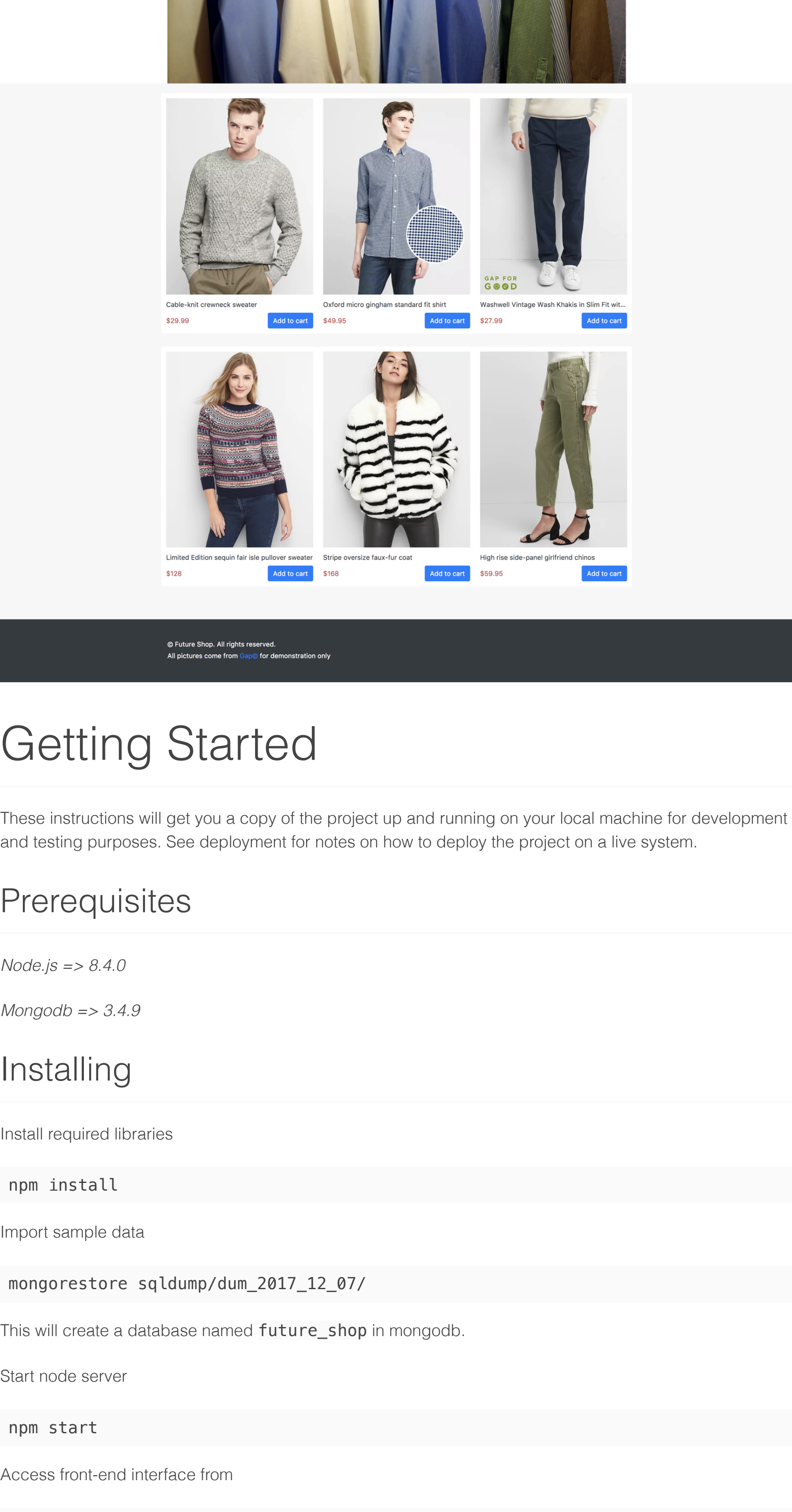


# Future Shop

Future shop is an online ecommerce shopping system that provides functionalities for users to buy product and for administrators to management products and users. As a preliminary application, future shop now is only specific to clothing market. It may extend to a fully functional ecommerce platform in the future. Below is a screenshot of this system:



## Getting Started

These instructions will get you a copy of the project up and running on your local machine for development and testing purposes. See deployment for notes on how to deploy the project on a live system.

## Prerequisites

Node.js => 8.4.0

Mongodb => 3.4.9

## Installing

Install required libraries

```
npm install
```

Import sample data

```
mongorestore sqldump/dum_2017_12_07/
```

This will create a database named **future\_shop** in mongodb.

Start node server

```
npm start
```

Access front-end interface from

```
http://localhost:3000
```

For back-end dashboard

```
http://localhost:3000/admin
```

## Built With

- [Express](#) - The web framework used
- [Mongodb](#) - NoSQL database
- [Node.js](#) - The javascript runtime
- Other libraries see `package.json` file

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## License

This project is licensed under the MIT License - see the [LICENSE](#) file for details

## Instructions

This section will demonstrate how to use the application

### Register

Click **Register** button on the navbar, a register pop-up modal will be shown

Register

Username

Password

First Name

Last Name

Email

Mobile Phone

Close

Register

This form includes validation, if you don't enter anything, you will see validation errors when click **Register** button of the form

Register

Username

Password

First Name

Last Name

Email

Mobile Phone

Close

Register

After fix errors, you can continue the register process

Register

Username

Password

First Name

Last Name

Email

Mobile Phone

Close

Register

### Login

Enter **username** and **password** at the top navbar to login, this will send an ajax post request to server

username

password

login

If there are any erros during login, you will receive an error popup

Username or password not correct

After loggedin, the login form will change to a greeting

Hello, Xuqian Logout

### Browsing Products

The front page will show all products in all categories. Click navbar menus to see products in a specific category.

Future Shop

Men

Women

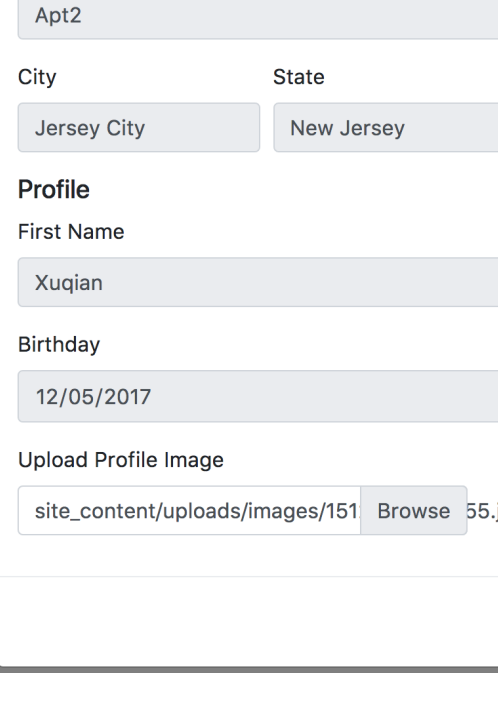
Kids

You can also use the search bar to search products that have titles and details including the search terms

Search

Search

Click the product title to see product details



Cable-knit crewneck sweater

\$29.99

Straight, easy fit.

Add to cart

Product Details

- Soft cableknit. - Long sleeves with ribbing at cuffs. - Ribbing at crewneck, hem. - #866384

### Add to shopping cart

You can click **Add to cart** button wherever you see it to add the product to the shopping cart. Adding the same product will not update shopping cart product count, but it will update the quantity of the specific product. After the product sucessfully added to the shopping cart, you will see a notification.

Add to cart successfully

### Checkout

In the checkout page, you can update product quantity. This functionality will send ajax request to server to update the shopping cart. And before checking out, you need to login first.

Product	Price	Quantity	Subtotal
<b>Cable-knit crewneck sweater</b> Straight, easy fit.	\$29.99	1	\$29.99
<b>Oxford micro gingham standard fit shirt</b> Modern and tailored fit.	\$49.95	2	\$99.9
<b>Washwell Vintage Wash Khakis in Slim Fit with GapFlex</b> Slim at the lower waist.	\$27.99	1	\$27.99
<b>Limited Edition sequin fair isle pullover sweater</b> Straight silhouette with an easy fit.	\$128	1	\$128
<a href="#">Continue Shopping</a>		<b>Total \$285.88</b>	<a href="#">Checkout</a>

Click **checkout** button will bring you to payment page. In the payment page, you can select an existing recipient address or add a new one by checking the **Use a new Address** checkbox. Then input credit card info, the server will not remember this for safety concerns.

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Hello, Xuqian Logout

Recipient Info

149 South St Apt2, Jersey City, New Jersey, 07307

Use a new Address?

First Name

Last Name

Address Line 1

Address Line 2

City

State

Country

Zip Code

Phone Number

Credit Card Info

Card Number

Valid Date

CVV

Cart details

Product	Price	Quantity	Subtotal
<b>Cable-knit crewneck sweater</b> Straight, easy fit.	\$29.99	1	\$29.99
<b>Oxford micro gingham standard fit shirt</b> Modern and tailored fit.	\$49.95	1	\$49.95
<b>Washwell Vintage Wash Khakis in Slim Fit with GapFlex</b> Slim at the lower waist.	\$27.99	1	\$27.99
<b>Limited Edition sequin fair isle pullover sweater</b> Straight silhouette with an easy fit.	\$128	1	\$128
		<b>Total \$255.93</b>	<a href="#">Checkout</a>

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All pictures come from [Getty](#) for demonstration only

After you checkout successfully, you will see the **Thank you** page

Thank you for your purchasing!

[Back To Home](#)

### See order histories

Click the greeting message on the navbar, you will be brought to the account center. You can see all orders and with the price and status.

Orders	Order ID	Order Date	Total Price	Status
Profile	401ea62e-4e80-4d5e-abdd-5093f43c573c	2017-11-4	79.94	paid
	cb87ba8d-1a8f-4b3e-8e33-da82acb37de3	2017-11-5	39.95	paid
	563f0adc-b3c6-41fa-8aae-6658980a0977	2017-11-5	235.93	paid

### User profile

Click **Profile** menu in the account center page. Here you can update profile and upload a profile image.

Basic Information

Email

Username

Phone Number

Address

Address 2

City

State

Zip

Country

Profile

First Name

Last Name

Birthday

Age

Upload Profile Image

Choose file...

Browse

Update

### Back-end Dashboard

### User Management

You can add, edit, view, remove a user through user management interface.

User Management

User Table

#	username	email	phone number	actions
1	zhuqian	zhuqian@gmail.com	1234567890	<a href="#">edit</a> <a href="#">delete</a>

To add a user, click the **Add User** button and fill the form. This will send an ajax request to the backend.

Add a user

Basic Information

Email

Password

Username

Phone Number

Address

Address 2

City

State

Zip

Country

Profile

First Name

Last Name

Birthday

Age

Upload Profile Image

Choose file...

Browse

Close

Save changes

To view a user detail information, click the blue username link.

Add a user

Basic Information

Email

Password

Username

Phone Number

Address

Address 2

City

State

Zip

Country

Profile

First Name

Last Name

Birthday

Age

Upload Profile Image

Choose file...

Browse

Close

Save changes

To edit a user, click the **pencil** icon in the actions column, and to delete a user, click the **trash** icon.

Actions

[edit](#) [trash](#)

### Product and Category Management

The product and category management interface is shown as following

Product Management

Categories

Men

Women

Add a new category

Parent Category

None

Category Name

Submit

Product Table

Add Product

#	name	price	description	Actions
1	Cable-knit crewneck sweater	29.99	Straight, easy fit.	<a href="#">edit</a>
2	Oxford micro gingham standard fit shirt	49.95	Modern and tailored fit.	<a href="#">edit</a>
3	Washwell Vintage Wash Khakis in Slim Fit with GapFlex	27.99	Slim at the lower waist.	<a href="#">edit</a>
4	Limited Edition sequin fair isle pullover sweater	128	Straight silhouette with an easy fit.	<a href="#">edit</a>
5	Stripe oversize faux-fur coat	188	Oversize silhouette with an easy fit.	<a href="#">edit</a>
6	High rise side-panel girlfriend chinos	59.95	Easy through the hip and thigh.	<a href="#">edit</a>

To add a category, in the **Add a new category** form, select parent category, or if you select **None**, it will be a top-level category, then enter the category name and click **Submit** button (Ajax request).

To delete a category, click the **Trash** icon in the **Categories** list section.

To add a product, click the **Add Product** button and fill the form (Ajax request).

Add a Product

Title

Product Title

Price

Price \$

Parent Category

Sub Category

None

Size: S

Size: M

Size: L

Size: XL

Quantity

Quantity

Quantity

Quantity

Upload Product image

Choose file...

Browse

Description

Product Description

Details

Close

Save changes

Similarly, to delete a product, click the **Trash** icon in the **Actions** column.