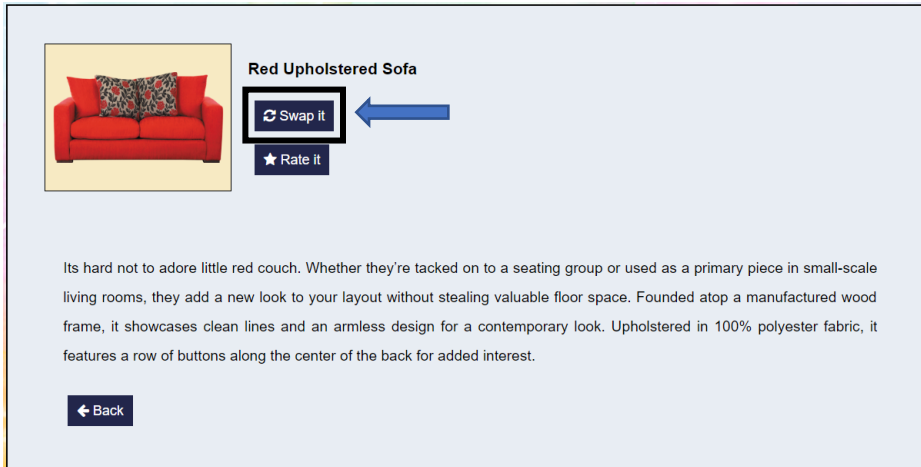


## 7. Swapping

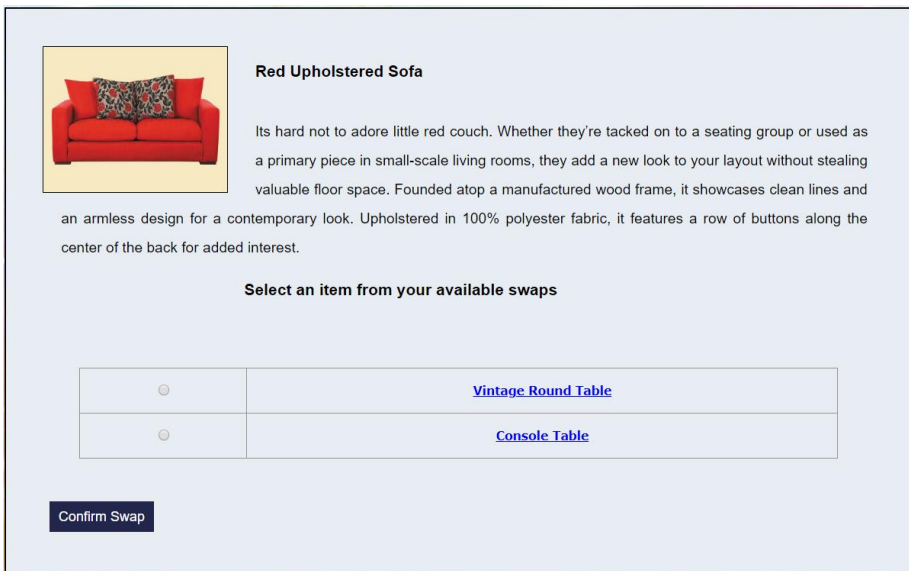
### 7.1. Requesting an Offer

To start swapping you must login and should have at least one available items in your list of uploaded items.

Click on “Swap” button on the item detail page of the item you wish to swap.



On clicking swap it button user is redirected to “Swap” page.







Here user is required to select one of the available items to confirm swap. On clicking the confirm swap button user is redirected to the “my Swaps” page where he can see the initiated offer for the selected item.

Dexter's Swap Offers		
My Item(s)	Swap Offer(s)	
<a href="#">Vintage Round Table</a>	<a href="#">Red Upholstered Sofa</a>	Withdraw Swap
<a href="#">Office Table</a>	<a href="#">Beige loveseat</a>	Withdraw Swap



## 7.2 Accept/Reject/Withdraw an Offer

If a user gets a new offer for one of his items, it will be displayed on “My Swaps” page. User can also update the offer status by clicking on “update” button on “My Items” page.

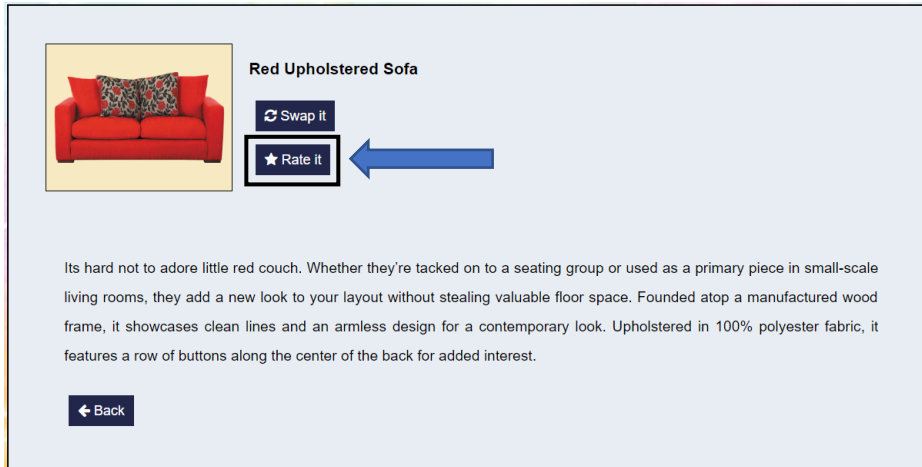
Item	Category	My Rating	Swap Status		
<a href="#">Red Upholstered Sofa</a>	sofa	★★★★★		<a href="#">Update</a>	
<a href="#">Black Leather Couch</a>	sofa	★★★★☆		<a href="#">Update</a>	<a href="#">Delete</a>
<a href="#">Beige loveseat</a>	sofa	★★★★☆		<a href="#">Update</a>	<a href="#">Delete</a>

- If user does not wish to continue the swapping he can click on “Reject” to reject the offer.
- If User wish to continue with the offer, he can click on “Accept” to swap the item.
- If User made an offer but wants to withdraw it for some reason, he can click on “withdraw” button to cancel the order.

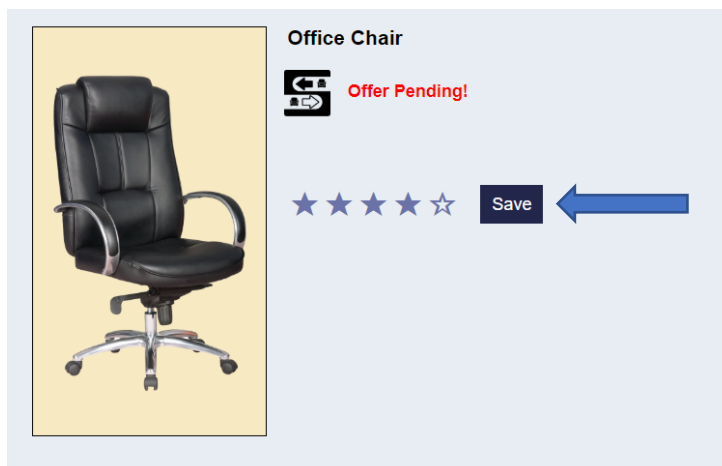
My Item(s)	Swap Offer(s)	
<a href="#">Black Leather Couch</a>	<a href="#">Office Chair</a>	<a href="#">Withdraw Swap</a>
<a href="#">Red Upholstered Sofa</a>	<a href="#">Vintage Round Table</a>	<a href="#">Accept</a> <a href="#">Reject</a>
<a href="#">Beige loveseat</a>	<a href="#">Office Table</a>	<a href="#">Accept</a> <a href="#">Reject</a>

## 8. Rating

User can rate an item from item detail page by clicking on “Rate it” button.



On clicking Rate it, rating stars are displayed which can be selected and save by clicking on “save” button.



## 11. Deleting

To delete an item go to “My Items” page and click on delete button corresponding to the item user wish to delete. Since this is a hard delete, after deleting an item user can not recover it. User need to upload it again as a new item.

Item	Category	My Rating	Swap Status		
<a href="#">Red Upholstered Sofa</a>	sofa	★★★★★	🔄	Update	Delete
<a href="#">Black Leather Couch</a>	sofa	★★★★★	🔄	Update	Delete
<a href="#">Beige loveseat</a>	sofa	★★★★★	🔄	Update	Delete

## 12. Test Users and Testing the app

Few test users and their items has been created for testing the application.

**UserName: m.debra@gmail.com**

**Password: pwd1234**

**UserName: m.dexter@gmail.com**

**Password: pwd1234**

**UserName: b.angel@gmail.com**

**Password: pwd1234**

Run the application using

**\*\*nodemon app\*\***

**Application would be served at**

**\_\*\*http://localhost:8080/\*\*\_**