

# Chapter 1 PetClinic

## 1.1 Find all owners

PetClinic :: a Spring Framework [+ ↗](#)

localhost:8080/petcnclin/owners/find.html

Pet Clinic A Spring Framework Demonstration Spring

Home Find owners Veterinarians Error

### Find Owners

Last name

(arrow points here)

Add Owner

spring Pivotal.

PetClinic :: a Spring Framework [+ ↗](#)

localhost:8080/petcnclin/owners.html?lastName=

Pet Clinic A Spring Framework Demonstration Spring

Home Find owners Veterinarians Error

### Owners

Search:  PDF

Name	Address	City	Telephone	Pets
Betty Davis	638 Cardinal Ave.	Sun Prairie	6085551749	Basil
Carlos Estaban	2335 Independence L.a.	Waunakee	6085555487	Lucky Sly
David Schroeder	2749 Blackhawk Trail	Madison	6085559435	Freddy
Eduardo Rodriguez	2693 Commerce St.	McFarland	6085558763	Jewel Rosy
George Franklin	110 W. Liberty St.	Madison	6085551028	Leo
Harold Davis	563 Friendly St.	Windsor	6085553198	Iggy
Jean Coleman	105 N. Lake St.	Monona	6085552654	Max Samantha
Jeff Black	1450 Oak Blvd.	Monona	6085555387	Lucky
Maria Escobito	345 Maple St.	Madison	6085557683	Mulligan
Peter McTavish	2387 S. Fair Way	Madison	6085552765	George

spring Pivotal.

## 1.2 Find owners by last name

The screenshot shows a web browser window for the Pet Clinic application. The URL is `localhost:8080/petclinic/owners/find.html`. The page title is "Pet Clinic A Spring Framework Demonstration". The main content area is titled "Find Owners". It has a search form with a "Last name" input field containing "Davis" and a "Find Owner" button. A red arrow points to the "Find Owner" button. Below the form is a link "Add Owner". The Spring logo is in the bottom right corner.

Find Owners

Last name

(arrow pointing to this button)

Add Owner

 spring Pivotal.

## 1.3 Add owner

The screenshot shows the same Pet Clinic application interface as the previous one, but with a red arrow pointing to the "Add Owner" link located below the search form.

Find Owners

Last name

(arrow pointing to the 'Add Owner' link)

Add Owner

 spring Pivotal.

PetClinic :: a Spring Framework [+/-](#)

localhost:8080/petclinik/owners/new

Pet Clinic A Spring Framework Demonstration Spring

Home Find owners Veterinarians Error

### New Owner

First Name	Wei
Last Name	Liu
Address	3580 Avenue Lorne
City	Montreal
Telephone	5149999999

Add Owner



PetClinic :: a Spring Framework [+/-](#)

localhost:8080/petclinik/owners/11

Pet Clinic A Spring Framework Demonstration Spring

Home Find owners Veterinarians Error

### Owner Information

Name	Wei Liu
Address	3580 Avenue Lorne
City	Montreal
Telephone	5149999999

Edit Owner Add New Pet

### Pets and Visits



## 1.4 Add new pet

PetClinic :: a Spring Framework [+/-](#)

localhost:8080/petclinik/owners/11.html

Pet Clinic A Spring Framework Demonstration Spring

Home Find owners Veterinarians Error

### Owner Information

Name	Wei Liu
Address	3580 Avenue Lorne
City	Montreal
Telephone	5149999999

Edit Owner Add New Pet

### Pets and Visits



PetClinic - A Spring Framework Demonstration

New Pet

Owner: Wei Liu

Name:	Lucky
Birth Date:	2018/12/31
Type:	<input type="text" value="bird"/> cat

[Add Pet](#)



spring

(add two pets)

PetClinic - A Spring Framework Demonstration

Owner Information

Name:	Wei Liu
Address:	3580 Avenue Lome
City:	Montreal
Telephone:	5149999999

[Edit Owner](#) [Add New Pet](#)

**Pets and Visits**

Name	Happy	Visit Date	Description
Name	Happy	Visit Date	Description
Birth Date	2019-12-12	<a href="#">Edit Pet</a>	<a href="#">Add Visit</a>
Type	dog		

Name	Lucky	Visit Date	Description
Name	Lucky	Visit Date	Description
Birth Date	2018-12-31	<a href="#">Edit Pet</a>	<a href="#">Add Visit</a>
Type	bird		

spring

## 1.5 Add visit

The screenshot shows the PetClinic application interface. At the top, there is a navigation bar with links for Home, Find owners, Veterinarians, and Error. The main content area is titled "Owner Information" and displays details for an owner named Wei Liu, residing at 3580 Avenue Lorme in Montreal, with a telephone number of 5149999999. Below this is a section titled "Pets and Visits". The first part of "Pets and Visits" lists a pet named Happy with birth date 2019-12-12 and type dog. The second part lists a pet named Lucky with birth date 2018-12-31 and type bird. A red arrow points to the "Add Visit" button in the Happy row.

The screenshot shows the "New Visit" form. It has fields for selecting a pet (Happy), entering a visit date (2020/01/01), and providing a description (something wrong with stomach). A red arrow points to the "Add Visit" button at the bottom of the form. Below the form, there is a "Previous Visits" section which is currently empty.

(add several visits)

PetClinic :: a Spring Framework

localhost:8080/petclinik/owners/11

## Pet Clinic A Spring Framework Demonstration Spring

Home Find owners Veterinarians Error

### Owner Information

Name	Wei Liu
Address	3580 Avenue Lome
City	Montreal
Telephone	5149999999

Edit Owner Add New Pet

### Pets and Visits

Name	Happy	Visit Date	Description
Birth Date	2019-12-12	2019-12-31	something wrong with stomach
Type	dog	2019-12-29	a cold

Edit Pet Add Visit

Name	Lucky	Visit Date	Description
Birth Date	2018-12-31	2020-01-09	bad sleep
Type	bird		

Edit Pet Add Visit

spring Pivotal

## 1.6 Edit owner

PetClinic :: a Spring Framework

localhost:8080/petclinik/owners/11

## Pet Clinic A Spring Framework Demonstration Spring

Home Find owners Veterinarians Error

### Owner Information

Name	Wei Liu
Address	3580 Avenue Lome
City	Montreal
Telephone	5149999999

Edit Owner Add New Pet

Edit Owner

### Pets and Visits

Name	Happy	Visit Date	Description
Birth Date	2019-12-12	2019-12-31	something wrong with stomach
Type	dog	2019-12-29	a cold

Edit Pet Add Visit

Name	Lucky	Visit Date	Description
Birth Date	2018-12-31	2020-01-09	bad sleep
Type	bird		

Edit Pet Add Visit

spring Pivotal

PetClinic :: a Spring Framework

localhost:8080/petclinik/owners/11/edit.html

## Pet Clinic A Spring Framework Demonstration Spring

[Home](#) [Find owners](#) [Veterinarians](#) [Error](#)

### Owner

First Name	Wei
Last Name	Liu
Address	One Apple Park Way
City	Cupertino
Telephone	4089999999

[Update Owner](#)



 spring

PetClinic :: a Spring Framework

localhost:8080/petclinik/owners/11

## Pet Clinic A Spring Framework Demonstration Spring

[Home](#) [Find owners](#) [Veterinarians](#) [Error](#)

### Owner Information

Name	Wei Liu
Address	One Apple Park Way
City	Cupertino
Telephone	4089999999

[Edit Owner](#) [Add New Pet](#)

### Pets and Visits

Name	Birth Date	Type	Visit Date	Description
Happy	2019-12-12	dog	2019-12-31	something wrong with stomach
			2019-12-29	a cold

[Edit Pet](#) [Add Visit](#)

Name	Birth Date	Type	Visit Date	Description
Lucky	2018-12-31	bird	2020-01-09	bad sleep

[Edit Pet](#) [Add Visit](#)



## 1.7 Edit Pet

PetClinic :: a Spring Framework Application +  
localhost:8080/petclinic/owners/11

### Pet Clinic A Spring Framework Demonstration Spring

Home Find owners Veterinarians Error

#### Owner Information

Name	Wei Liu
Address	One Apple Park Way
City	Cupertino
Telephone	4089999999

Edit Owner Add New Pet

#### Pets and Visits

Name	Birth Date	Visit Date	Description
Happy	2019-12-12	2019-12-31	something wrong with stomach
dog		2019-12-29	a cold

[Edit Pet](#) [Add Visit](#)

Name	Birth Date	Visit Date	Description
Lucky	2018-12-31	2020-01-09	bad sleep
bird		<a href="#">Edit Pet</a>	<a href="#">Add Visit</a>



PetClinic :: a Spring Framework Application +  
localhost:8080/petclinic/owners/11/pets/15/edit

### Pet Clinic A Spring Framework Demonstration Spring

Home Find owners Veterinarians Error

#### Pet

Owner Wei Liu

Name	Happy
Birth Date	2019/12/31
Type	bird cat dog hamster lizard

[Update Pet](#)



PetClinic :: a Spring Framework

localhost:8080/petclinik/owners/11

## Pet Clinic A Spring Framework Demonstration Spring

Home Find owners Veterinarians Error

### Owner Information

Name	Wei Liu
Address	One Apple Park Way
City	Cupertino
Telephone	4089999999

Edit Owner Add New Pet

### Pets and Visits

Name	Birth Date	Visit Date	Description
Happy	2019-12-30	2019-12-31	something wrong with stomach
cat		2019-12-29	a cold

Edit Pet Add Visit

Name	Birth Date	Visit Date	Description
Lucky	2018-12-31	2020-01-09	bad sleep
bird			

Edit Pet Add Visit

spring

## 1.8 Veterinarians

PetClinic :: a Spring Framework

localhost:8080/petclinik/vets.html

## Pet Clinic A Spring Framework Demonstration Spring

Home Find owners Veterinarians Error

### Veterinarians

Search:

Name	Specialties
Helen Leary	radiology
Henry Stevens	radiology
James Carter	none
Linda Douglas	dentistry surgery
Rafael Ortega	surgery
Sharon Jenkins	none

[View as XML](#) [View as JSON](#)

spring

# Chapter 2 CloudStore

## 2.1 Show products by subject

The screenshot shows a web browser window for the TPC-W CloudCommerce Benchmark. The title bar reads "TPC-W" and the address bar shows "localhost:8080/cloudstore/". The page features the "CloudScale" logo with an AWS icon. Navigation links include "Search", "Shopping cart", and "Order list". The main content area displays the title "TPC Web Commerce Benchmark (TPC-W)" in large, bold, black font. Below the title are five book covers: "Learning Python", "Introduction to Machine Learning with Python", and three editions of "Deep Learning". A red arrow points from the left margin to the "COMPUTERS" category under the "What's new" section. The "What's new" and "Best sellers" sections both list categories in two columns.

What's new		Best sellers	
ARTS	NON-FICTION	ARTS	NON-FICTION
BIOGRAPHIES	PARENTING	BIOGRAPHIES	PARENTING
BUSINESS	POLITICS	BUSINESS	POLITICS
CHILDREN	REFERENCE	CHILDREN	REFERENCE
COMPUTERS	RELIGION	COMPUTERS	RELIGION
COOKING	ROMANCE	COOKING	ROMANCE
HEALTH	SELF-HELP	HEALTH	SELF-HELP
HISTORY	SCIENCE-NATURE	HISTORY	SCIENCE-NATURE
HOME	SCIENCE-FICTION	HOME	SCIENCE-FICTION
HUMOR	SPORTS	HUMOR	SPORTS
LITERATURE	MYSTERY	LITERATURE	MYSTERY



Search Shopping cart Order list

# TPC Web Commerce Benchmark (TPC-W)



#	Author	Title
1	Ian Goodfellow	Deep Learning (Adaptive Computation and Machine Learning series)
2	Andreas Müller	Introduction to Machine Learning with Python: A Guide for Data Scientists
3	Mark Lutz	Learning Python, 5th Edition

## 2.2 Search products by author



Search Shopping cart Order list

# TPC Web Commerce Benchmark (TPC-W)

Search by: Author ▾ Lutz  ←

#	Author	Title
1	Mark Lutz	Learning Python, 5th Edition

## 2.3 Search products by title

The screenshot shows a web browser window with the URL `localhost:8080/cloudstore/search?searchField=title&keyword=Introduction+to+Machine+Learning`. The page title is "CloudScale". The main content is titled "TPC Web Commerce Benchmark (TPC-W)". Below it is a search form with a dropdown set to "Title" and the input field containing "Introduction to Machine Learning". A red arrow points to the "Submit" button. The results table has columns for "#", "Author", and "Title". One result is shown: "1" (row number), "Andreas Müller" (Author), and "Introduction to Machine Learning with Python: A Guide for Da" (Title). The entire results table is highlighted with a red border.

#	Author	Title
1	Andreas Müller	Introduction to Machine Learning with Python: A Guide for Da

## 2.4 Search products by subject

The screenshot shows a web browser window with the URL `localhost:8080/cloudstore/search?searchField=subject&keyword=computers`. The page title is "CloudScale". The main content is titled "TPC Web Commerce Benchmark (TPC-W)". Below it is a search form with a dropdown set to "Subject" and the input field containing "computers". A red arrow points to the "Submit" button. The results table has columns for "#", "Author", and "Title". Three results are shown: "1" (row number), "Ian Goodfellow" (Author), and "Deep Learning (Adaptive Computation and Machine Learning ser" (Title); "2" (row number), "Andreas Müller" (Author), and "Introduction to Machine Learning with Python: A Guide for Da" (Title); "3" (row number), "Mark Lutz" (Author), and "Learning Python, 5th Edition" (Title). The entire results table is highlighted with a red border.

#	Author	Title
1	Ian Goodfellow	Deep Learning (Adaptive Computation and Machine Learning ser
2	Andreas Müller	Introduction to Machine Learning with Python: A Guide for Da
3	Mark Lutz	Learning Python, 5th Edition

## 2.5 Update product

Product detail page    +    [localhost:8080/cloudstore/product-detail?l\\_ID=1](#)

 CloudScale    Search    Shopping cart    Order list

**Title** Learning Python, 5th Edition  
**Author** Mark Lutz  
**Subject** COMPUTERS  
**Description** Get a comprehensive, in-depth introduction to the core Python language with this hands-on book. Based on author Mark Lutz's popular training course, this updated fifth edition will help you quickly write efficient, high-quality code with Python. It's an ideal way to begin, whether you're new to programming or a professional developer versed in other languages.  
**Suggested Retail Price** 74.0  
**Our Price** 30.0  
**You save** 44  
**Backing** PAPERBACK1648  
**Published by** O'Reilly Media; Fifth edition (July 9, 2013)  
**Publication date** 2013-07-09 00:00:00.0  
**Avail date** 2020-01-15 00:00:00.0  
**Dimensions** 7 x 2.8 x 9.2  
**ISBN** 9781449355739

Add to cart    **Update** 

Edit item    +    [localhost:8080/cloudstore/admin?l\\_ID=1](#)

 CloudScale    Search    Shopping cart    Order list

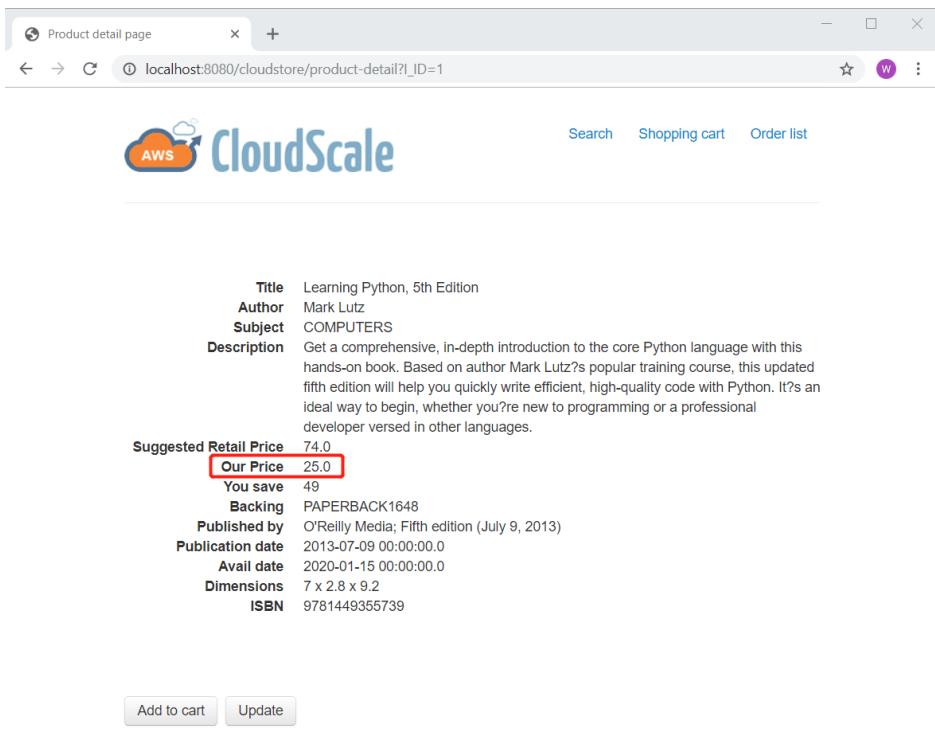
**Title:**Learning Python, 5th Edition  
**Author:** Mark Lutz  
**Suggested Retail:** \$30.0  
**Our Current Price:** \$30.0

Enter new price: \$ 25 

Enter new picture: 1.jpg

Enter new thumbnail: 1.jpg

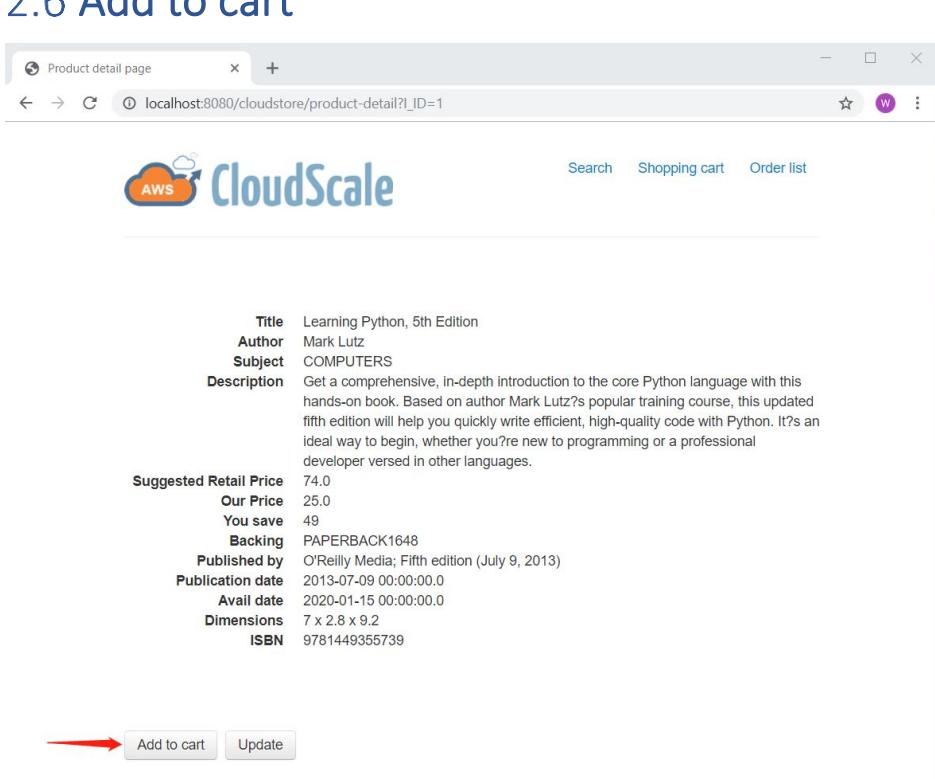
Submit Changes 



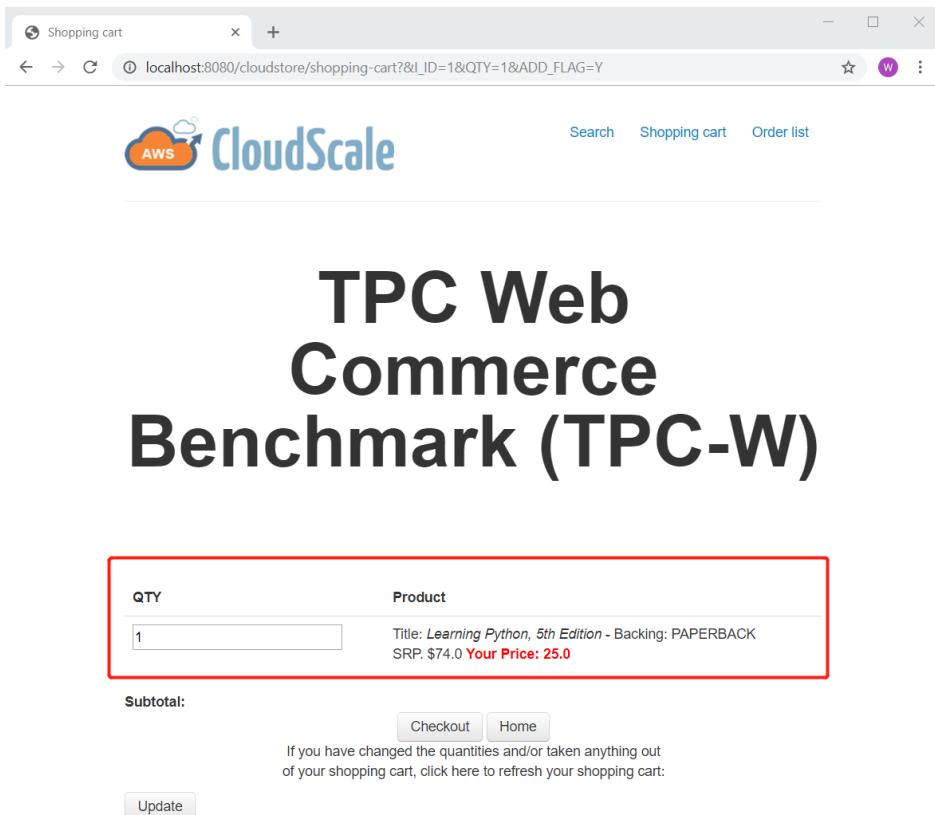
The screenshot shows a product detail page for a book titled "Learning Python, 5th Edition" by Mark Lutz. The page includes the CloudScale logo with an AWS icon. Navigation links at the top are "Search", "Shopping cart", and "Order list". The product details are listed in a table:

<b>Title</b>	Learning Python, 5th Edition
<b>Author</b>	Mark Lutz
<b>Subject</b>	COMPUTERS
<b>Description</b>	Get a comprehensive, in-depth introduction to the core Python language with this hands-on book. Based on author Mark Lutz's popular training course, this updated fifth edition will help you quickly write efficient, high-quality code with Python. It's an ideal way to begin, whether you're new to programming or a professional developer versed in other languages.
<b>Suggested Retail Price</b>	74.0
<b>Our Price</b>	25.0
<b>You save</b>	49
<b>Backing</b>	PAPERBACK1648
<b>Published by</b>	O'Reilly Media; Fifth edition (July 9, 2013)
<b>Publication date</b>	2013-07-09 00:00:00.0
<b>Avail date</b>	2020-01-15 00:00:00.0
<b>Dimensions</b>	7 x 2.8 x 9.2
<b>ISBN</b>	9781449355739

Buttons at the bottom are "Add to cart" and "Update".



The second screenshot is identical to the first, except it features a red arrow pointing to the "Add to cart" button, indicating the user's intended action.



CloudScale

Search Shopping cart Order list

# TPC Web Commerce Benchmark (TPC-W)

QTY	Product
1	Title: Learning Python, 5th Edition - Backing: PAPERBACK SRP. \$74.0 Your Price: 25.0

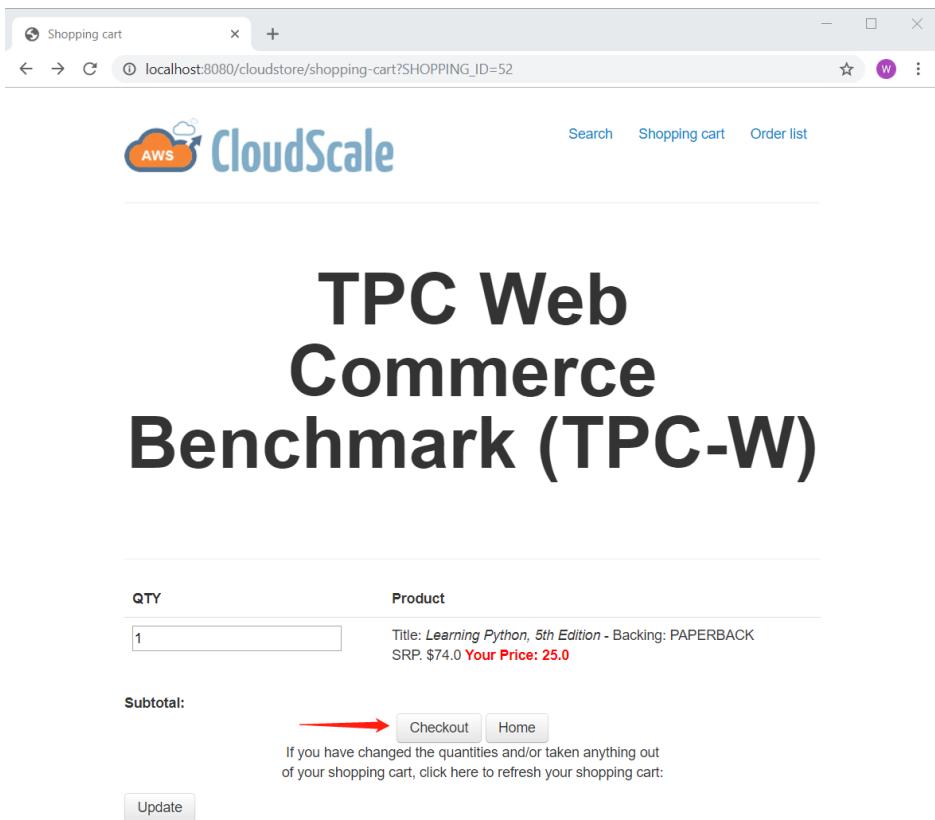
**Subtotal:**

[Checkout](#) [Home](#)

If you have changed the quantities and/or taken anything out of your shopping cart, click here to refresh your shopping cart:

[Update](#)

## 2.7 Checkout



CloudScale

Search Shopping cart Order list

# TPC Web Commerce Benchmark (TPC-W)

QTY	Product
1	Title: Learning Python, 5th Edition - Backing: PAPERBACK SRP. \$74.0 Your Price: 25.0

**Subtotal:**

[Checkout](#) [Home](#)

If you have changed the quantities and/or taken anything out of your shopping cart, click here to refresh your shopping cart:

[Update](#)

## Customer registration

- I am existing user  
 I am a first time customer

If you are an existing customer, enter your username and password:

Username:

Password:

If you are a first time customer, enter the details below:

Enter your birth date (mm/dd/yyyy):

Enter your first name:

Enter your last name:

Enter your address 1:

Enter your address 2:

Enter your City, State, Zip:

Montreal	QC	H2X 2A7
----------	----	---------

Enter your Country:

Enter your Phone:

Enter your Email:

Special Instructions:

Submit 

**Billing information:**

Firstname: wei  
 Lastname: liu  
 Address street1: #1605  
 Address street2: 3580 Avenue Lorne  
 City: Montreal  
 State: QC  
 Zip: H2X 2A7  
 Country: Canada  
 Email: liuwei.tianshu@gmail.com  
 Phone: 514  
 Address street1: #1605

**Shipping information:**

Address street1: 1605  
 Address street 2: 3580 Avenue Lorne  
 City: Montreal  
 State: QC  
 Zip: H2X 2A7  
 Country: Canada

**Order information:**

QTY	Product
1	Title: Learning Python, 5th Edition - Backing: PAPERBACK SRP: \$74.0 <b>Your Price: 25.0</b>

Subtotal width discount (0.0%): \$  
 Tax:  
 Shipping and Handling:  
 Total: \$

CreditCardType:  Visa  MasterCard  Discover  American Express  Diners  
 Name on Credit Card: liuwei  
 Credit Card Number: 4111111111111111  
 Credit Card Expiration Date (mm/dd/yyyy): 01/01/2030  
 Shipping method:  AIR  UPS  FEDEX  SHIP  COURIER  MAIL

**Submit** 

**Buy confirm**

**CloudScale**

**Buy confirm**

**Order information:**

QTY	Product
1	Title: Learning Python, 5th Edition - Backing: PAPERBACK SRP: \$74.0 <b>Your Price: 25.0</b>

**Your order has been processed**

Subtotal with discount:  
 Tax (8.25%)  
 Shipping and Handling:  
 Total:

**Order Number: 115131**

**Thank you for shopping at TPC-W**

## 2.8 Order list

The screenshot shows two browser windows for the CloudScale application.

**Order inquiry window:** The URL is `localhost:8080/cloudstore/order-inquiry`. It features a logo with AWS and CloudScale, and navigation links for Search, Shopping cart, and Order list. A red box highlights the login form fields: Username (`alininbabari`) and Password (`*****`). A red arrow points to the "Display last order" button.

**Order display window:** The URL is `localhost:8080/cloudstore/order-display?username=alininbabari&password=alininbabari`. It shows detailed order information for Order ID 115131, including:

- Order ID: 115131
- Order Placed on: 2020-05-01
- Shipping Type: AIR
- Ship date: 2020-05-02
- Order subtotal: 25.0
- Order Tax: 8.25
- Order Total: 25.0

Bill To:  
wei liu  
1605  
3580 Avenue Lorne  
QC H2X 2A7  
Canada

Ship to:  
#1605  
3580 Avenue Lorne  
QC H2X 2A7  
Canada

Email: liuwei.tianshu@gmail.com  
Phone: 514

Order status: PENDING

Item #	Title	Cost	QTY	Discount	Comment
344753	Learning Python, 5th Edition	25.0	1	47.0	H^AE/I0XwU@CQ: q(y+BLGWp%*rD:

## 2.9 Show best sellers

The screenshot shows the main page of the TPC-W CloudCommerce Benchmark. At the top, there is a navigation bar with a globe icon, the text "TPC-W", a search icon, a star icon, a "W" icon, and a three-dot menu icon. Below the navigation bar is the CloudScale logo, which includes an AWS icon and the word "CloudScale". To the right of the logo are links for "Search", "Shopping cart", and "Order list". The main title "TPC Web Commerce Benchmark (TPC-W)" is prominently displayed in large, bold, dark font. Below the title, there is a row of five book covers. Underneath the books, there are two sections: "What's new" and "Best sellers". A red arrow points from the "What's new" section towards the "Best sellers" section.

What's new	Best sellers
ARTS	NON-FICTION
BIOGRAPHIES	PARENTING
BUSINESS	POLITICS
CHILDREN	REFERENCE
COMPUTERS	RELIGION
COOKING	ROMANCE
HEALTH	SELF-HELP
HISTORY	SCIENCE-NATURE
HOME	SCIENCE-FICTION
HUMOR	SPORTS
LITERATURE	MYSTERY
ARTS	NON-FICTION
BIOGRAPHIES	PARENTING
BUSINESS	POLITICS
CHILDREN	REFERENCE
COMPUTERS	RELIGION
COOKING	ROMANCE
HEALTH	SELF-HELP
HISTORY	SCIENCE-NATURE
HOME	SCIENCE-FICTION
HUMOR	SPORTS
LITERATURE	MYSTERY

The screenshot shows the "Best sellers" page for the "COMPUTERS" category. The URL in the address bar is "localhost:8080/cloudstore/best-sellers?SUBJECT=COMPUTERS". The page layout is identical to the main page, featuring the CloudScale logo and navigation bar at the top. The main title "TPC Web Commerce Benchmark (TPC-W)" is centered above a row of five book covers. Below the books, a table displays the best-selling computer books. A red box highlights the first entry in the table.

#	Author	Title
1	Lutz Mark	Learning Python, 5th Edition

# Chapter 3 WallRide

## 3.1 Login

WallRide

localhost:8080/wallride/\_admin/login

My personal website

admin
*****

Remember me

Log in

WallRide

localhost:8080/wallride/\_admin/en/

My personal website http://localhost:8080/wallride Liu Wei

Articles Pages Categories Tags Custom Field Comments Users Google Analytics System English

Dashboard

Content	New Posts	Drafts
0 Posts	Popular Posts	
0 Pages		
0 Categories		

### 3.2 Edit user

This screenshot shows a user profile page for 'Liu Wei'. At the top right, there is a blue 'Edit' button with a red arrow pointing to it. Below the profile picture, a red box highlights the following fields:

Login ID	admin
URL	http://localhost:8080/wallride/author/admin
Nickname	
Email	liuwei.tianshu@gmail.com
プロフィール	
Posts	0

This screenshot shows the 'Edit User' form. Red arrows point to the 'Nickname' field (containing 'tianshu') and the 'Profile' text area (containing 'Hello, everyone!'). A red arrow also points to the 'Save' button at the bottom left.

Thumbnail Register Gravatar

Name Wei Liu

Nickname tianshu

Email liuwei.tianshu@gmail.com

Profile Hello, everyone!

Save

A screenshot of a web browser window showing a user profile for "Liu Wei". The URL is [localhost:8080/wallride/\\_admin/en/users/describe?id=1](http://localhost:8080/wallride/_admin/en/users/describe?id=1). The profile includes a placeholder profile picture, a red box highlighting the user information table, and a blue "Edit" button.

Login ID	admin
URL	<a href="http://localhost:8080/wallride/author/admin">http://localhost:8080/wallride/author/admin</a>
Nickname	tianshu
Email	liuwei.tianshu@gmail.com
プロフィール	Hello, everyone!
Posts	0

## 3.3 Category

### 3.3.1 Add new category

A screenshot of a modal window titled "Add New Category" over a "Categories" list. The modal contains fields for "Select Parent Category" (set to "Country"), "Category Name" (set to "Country"), and a description area. Two red arrows point to the "Save" button at the bottom right of the modal.

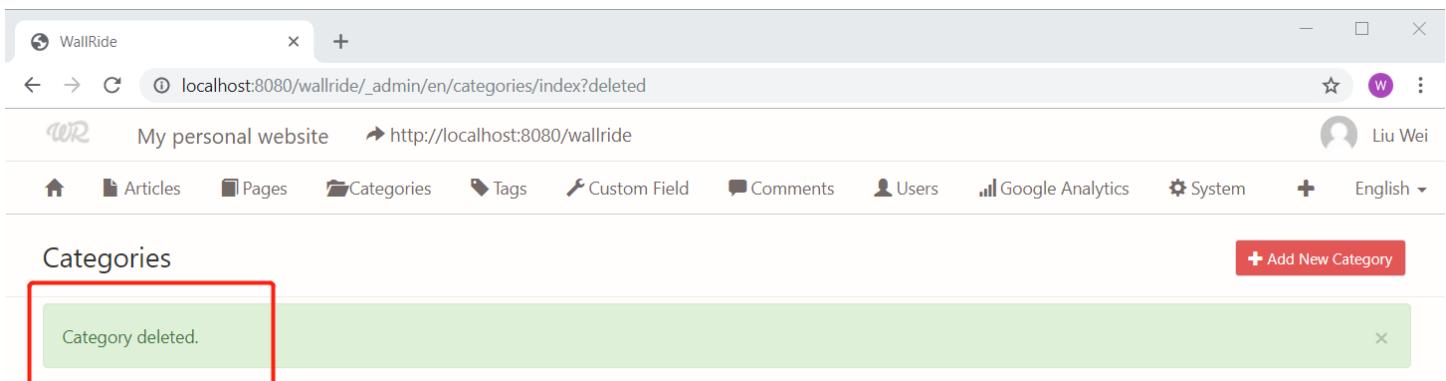
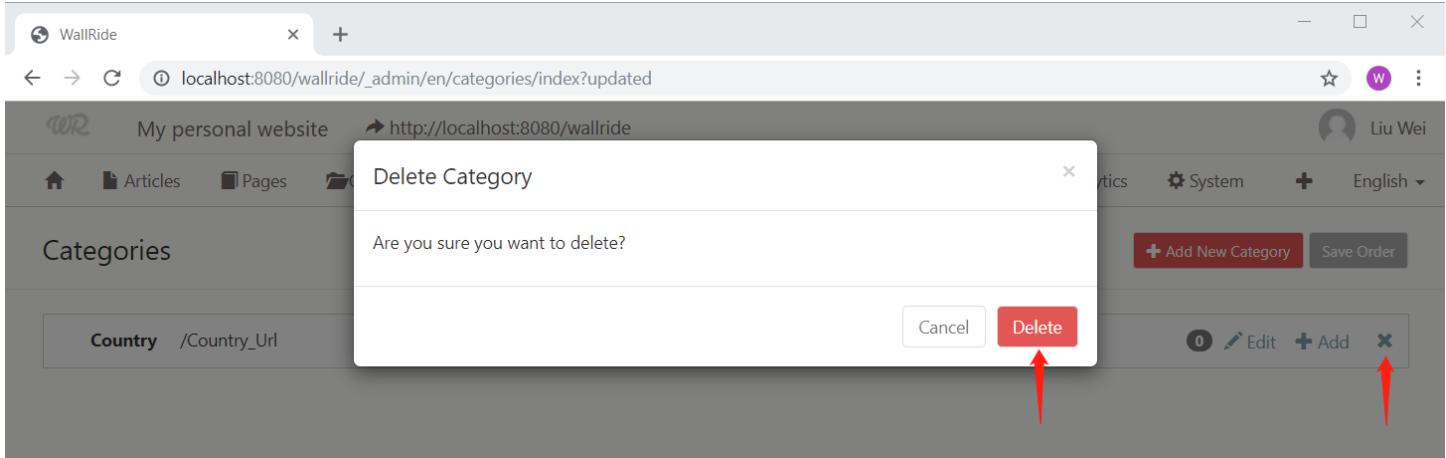
The screenshot shows the WallRide admin dashboard. At the top, there's a header with the site name "My personal website" and the URL "http://localhost:8080/wallride". Below the header, a navigation bar includes links for Home, Articles, Pages, Categories (which is highlighted), Tags, Custom Field, Comments, Users, Google Analytics, System, and a language switch to English. On the right, a user profile for "Liu Wei" is shown. The main content area is titled "Categories" and displays a green success message box containing "Category saved.". Below this, a category card for "Country" is shown with the URL "/Country". A red box highlights the success message, and a red arrow points to the "Edit" button in the category card's toolbar.

### 3.3.2 Edit category

This screenshot shows the "Edit Category" dialog box over the main categories list. The dialog has fields for "Select Parent Category" (set to "Country"), a "Country" name field, and a URL field containing "http://localhost:8080/wallride/category/ [Country.Url]". A red box highlights the URL field. Below the URL field is a note: "The term country refers to a political state or nation or its territory." At the bottom of the dialog are "Cancel" and "Save" buttons, with a red arrow pointing to the "Save" button. The background shows the same "Categories" list as the previous screenshot, with a red box highlighting the "Edit" button in the "Country" category card.

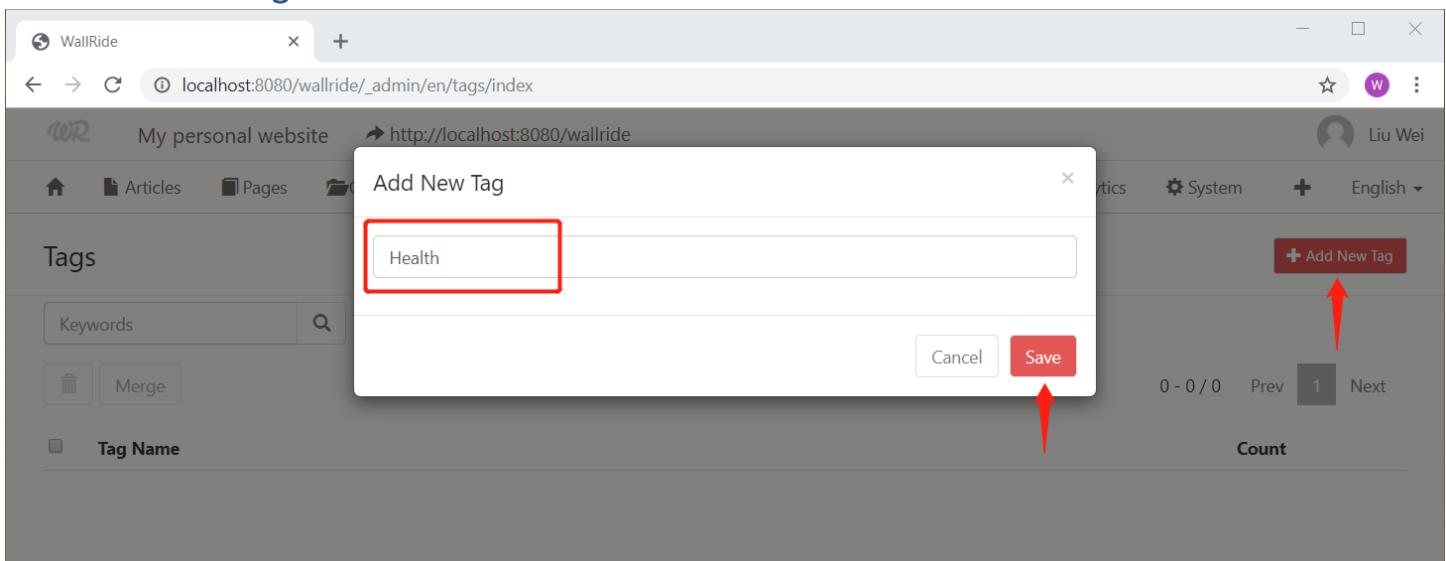
The screenshot shows the "Categories" list again. The "Country" category card now has the URL "/Country.Url" displayed in its URL field, with a red box highlighting it. The "Edit" button in the category card's toolbar is also highlighted with a red box. The rest of the interface is identical to the previous screenshots, showing the main navigation and user profile.

### 3.3.3 Delete category



## 3.4 Tag

### 3.4.1 Add new tag



The screenshot shows the WallRide admin interface at [localhost:8080/wallride/\\_admin/en/tags/index](http://localhost:8080/wallride/_admin/en/tags/index). A green success message box says "Tag saved." A red box highlights the message and the "Tag Name" input field where "Health" was typed. The "Count" column shows 0. A red "x" icon is in the top right corner of the message box.

### 3.4.2 Edit tag

The screenshot shows the WallRide admin interface at [localhost:8080/wallride/\\_admin/en/tags/index](http://localhost:8080/wallride/_admin/en/tags/index). An "Edit Tag" dialog is open, with the "Tag Name" field containing "Public health" highlighted by a red box. A red arrow points to the "Save" button. The main page shows a list of tags: "Health" (Count 0) and "Health" (Count 0). A red arrow points to the "Edit" link next to the second "Health" entry.

The screenshot shows the 'Tags' section of the WallRide admin interface. A green success message box at the top left says 'Tag saved.'. Below it is a search bar with 'Keywords' and a magnifying glass icon. To the right are 'Merge' and 'Delete' buttons. The main table has columns for 'Tag Name' and 'Count'. A single row for 'Public health' is shown with a count of 0 and an 'Edit' button. The entire 'Tags' section is highlighted with a red border.

### 3.4.3 Delete tag

The screenshot shows the 'Tags' section with a 'Delete Article' confirmation dialog overlaid. The dialog asks 'Are you sure you want to delete?' with a checked 'Confirm' checkbox. It has 'Cancel' and 'Delete' buttons, with a red arrow pointing to the 'Delete' button. On the left, there's a 'Merge' button with a red arrow pointing to it. The 'Tags' table below shows rows for 'Tag Name' and 'Public health', both with checked checkboxes. The entire 'Tags' section is highlighted with a red border.

Tags

Tags deleted.

Keywords

0 - 0 / 0 Prev 1 Next

Tag Name Count

## 3.5 Custom field

### 3.5.1 Add new custom field

Add New Custom Field

Field Name

Code

Description

Type

Save

Custom Fields

Field Name	Code	Description	Type	Field Option
Author	1	the author of article	Text	<a href="#">Edit</a>

Custom Field saved.

### 3.5.2 Edit custom field

Edit Custom Field

Field Name	Author
Code	1
Description	the article's author
Type	Text

[Save](#)

WallRide x +

localhost:8080/wallride/\_admin/en/customfields/index?id=3

My personal website http://localhost:8080/wallride

Liu Wei

Articles Pages Categories Tags Custom Field Comments Users Google Analytics System English

Custom Fields

Sort Order + Add New Custom Field

Keywords Search icon

Custom Field saved.

1 - 1 / 1 Prev 1 Next

Field Name	Code	Description	Type	Field Option
Author	1	the article's author	Text	<span>Edit</span>

### 3.5.3 Delete custom field

WallRide x +

localhost:8080/wallride/\_admin/en/customfields/index?id=3

My personal website http://localhost:8080/wallride

Liu Wei

Articles Pages Categories

Custom Fields

Keywords Search icon

Custom Field saved.

Delete Custom Field

Are you sure you want to delete?

Confirm

Cancel Delete

1 - 1 / 1 Prev 1 Next

Field Name	Code	Description	Type	Field Option
Author	1	the article's author	Text	<span>Edit</span>

WallRide x +

localhost:8080/wallride/\_admin/en/customfields/index?id=3

My personal website http://localhost:8080/wallride

Liu Wei

Articles Pages Categories Tags Custom Field Comments Users Google Analytics System English

Custom Fields

Keywords

Custom Fields deleted. ×

0 - 0 / 0 Prev 1 Next

<input type="checkbox"/>	Field Name	Code	Description	Type	Field Option
--------------------------	------------	------	-------------	------	--------------

## 3.6 Article

### 3.6.1 Add new article

The screenshot shows the 'Add New Article' page in the WallRide admin interface. The left side features a rich text editor with a toolbar and a preview area showing the word 'Canada'. The right side contains various configuration fields:

- Publish Date:** A date/time input field.
- Categories:** A checkbox labeled 'Country' and a link to '+ Add New Category'.
- Tags:** A list containing 'Culture'.
- Related Posts:** An empty input field.
- SEO:** Fields for 'Title' and 'Description'.
- Keywords:** An empty input field.
- Author:** A field containing 'Wei Liu'.

At the top right of the page, there are three buttons: 'Preview', 'Save Draft', and a prominent red 'Publish' button. A red arrow points upwards towards the 'Publish' button.

The screenshot shows the WallRide administration interface. At the top, there's a header with a logo, the URL 'localhost:8080/wallride/\_admin/en/articles/describe?id=3', and user information for 'Liu Wei'. Below the header is a navigation bar with links for Home, Articles, Pages, Categories, Tags, Custom Field, Comments, Users, Google Analytics, System, and a language switch to English. The main content area has a title 'Canada: Introduction' and a sub-title '/wallride/2020/06/10/Canada'. A green success message box says 'Article saved.' A red box highlights this message. To the right of the article content, there's a sidebar with various settings: Published (2020/06/10 18:03), Categories, Country, Tags (Culture), Related Posts, SEO, Title, Description, Keywords, Author (Wei Liu), and a Delete Article button.

Published  
2020/06/10 18:03

Categories

Country

Tags

Culture

Related Posts

SEO

Title

Description

Keywords

Author

Wei Liu

Delete Article

### 3.6.2 Scan article

The screenshot shows the live version of the WallRide website. The browser title is 'WallRide' and the page title is 'My personal website'. The main content area features a 'Latest News' section with a thumbnail of the 'WallRide' logo, the article title 'Canada: Introduction' (with a red arrow pointing to it), a snippet 'Canada is a country in the northern part of N...', the date '2020/06/10 18:03', the author 'Liu Wei', and tags 'Country' and 'Culture'. On the right side, there's a 'Country' search input field.

WallRide

My personal website

localhost:8080/wallride/

Search

Submit

English ▾ Liu Wei ▾

Latest News

Canada: Introduction ←

Canada is a country in the northern part of N...

2020/06/10 18:03 Liu Wei

Country Culture

Country

WallRide Canada: Introduction | My person +

localhost:8080/wallride/2020/06/10/Canada

My personal website Search Submit English Liu Wei

## Canada: Introduction

Canada is a country in the northern part of North America. Its ten provinces and three territories extend from the Atlantic to the Pacific and northward into the Arctic Ocean, covering 9.98 million square kilometres (3.85 million square miles), making it the world's second-largest country by total area.

Culture

Wei Liu

Liu Wei

### Comments

Write a comment

### 3.6.3 Show article by tag 'Culture'

WallRide Canada: Introduction | My person My personal website +

localhost:8080/wallride/tag/Culture

My personal website Search Submit English Liu Wei

## Culture

 Canada: Introduction

Canada is a country in the northern part of N...

2020/06/10 18:03 · Liu Wei

Culture

### 3.6.4 Write comment

A screenshot of a web browser window titled "WallRide". The address bar shows "localhost:8080/wallride/2020/06/10/Canada". The page content is titled "Canada: Introduction". Below the title, there is a text area containing the following text:  
Canada is a country in the northern part of North America. Its ten provinces and three territories extend from the Atlantic to the Pacific and northward into the Arctic Ocean, covering 9.98 million square kilometres (3.85 million square miles), making it the world's second-largest country by total area.  
A blue "Post" button is highlighted with a red arrow.

A screenshot of a web browser window titled "WallRide". The address bar shows "localhost:8080/wallride/2020/06/10/Canada". The page content is titled "Canada: Introduction". Below the title, there is a text area containing the following text:  
Canada is a country in the northern part of North America. Its ten provinces and three territories extend from the Atlantic to the Pacific and northward into the Arctic Ocean, covering 9.98 million square kilometres (3.85 million square miles), making it the world's second-largest country by total area.  
A blue "Post" button is highlighted with a red arrow.

### 3.6.5 Delete comment

The screenshot shows the WallRide admin interface for managing comments. A modal dialog titled "Delete Comment" is open, asking "Are you sure you want to delete?" with a checked "Confirm" checkbox. Below the dialog are "Cancel" and "Delete" buttons, with a red arrow pointing to the "Delete" button. In the background, the main comments list shows a single comment from "Liu Wei" with the text "First comment for 'Canada: Introduction'". The "Delete" button in the list has a red arrow pointing to it.

The screenshot shows the WallRide admin interface after a comment has been deleted. A green success message box at the top states "Comments deleted." (with a red box around the text). The main comments list is empty, showing "0 - 0 / 0" comments. The "Delete" button in the list has a red arrow pointing to it.

### 3.6.6 Edit article

Cover Image

Canada: Introduction

http://localhost:8080/wallride/2020/06/10/ Canada

Canada is a country in the northern part of North America. Its ten provinces and three territories extend from the Atlantic to the Pacific and northward into the Arctic Ocean, covering 9.98 million square kilometres (3.85 million square miles), making it the world's second-largest country by total area.

Welcome to Canada!

Publish Date  
2020/06/10 18:03

Categories  
 Country  
Add New Category

Tags  
Culture

Related Posts

SEO  
Title

Description

Keywords

Author  
Wei Liu

Preview Save Draft Publish

WallRide x +

localhost:8080/wallride/\_admin/en/articles/describe?id=3

My personal website <http://localhost:8080/wallride>

Liu Wei

Articles Pages Categories Tags Custom Field Comments Users Google Analytics System English

← Canada: Introduction Published 2020/06/10 18:03 ← → Edit

/wallride/2020/06/10/Canada

Article saved.

Canada is a country in the northern part of North America. Its ten provinces and three territories extend from the Atlantic to the Pacific and northward into the Arctic Ocean, covering 9.98 million square kilometres (3.85 million square miles), making it the world's second-largest country by total area.

Welcome to Canada!

Created By Liu Wei

Categories

Country

Tags

Culture

Related Posts

SEO

Title

Description

Keywords

Author

Wei Liu

Delete Article

WallRide x +

Canada: Introduction | My personal website x

localhost:8080/wallride/2020/06/10/Canada

My personal website Search Submit English Liu Wei

# Canada: Introduction

Canada is a country in the northern part of North America. Its ten provinces and three territories extend from the Atlantic to the Pacific and northward into the Arctic Ocean, covering 9.98 million square kilometres (3.85 million square miles), making it the world's second-largest country by total area.

Welcome to Canada!

Culture

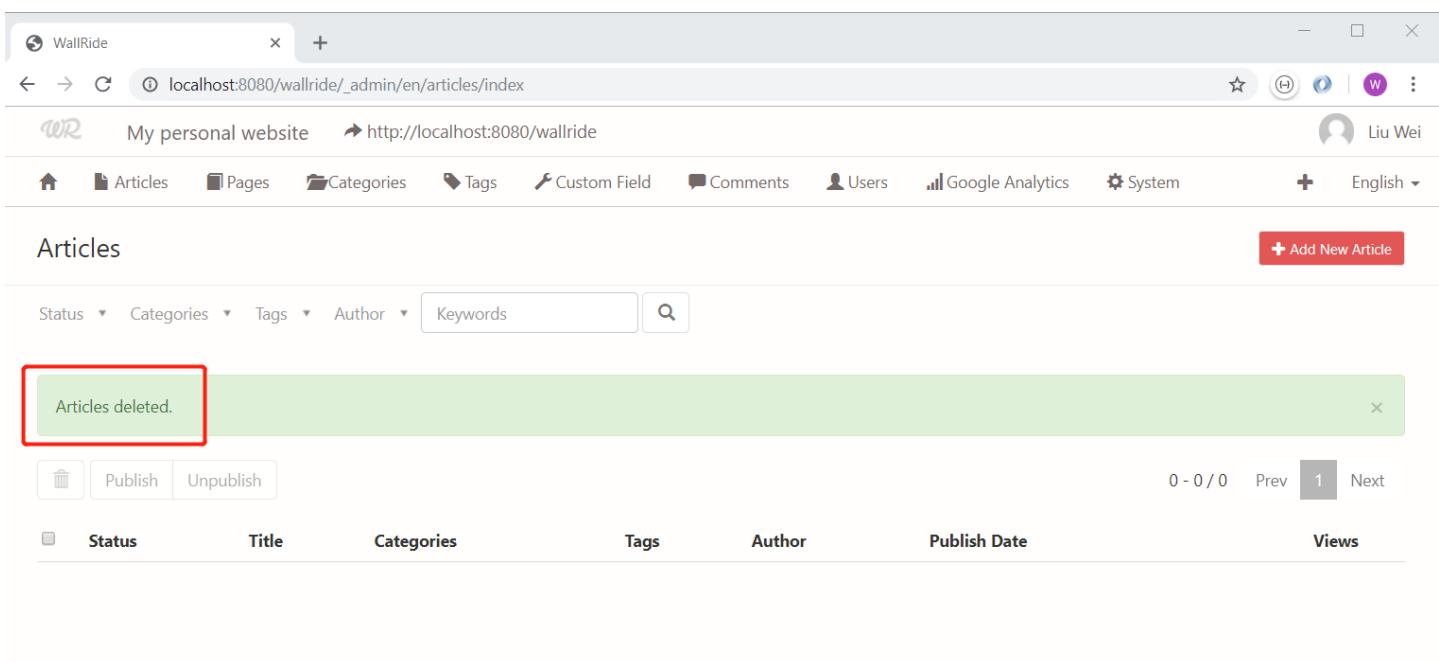
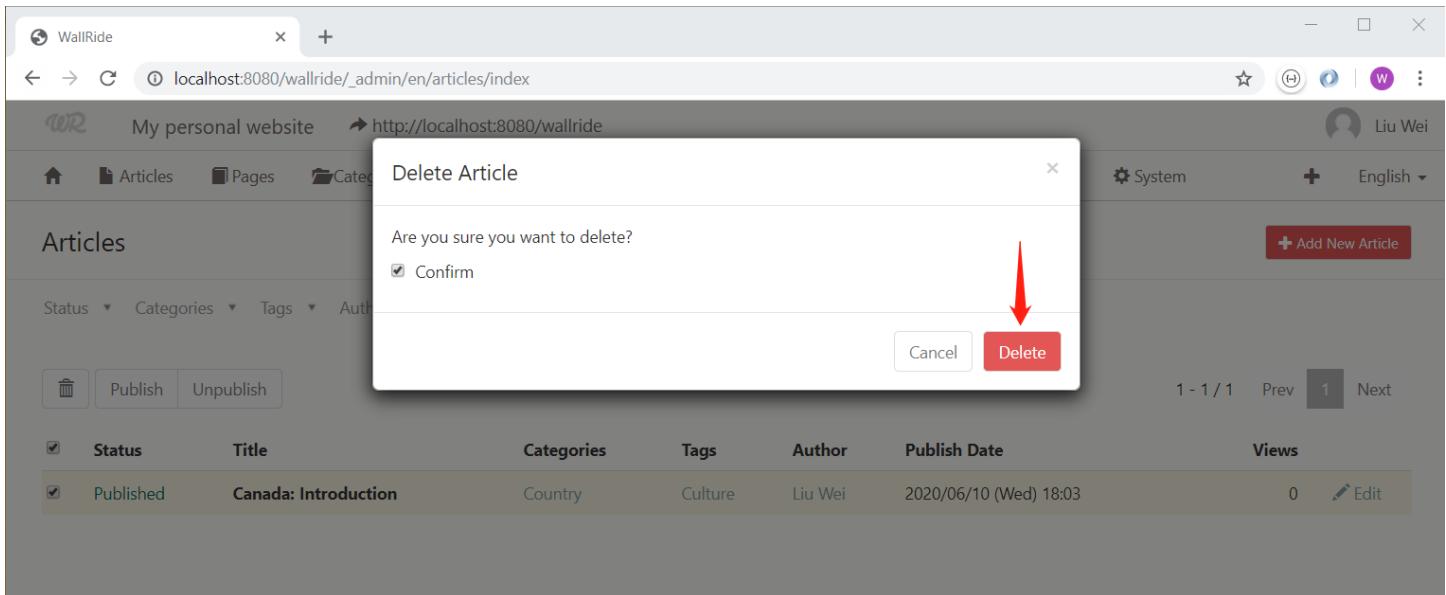
Wei Liu

Liu Wei

## Comments

Write a comment

### 3.6.7 Delete article



## 3.7 Page

### 3.7.1 Add new page

The screenshot shows the WallRide administration interface for creating a new page. The top navigation bar includes links for Home, Articles, Pages, Categories, Tags, Custom Field, Comments, Users, Google Analytics, System, and a language switch for English. The user profile 'Liu Wei' is visible on the right.

The main content area is titled 'Add New Page'. On the left, there's a rich text editor toolbar and a text input field containing the placeholder 'This is the home to remember everyday life!'. To the right of the editor are various configuration fields:

- Publish Date:** A date/time picker set to 'YYYY/MM/DD HH:mm'.
- Parent Page:** A dropdown menu labeled 'Select Parent Page'.
- Categories:** A checkbox labeled 'Country' is checked, with an option to 'Add New Category'.
- Tags:** An input field containing 'Entertainment'.
- Related Posts:** An empty input field.
- SEO:** Fields for 'Title' and 'Description'.
- Keywords:** An empty input field.
- Author:** An input field containing 'Wei Liu'.

At the top right of the page, there are three buttons: 'Preview', 'Save Draft', and a prominent red 'Publish' button, which is highlighted with a red arrow pointing to it.

The screenshot shows the WallRide administration interface. At the top, there's a navigation bar with links for Home, Articles, Pages, Categories, Tags, Custom Field, Comments, Users, Google Analytics, System, and Language (English). On the right, there's a user profile for 'Liu Wei'. Below the navigation, a page titled 'Everyday Life' is displayed. A green success message box contains the text 'Page saved.' A red rectangle highlights this message. To the right of the page title, there are buttons for Published (2020/06/10 18:00), Back, Forward, and Edit. On the right side of the page, there are sections for Parent Page, Categories (Entertainment), Country, Tags (Entertainment), Related Posts, SEO, Title, Description, Keywords, Author (Wei Liu), and a Delete Page button.

### 3.7.2 Scan page

The screenshot shows the 'Everyday Life' page from the website. The header includes a navigation bar with 'My personal website' and 'Everyday Life' (highlighted by a red arrow pointing up), a search bar, and a submit button. On the right, there are language and user dropdowns ('English', 'Liu Wei'). The main content area displays the heading 'Everyday Life' and the text 'This is the home to remember everyday life!'. Below the text is a link to the 'Entertainment' tag.

### 3.7.3 Edit page

The screenshot shows the 'Edit Page' screen in the WallRide admin interface. The top navigation bar includes links for 'Articles', 'Pages', 'Categories', 'Tags', 'Custom Field', 'Comments', 'Users', 'Google Analytics', and 'System'. A user profile for 'Liu Wei' is visible on the right.

The main area is titled 'Edit Page' and contains a rich text editor with a toolbar. The editor's content area displays the text: "This is the home to remember everyday life!" and "Nice to meet you!". The "Nice to meet you!" text is highlighted with a red box.

On the right side, there are several configuration sections:

- Publish Date:** Set to "2020/06/10 18:00".
- Parent Page:** A dropdown menu set to "Select Parent Page".
- Categories:** A checkbox for "Country" is checked, and a link to "Add New Category" is available.
- Tags:** A tag "Entertainment" is listed.
- Related Posts:** An empty input field.
- SEO:** Fields for "Title" and "Description".
- Keywords:** An empty input field.
- Author:** Set to "Wei Liu".

At the top right of the main area, there are three buttons: "Preview", "Save Draft", and a large red "Publish" button, which has a red arrow pointing to it.

The screenshot shows the WallRide admin interface for a page titled "Everyday Life". A red box highlights the green success message "Page saved." in the top left corner. To the right, the page's details are listed: Published on 2020/06/10 18:00, Parent Page, Categories (Country), Tags (Entertainment), Related Posts, SEO (Title, Description, Keywords), and Author (Wei Liu). There is also a "Delete Page" button.

WallRide

localhost:8080/wallride/\_admin/en/pages/describe?id=5

My personal website http://localhost:8080/wallride

Articles Pages Categories Tags Custom Field Comments Users Google Analytics System English

Everyday Life

Page saved.

This is the home to remember everyday life!

Nice to meet you!

Created By Liu Wei

Published 2020/06/10 18:00

Parent Page

Categories

Country

Tags Entertainment

Related Posts

SEO

Title

Description

Keywords

Author Wei Liu

Delete Page

The screenshot shows the published version of the "Everyday Life" page. A red box highlights the "Nice to meet you!" text. Below it, there is a link to "Entertainment". The page title is "Everyday Life".

WallRide

localhost:8080/wallride/Everyday

My personal website Everyday Life Search Submit English Liu Wei

# Everyday Life

This is the home to remember everyday life!

Nice to meet you!

Entertainment

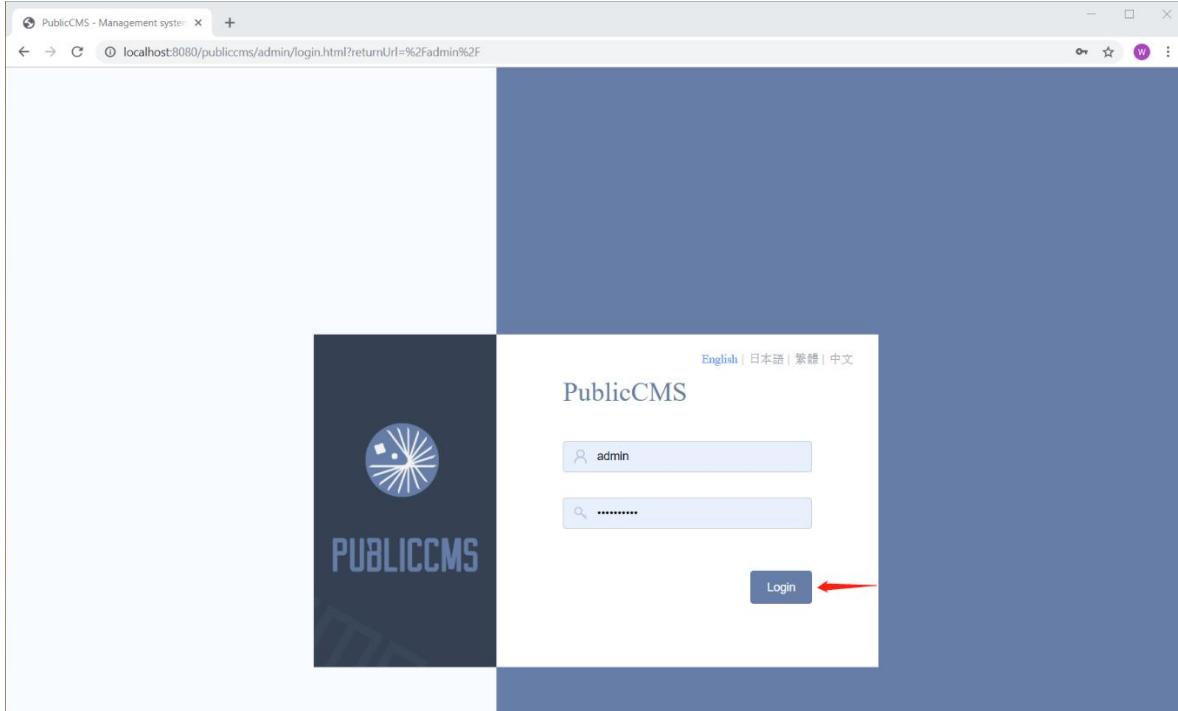
### 3.7.4 Delete page

The screenshot shows the WallRide admin interface for managing pages. A modal dialog titled "Delete Pages" is displayed, asking "Are you sure you want to delete?" with a checked "Confirm" checkbox. Two buttons are at the bottom: "Cancel" and a red "Delete" button, which is highlighted with a red arrow. The background shows a table of pages with one entry selected: "Published" status, "Everyday Life" title, "Country" category, "Entertainment" tag, "Liu Wei" author, "2020/06/10 (Wed) 18:00" publish date, and 0 views. The "Edit" button is also visible.

The screenshot shows the WallRide admin interface after a page has been deleted. A green notification bar at the top states "Pages deleted." This message is highlighted with a red box. Below the bar, the page list table is empty, showing 0 - 0 / 0 pages. The table headers are Status, Title, Categories, Tags, Author, Publish Date, and Views.

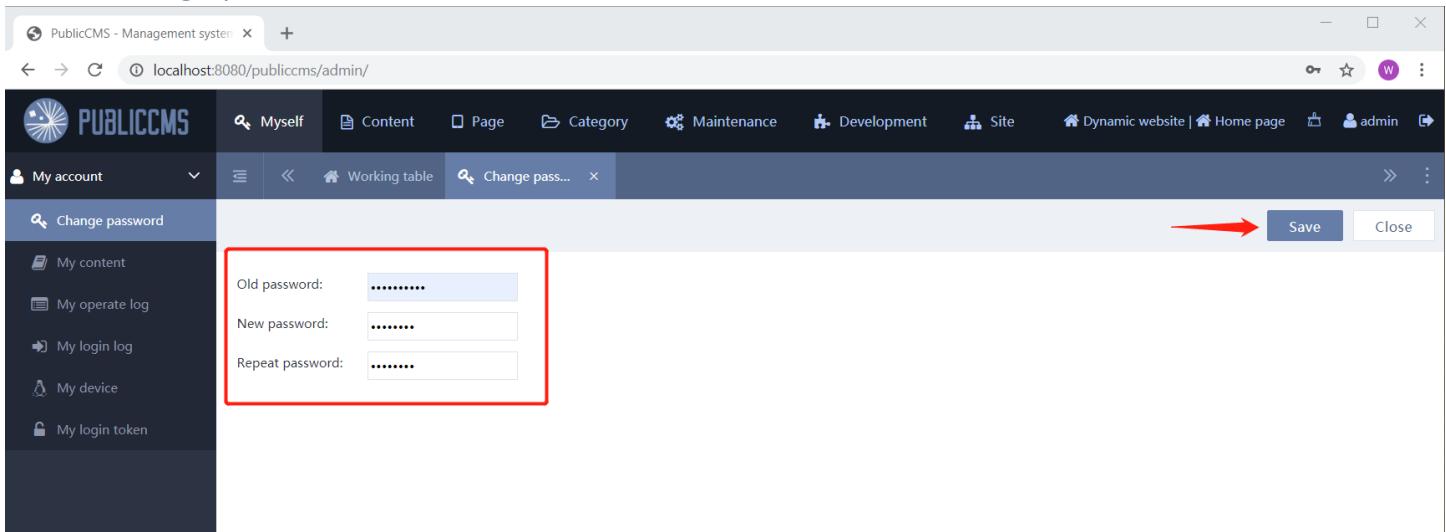
# Chapter 4 PublicCMS

## 4.1 Login



## 4.2 Myself

### 4.2.1 Change password



## 4.2.2 Search my operate log

The screenshot shows the PublicCMS Management system interface. The left sidebar has a dark theme with the following menu items:

- My account
- Change password
- My content
- My operate log** (highlighted)
- My login log
- My device
- My login token

The main content area has a light blue header with tabs: Myself, Content, Page, Category, Maintenance, Development, Site, Dynamic website | Home page, admin. Below the header is a search bar with fields: Channel, Code, Log content, Operate date, and a **Search** button. A red arrow points to the **Search** button.

Channel	Operate/Code	Operate IP	Operate date	Log content
web_manager	Change password / changepassword	0:0:0:0:0:1	2020-06-15 19:43:56	5e23a66a2a885d91b904f01e31622509c0314c82b84ee320b26bf244c018...View more
web_manager	Delete the operation log / delete.logOperate	0:0:0:0:0:1	2020-06-15 18:54:02	73
web_manager	Delete the operation log / delete.logOperate	0:0:0:0:0:1	2020-06-15 18:53:43	70
web_manager	Delete the operation log / delete.logOperate	0:0:0:0:0:1	2020-06-15 18:23:26	71

This screenshot is similar to the previous one, showing the search results for operating logs. The main difference is that the first row in the table is now highlighted with a red box, indicating it is selected or the result of the search. A red arrow points to this highlighted row.

## 4.2.3 Delete my operate log

The screenshot shows the PublicCMS Management system interface. The left sidebar has a dark theme with the following menu items:

- My account
- Change password
- My content
- My operate log** (highlighted)
- My login log
- My device
- My login token

The main content area has a light blue header with tabs: Myself, Content, Page, Category, Maintenance, Development, Site, Dynamic website | Home page, admin. Below the header is a search bar with fields: Channel, Code, Log content, Operate date, and a **Search** button. A red arrow points to the **Search** button.

A confirmation dialog box is overlaid on the page, asking "Are you sure to delete these record?". It has two buttons: **OK** and **Cancel**. A red arrow points to the **OK** button.

Below the confirmation dialog, there is a "Batch delete" link with a red arrow pointing to it. The main table below shows the same log entries as the previous screenshots.

Channel	Operate/Code	Operate IP	Operate date	Log content
web_manager	Change password / changepassword	0:0:0:0:0:1	2020-06-15 19:43:56	5e23a66a2a885d91b904f01e31622509c0314c82b84ee320b26bf244c018...View more
web_manager	Delete the operation log / delete.logOperate	0:0:0:0:0:1	2020-06-15 18:54:02	73
web_manager	Delete the operation log / delete.logOperate	0:0:0:0:0:1	2020-06-15 18:53:43	70
web_manager	Delete the operation log / delete.logOperate	0:0:0:0:0:1	2020-06-15 18:23:26	71

Channel	Operate/Code	Operate IP	Operate date	Log content
web_manager	Delete the operation log / delete.logOperate	0:0:0:0:0:1	2020-06-15 19:49:02	76
web_manager	Delete the operation log / delete.logOperate	0:0:0:0:0:1	2020-06-15 18:54:02	73
web_manager	Delete the operation log / delete.logOperate	0:0:0:0:0:1	2020-06-15 18:53:43	70
web_manager	Delete the operation log / delete.logOperate	0:0:0:0:0:1	2020-06-15 18:23:26	71

#### 4.2.4 Search my login log

User name	Channel	Login IP	Result	Login date	Error password
admin	web_manager	0:0:0:0:0:1	Fail	2020-06-16 11:38:31	admin123456

#### 4.2.5 Delete my login log

Confirmation

Are you sure to delete these record?

OK Cancel

Batch delete

User name	Channel	Login IP	Result	Login date	Error password
admin	web_manager	0:0:0:0:0:1	Success	2020-06-16 11:38:34	
admin	web_manager	0:0:0:0:0:1	Fail	2020-06-16 11:38:31	admin123456
admin	web_manager	0:0:0:0:0:1	Success	2020-06-16 11:33:35	
admin	web_manager	0:0:0:0:0:1	Success	2020-06-15 23:42:08	
admin	web_manager	0:0:0:0:0:1	Success	2020-06-15 19:44:07	
admin	web_manager	0:0:0:0:0:1	Success	2020-06-15 19:43:05	

The screenshot shows the PublicCMS Management system interface. The left sidebar has a dark theme with items like 'My account', 'Change password', 'My content', 'My operate log', 'My login log' (which is selected and highlighted in blue), 'My device', and 'My login token'. The main content area has a title 'Working table' and a sub-tab 'My login log'. There are search filters for 'Result' (Unrestricted), 'Channel' (empty), 'Login date' (empty), and 'Login IP' (empty). A 'Search' button is at the bottom right of the filter bar. Below the filters is a table with columns: User name, Channel, Login IP, Result, Login date, and Error password. The table contains five rows, all for 'admin' with 'web\_manager' as the channel and various login dates between June 15 and 16, 2020.

#### 4.2.6 Search my login token

This screenshot shows the 'My login token' page. The left sidebar includes 'My login token' (selected). The main content area has a title 'Working table' and a sub-tab 'My login token'. A search bar at the top has 'Channel: web\_manager' entered. A 'Search' button is to the right of the search bar. Below the search bar is a table with columns: Channel, Authorize date, Expiry date, and Login IP. It lists three tokens for 'web\_manager': one from 2020-06-16 11:50:02 to 2020-07-16 11:50:02, another from 2020-06-16 11:46:35 to 2020-07-16 11:46:35, and a third row labeled 'web\_manager[Current token]' from 2020-06-16 11:38:34 to 2020-07-16 11:38:34. A red box highlights the entire table.

#### 4.2.7 Delete my login token

This screenshot shows a confirmation dialog box over the 'My login token' list. The dialog asks 'Are you sure to delete this record?'. It has two buttons: 'OK' and 'Cancel'. A red arrow points to the 'Delete' button in the list below. Another red arrow points to the 'OK' button in the confirmation dialog. The list below shows the same three tokens as the previous screenshot, with the third one being the current token.

PublicCMS - Management system

localhost:8080/publiccms/admin/index.html#

Myself Content Page Category Maintenance Development Site Dynamic website | Home page admin

Working table My login token

Channel:   
Delete

Channel	Authorize date	Expiry date	Login IP
web_manager	2020-06-16 11:50:02	2020-07-16 11:50:02	0:0:0:0:0:1
web_manager	2020-06-16 11:46:35	2020-07-16 11:46:35	0:0:0:0:0:1

## 4.3 Content

### 4.3.1 Add tag

PublicCMS - Management system

localhost:8080/publiccms/admin/#

Myself Content Page Category Maintenance Development Site Dynamic website | Home page admin

Content management Content extension Tag management Search word management Content recycle Comment management

Working table Tag manage... Add tag

Tag type:    
Name: electric car  
Hot degree: 1

Save Close

PublicCMS - Management system

localhost:8080/publiccms/admin/#

Myself Content Page Category Maintenance Development Site Dynamic website | Home page admin

Content management Content extension Tag management Search word management Content recycle Comment management

Working table Tag manage...

Name:  Tag type:    
+ Add tag

ID	Name	Tag type	Hot degree	Operate
1	electric car		1	<input type="button" value="Edit"/> <input type="button" value="Delete"/>

### 4.3.2 Edit tag

The screenshot shows the 'Edit tag' dialog in the PublicCMS Management system. The 'Name' field is highlighted with a red box and contains 'electric vehicle'. A red arrow points to the 'Save' button in the top right corner.

The screenshot shows the 'Tag management' working table in the PublicCMS Management system. A row with ID 1 and name 'electric vehicle' is selected and highlighted with a red box. A red arrow points to the 'Search' button in the top right corner of the table header.

### 4.3.3 Delete tag

The screenshot shows a confirmation dialog in the PublicCMS Management system asking 'Are you sure to delete this record?'. Two red arrows point to the 'OK' button in the dialog and the 'Delete' link in the 'Operate' column of the table row for ID 1.

The screenshot shows the 'Tag management' working table in the PublicCMS Management system after the deletion of the row with ID 1 and name 'electric vehicle'. The row is no longer present in the table.

#### 4.3.4 Add search word

Name: Sustainable energy  
Hot degree: 0

Save Close

ID	Name	Hot degree	Front display	Create date	Operate
1	Sustainable energy	0	Show	2020-06-19 12:00:44	Edit  Hide  Delete

#### 4.3.5 Edit search word

Name: Green power  
Hot degree: 0

Save Close

The screenshot shows the PublicCMS Management system interface. The left sidebar includes options like Content management, Content extension, Tag management, Search word management (which is currently selected), Content recycle, and Comment management. The main content area has tabs for Working table and Search word ... . A search bar at the top allows filtering by Name, Front display, and Create date. Below is a table with columns: ID, Name, Hot degree, Front display, Create date, and Operate. The first row, 'Green power', is selected and highlighted with a red box. The 'Operate' column for this row contains links for Edit, Hide, and Delete.

#### 4.3.6 Delete search word

This screenshot shows a confirmation dialog box titled 'Confirmation' with the message 'Are you sure to delete this record?'. There are 'OK' and 'Cancel' buttons. In the background, the search word management table is visible, and the 'Delete' link in the 'Operate' column of the 'Green power' row is highlighted with a red arrow.

This screenshot shows the search word management page after the deletion. The 'Green power' row from the previous screens is no longer visible in the table, indicating it has been successfully deleted.

## 4.4 Maintenance

### 4.4.1 Add user

User name:   Administrator

Password:

Repeat password:

Nick name:

EMail:

**Save** **Close**

Name:	Normal	User type	Email verification status	Registration date:	Last login date:	Search
						<b>Search</b>
9	user	user	user@sanluan.com	Unverified	Normal	<a href="#">Login log</a>
1	admin	[Manage all contents]	admin[Administrator]	master@sanluan.com	Unverified	<a href="#">Operation log</a>

### 4.4.2 Edit user

User name:   Administrator

Password:  Leave blank to not update password

Repeat password:

Nick name:

EMail:

**Save** **Close**

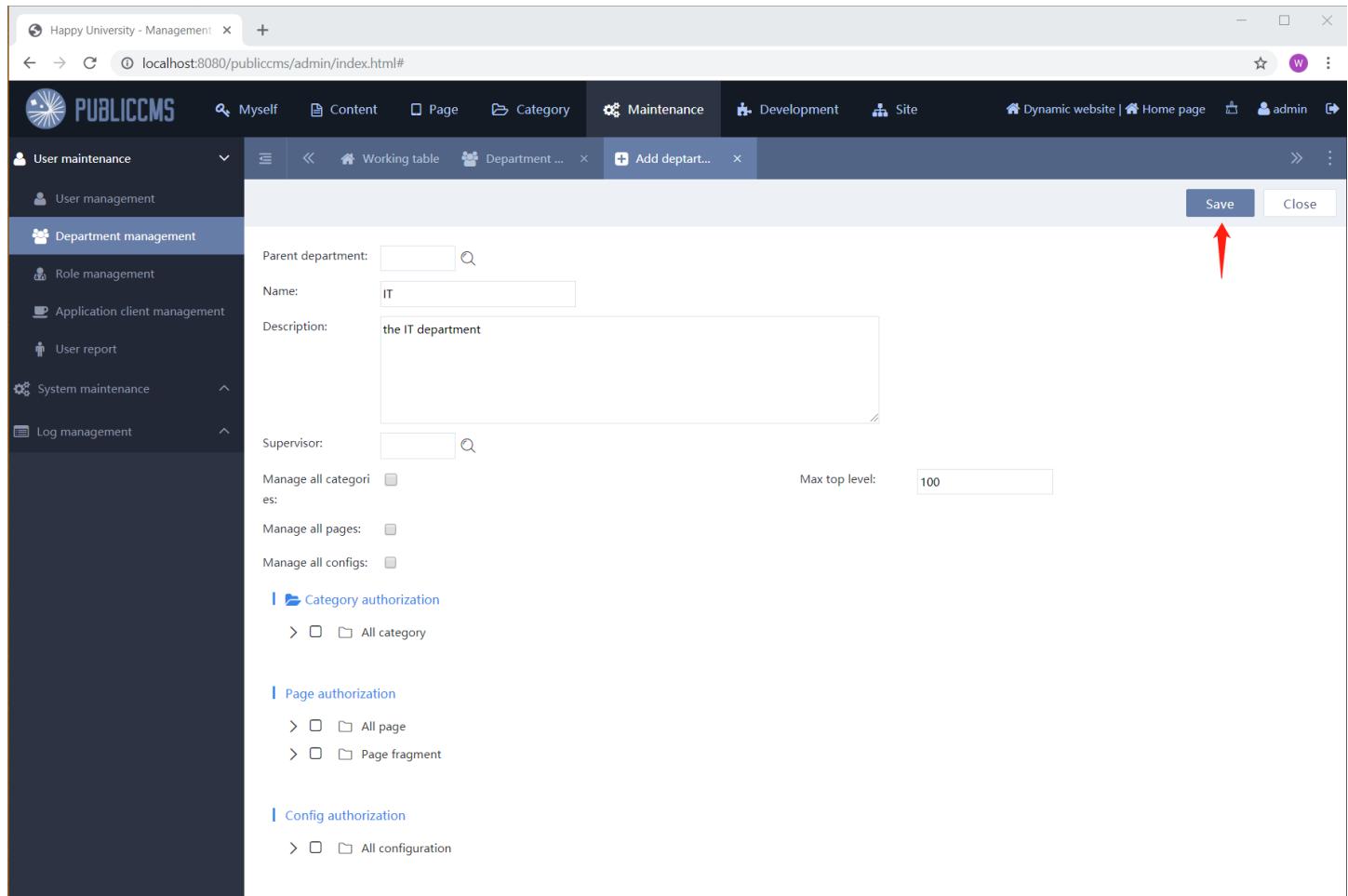
The screenshot shows the PublicCMS Management system interface. The left sidebar has 'User maintenance' expanded, with 'User management' selected. The main area shows a table of users. A user named 'user' (ID 5) is selected, highlighted with a red box. The table columns include ID, User name, Nick name, EMail, EMail verification status, Disabled, Last login ip, Last login date, Login count, Registration date, and Operate. The 'Disabled' column for the selected user shows 'Normal'. The 'Operate' column for the selected user contains 'Login log'.

#### 4.4.3 Disable user

A confirmation dialog box is displayed, asking 'Are you sure to disable this record?'. It has 'OK' and 'Cancel' buttons. An arrow points to the 'OK' button. The background shows the same user management interface as the previous screenshot, with the 'user' record still selected.

The screenshot shows the user management page again. The 'user' record (ID 5) is now listed with a red box around it. In the 'Disabled' column, the value 'Disabled' is shown, indicating the user has been successfully disabled. The 'Operate' column for this user now contains 'Login log'.

#### 4.4.4 Add department



The screenshot shows the 'Add department' dialog in the PublicCMS Management system. The dialog form includes fields for Parent department, Name (IT), Description (the IT department), Supervisor, and checkboxes for managing categories, pages, and configurations. Below the form are sections for Category authorization, Page authorization, and Config authorization, each with a tree view of items. At the top right of the dialog is a 'Save' button, which is highlighted with a red arrow.

Parent department:

Name:

Description: the IT department

Supervisor:

Manage all categories:  Max top level:

Manage all pages:

Manage all configs:

**Category authorization**

- >  All category

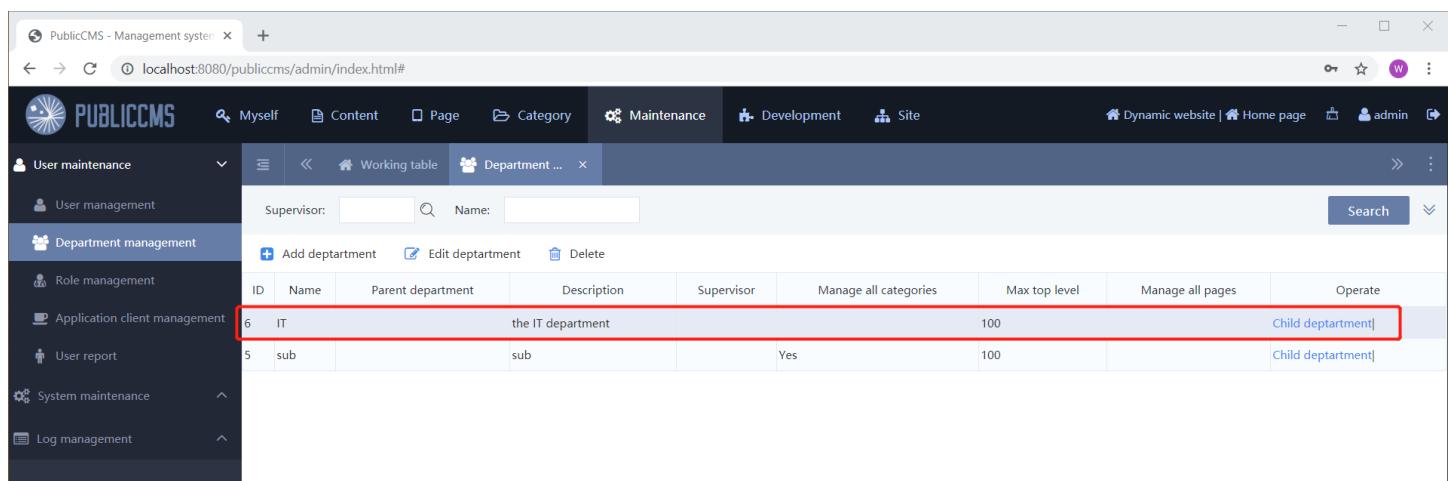
**Page authorization**

- >  All page
- >  Page fragment

**Config authorization**

- >  All configuration

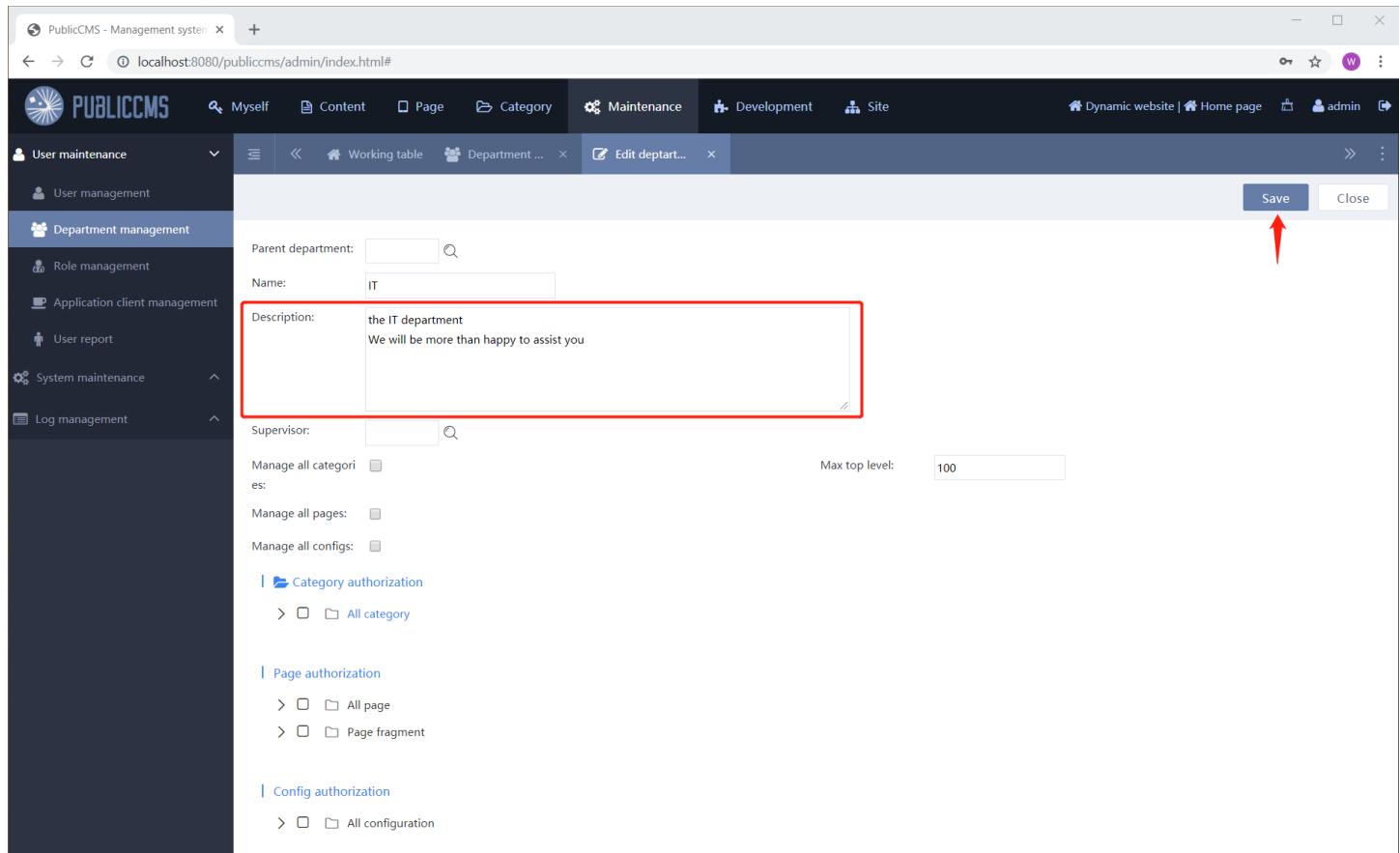
Save Close



The screenshot shows the 'Working table' of departments in the PublicCMS Management system. The table has columns for ID, Name, Parent department, Description, Supervisor, Manage all categories, Max top level, Manage all pages, and Operate. A new row is added for the 'IT' department, which is highlighted with a red box. The 'Operate' column for this row contains the text 'Child department'.

ID	Name	Parent department	Description	Supervisor	Manage all categories	Max top level	Manage all pages	Operate
6	IT		the IT department			100		Child department
5	sub		sub	Yes		100		Child department

#### 4.4.5 Edit department



PublicCMS - Management system

localhost:8080/publiccms/admin/index.html#

User maintenance

User management

**Department management**

Role management

Application client management

User report

System maintenance

Log management

Working table

Department ...

Edit deptart...

Parent department:

Name: **IT**

Description: the IT department  
We will be more than happy to assist you

Supervisor:

Manage all categories:  Max top level:

Manage all pages:

Manage all configs:

**Category authorization**

>  All category

**Page authorization**

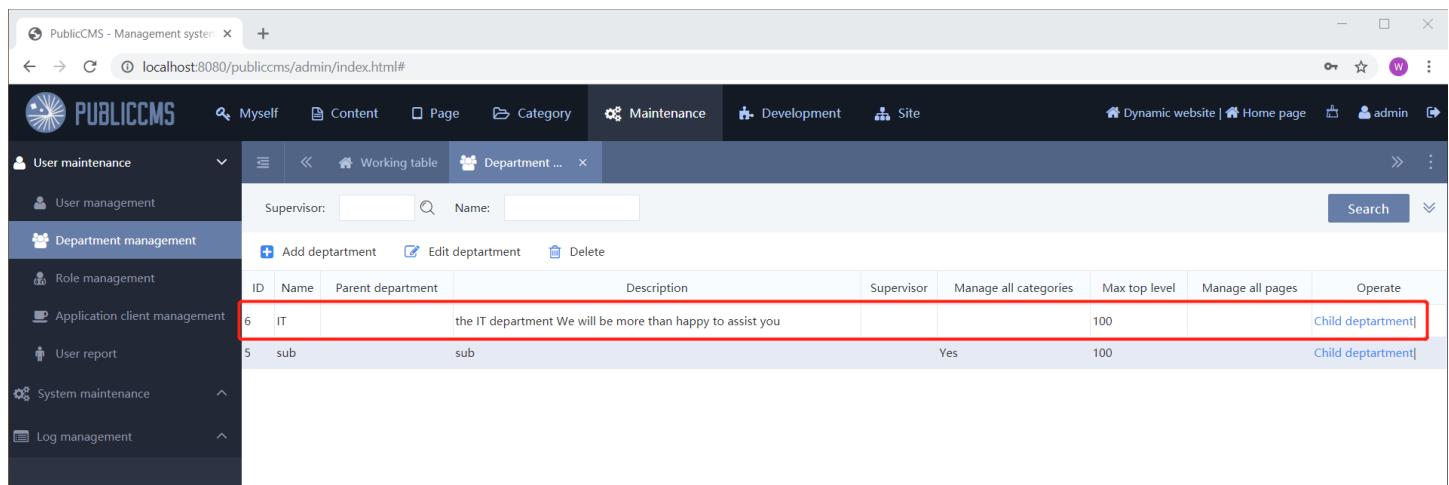
>  All page

>  Page fragment

**Config authorization**

>  All configuration

Save Close



PublicCMS - Management system

localhost:8080/publiccms/admin/index.html#

User maintenance

User management

**Department management**

Role management

Application client management

User report

System maintenance

Log management

Working table

Department ...

Add department Edit department Delete

ID	Name	Parent department	Description	Supervisor	Manage all categories	Max top level	Manage all pages	Operate
6	IT		the IT department We will be more than happy to assist you			100		Child department
5	sub		sub	Yes		100		Child department

#### 4.4.6 Delete department

The screenshot shows the PublicCMS Management system interface. On the left, a sidebar lists various management modules: User maintenance, User management, Department management (which is selected), Role management, Application client management, User report, System maintenance, and Log management. The main content area has tabs for Working table and Department ... (also selected). A confirmation dialog box is overlaid on the page, asking "Are you sure to delete this record?". The "Delete" button in the dialog is highlighted with a red box and a red arrow points to it from the bottom right. Below the dialog, a table lists departments. The first row, labeled "IT", has its "Delete" button also highlighted with a red box.

ID	Name	Parent department	Description	Supervisor	Manage all categories	Max top level	Manage all pages	Operate
6	IT		the IT department We will be more than happy to assist you			100		Child department
5	sub		sub		Yes	100		Child department

This screenshot shows the same interface after the department has been deleted. The table now only contains one row for "sub". The "Delete" button in the original screenshot's dialog is no longer present in this view.

ID	Name	Parent department	Description	Supervisor	Manage all categories	Max top level	Manage all pages	Operate
5	sub		sub	Yes	100			Child department

#### 4.4.7 Add role

The screenshot shows the PublicCMS Management system interface for adding a new role. The sidebar and tabs are identical to the previous screenshots. A new tab titled "+ Add role" is open. A form is displayed with a "Name:" field containing "Manager", which is highlighted with a red box and a red arrow points to it from the bottom right. Below the name field are sections for "Owns all modules" (checkbox) and "Permissions" (checkboxes for Module, Show all modules, and All modules). At the bottom right of the form are "Save" and "Close" buttons.

ID	Name	Owning modules permissions	Show all modules
3	Manager	Owning all modules permissions	Show all modules
1	superuser	Yes	

#### 4.4.8 Edit role

Name:

Owns all modules permissions:

Show all modules:

>  All modules

Save Close

ID	Name	Owning modules permissions	Show all modules
3	IT Manager	Yes	Show all modules
1	superuser	Yes	

#### 4.4.9 Delete role

The screenshot shows the PublicCMS Management system interface. On the left, there's a sidebar with various maintenance and development tabs like User maintenance, Department management, and Log management. The main area is titled 'Role management'. A confirmation dialog box is overlaid on the page, asking 'Are you sure to delete this record?'. Below the dialog, there's a table with columns for ID, Name, and Owns all modules permissions. The 'superuser' entry has 'Yes' in the permissions column. A red arrow points to the 'Delete' button in the toolbar above the table.

This screenshot shows the same PublicCMS Management system interface as the previous one, but the 'superuser' role has been deleted. The table now only contains the 'IT Manager' entry. A red arrow points to the 'superuser' row in the table.

#### 4.4.10 Add dictionary

This screenshot shows the PublicCMS Management system interface with the 'Dictionary management' tab selected. A new dictionary entry is being added, with the 'ID' field set to 1 and the 'Name' field set to 'age'. A red box highlights the input fields for ID and Name. An arrow points to the 'Save' button in the top right corner of the form. Below the form, there's a table with columns for Value, Text, and Operate.

The screenshot shows the PublicCMS Management system interface. The left sidebar contains navigation links for User maintenance, System maintenance (Site configuration, Task management, Dictionary management), Application Authorization, and Log management. The main area is titled 'Dictionary m...' and shows a table with columns: ID, Name, Data dictionary type, and Operate. One row is selected, showing ID 1, Name 'age', Data dictionary type 'Single Selection', and an 'Delete' link under Operate. The 'Dictionary management' link in the sidebar is also highlighted.

#### 4.4.11 Edit dictionary

This screenshot shows the 'Edit' dialog for a dictionary entry. It has fields for ID (1), Name ('current age'), and a 'Multiple Selection' checkbox (unchecked). Below the form are buttons for 'Add rows' and '1'. At the bottom right are 'Save' and 'Close' buttons. A red box highlights the 'Name' field and the 'Multiple Selection' checkbox. An arrow points to the 'Save' button.

The screenshot shows the 'Dictionary m...' page again. The table now lists a single entry: ID 1, Name 'current age', Data dictionary type 'Single Selection'. The 'current age' row is highlighted with a red box. The 'Dictionary management' link in the sidebar is also highlighted.

#### 4.4.12Delete dictionary

The screenshot shows the PublicCMS Management system interface. On the left, the sidebar includes 'User maintenance', 'System maintenance' (selected), 'Task management', 'Dictionary management' (selected), and 'Log management'. The main area has tabs for 'Working table' and 'Dictionary m...'. Under 'Dictionary m...', there are buttons for 'Add', 'Edit', and 'Batch delete'. A table lists a single record with ID 1 and Name 'current age'. A red box highlights the 'Delete' button in the 'Operate' column. A confirmation dialog box is overlaid, asking 'Are you sure to delete this record?' with 'OK' and 'Cancel' buttons. A red arrow points to the 'OK' button.

This screenshot shows the same interface after the deletion. The table now displays an empty row for the deleted record, and the 'Operate' column no longer contains a 'Delete' button.

#### 4.4.13Delete upload log

The screenshot shows the 'Log management' section of the PublicCMS Management system. The 'Upload log' tab is selected. A table lists two log entries. A red arrow points to the 'Batch delete' button in the 'Operate' column of the first row. A confirmation dialog box is overlaid, asking 'Are you sure to delete these record?' with 'OK' and 'Cancel' buttons. A red arrow points to the 'OK' button.

User ID: 1 | Nick name: admin | Channel: web\_manager | File type: Image | Original name: 1280px-Facebook\_f\_logo\_(2019).svg.png | File size: 42KB | IP: 0:0:0:0:0:1 | Operate date: 2020-03-24 12:14:35 | File path: upload/2020/03-24/12-14-340973-1381983851.png

#### 4.4.14 Delete operate log

Are you sure to delete these record?

**OK**   **Cancel**

User ID	Nick name	Channel	Operate/Code	Operate IP	Operate date	Log content
1	admin	web_manager	Delete the upload log / delete.logUpload	0:0:0:0:0:1	2020-06-17 19:37:00	2
1	admin	web_manager	Delete the data dictionary / delete.cmsDictionary	0:0:0:0:0:1	2020-06-17 19:31:26	1
1	admin	web_manager	Modify the data dictionary / update.cmsDictionary	0:0:0:0:0:1	2020-06-17 19:30:06	{ "id": "1", "siteld": 1, "name": "current age", "multiple": false }
1	admin	web_manager	Create the data dictionary / save.cmsDictionary	0:0:0:0:0:1	2020-06-17 19:28:32	{ "id": "1", "siteld": 1, "name": "age", "multiple": false }

Are you sure to delete these record?

**OK**   **Cancel**

User ID	Nick name	Channel	Operate/Code	Operate IP	Operate date	Log content
1	admin	web_manager	Delete the operation log / delete.logOperate	0:0:0:0:0:1	2020-06-17 19:38:41	122
1	admin	web_manager	Delete the data dictionary / delete.cmsDictionary	0:0:0:0:0:1	2020-06-17 19:31:26	1
1	admin	web_manager	Modify the data dictionary / update.cmsDictionary	0:0:0:0:0:1	2020-06-17 19:30:06	{ "id": "1", "siteld": 1, "name": "current age", "multiple": false }
1	admin	web_manager	Create the data dictionary / save.cmsDictionary	0:0:0:0:0:1	2020-06-17 19:28:32	{ "id": "1", "siteld": 1, "name": "age", "multiple": false }

#### 4.4.15 Delete login log

The screenshot shows the PublicCMS Management system interface. On the left, the sidebar has 'Log management' expanded, with 'Login log' selected. In the main content area, a table lists several login logs for the user 'admin'. One row is selected and highlighted with a red box. A confirmation dialog box titled 'Confirmation' is overlaid, asking 'Are you sure to delete these record?'. It contains two buttons: 'OK' (highlighted with a red arrow) and 'Cancel'. The table header includes columns for User name, User ID, Channel, Login IP, Result, and Login date.

User name	User ID	Channel	Login IP	Result	Login date
admin	1	web_manager	0:0:0:0:0:1	Success	2020-06-17 18:51:41
admin	1	web_manager	0:0:0:0:0:1	Success	2020-06-17 18:14:48
admin	1	web_manager	0:0:0:0:0:1	Success	2020-06-17 17:24:31
admin	1	web_manager	0:0:0:0:0:1	Fail	2020-06-17 17:24:26
admin	1	web_manager	0:0:0:0:0:1	Fail	2020-06-17 17:24:21

This screenshot shows the same interface after the deletion. The row from the previous screenshot is now missing, and the table data has been updated. The 'OK' button in the confirmation dialog has been clicked, and the row is no longer present in the list.

User name	User ID	Channel	Login IP	Result	Login date
admin	1	web_manager	0:0:0:0:0:1	Success	2020-06-17 18:14:48
admin	1	web_manager	0:0:0:0:0:1	Success	2020-06-17 17:24:31
admin	1	web_manager	0:0:0:0:0:1	Fail	2020-06-17 17:24:26
admin	1	web_manager	0:0:0:0:0:1	Fail	2020-06-17 17:24:21
admin	1	web_manager	0:0:0:0:0:1	Success	2020-06-17 01:10:29

## 4.5 Category

### 4.5.1 Add category type

The screenshot shows the 'Category' management page. The 'Category type' tab is selected. A form is displayed for adding a new category type. The 'Name' field is filled with 'SUV' and the 'Sort' field is set to '0'. A red box highlights these two fields. At the bottom right of the form, there is a 'Save' button with a red arrow pointing to it. Below the form, a note says 'Category extension field(The following fields are invalid:title,keywords,description)(Default value only affects new data)'.

Code	Field type	Name	Required	Default value	Max length	Data dictionary	Description	Sort	Operate
		SUV							

Category management		Working table	Category type	Maintenance	Development	Site	Dynamic website	Home page	admin
<a href="#">Category extension</a>		<a href="#">Add category type</a>	<a href="#">Edit category type</a>	<a href="#">Delete</a>					
<a href="#">Category type</a>		ID	Name			Sort			
<a href="#">Tag type</a>	2	SUV			0				

## 4.5.2 Edit category type

PublicCMS - Management system

localhost:8080/publiccms/admin/#

Category management		Working table	Category type	Edit category...	Save	Close
<a href="#">Category extension</a>						
<a href="#">Category type</a>		Name: Sports Car				
<a href="#">Tag type</a>		Sort: 0				
<small>Category extension field(The following fields are invalid:title,keywords,description)(Default value only affects new data)</small>						
<input type="button" value="Add rows"/> 1						
Code	Field type	Name	Required	Default value	Max length	Data dictionary
Description	Sort	Operate				

Category management		Working table	Category type	Maintenance	Development	Site	Dynamic website	Home page	admin
<a href="#">Category extension</a>		<a href="#">Add category type</a>	<a href="#">Edit category type</a>	<a href="#">Delete</a>					
<a href="#">Category type</a>		ID	Name			Sort			
<a href="#">Tag type</a>	2	Sports Car			0				

## 4.5.3 Delete category type

PublicCMS - Management system

localhost:8080/publiccms/admin/#

Category management		Working table	Category type	Maintenance	Development	Site	Dynamic website	Home page	admin
<a href="#">Category extension</a>		<a href="#">Add category type</a>	<a href="#">Edit category type</a>	<a href="#">Delete</a>					
<a href="#">Category type</a>		ID	Name			Sort			
<a href="#">Tag type</a>	2	Sports Car			0				

Confirmation

Are you sure to delete this record?

The screenshot shows the PublicCMS Management system interface. The top navigation bar includes links for Dynamic website, Home page, admin, and other system functions. The left sidebar has sections for Category management, Category extension, Category type, and Tag type. The main content area is titled 'Working table' and 'Category type'. It features a toolbar with 'Add category type', 'Edit category type', and 'Delete' buttons. A table lists items with columns for ID, Name, and Sort.

#### 4.5.4 Add tag type

This screenshot shows the 'Add tag type' dialog box. It has a 'Name' input field containing 'power', which is highlighted with a red box. At the bottom right are 'Save' and 'Close' buttons, with a red arrow pointing to the 'Save' button.

This screenshot shows the 'Tag type' working table. It displays a single row with ID 1 and Name 'power'. The entire row is highlighted with a red box. There is also a red box around the 'power' entry in the Name column.

#### 4.5.5 Edit tag type

This screenshot shows the 'Edit tag type' dialog box. It has a 'Name' input field containing 'kilometres', which is highlighted with a red box. At the bottom right are 'Save' and 'Close' buttons, with a red arrow pointing to the 'Save' button.

The screenshot shows the PublicCMS Management system interface. The top navigation bar includes links for 'Myself', 'Content', 'Page', 'Category', 'Maintenance', 'Development', and 'Site'. The 'Category' tab is active. On the left, a sidebar menu has 'Tag type' selected. The main content area displays a table with columns 'ID', 'Name', and 'Tag count'. A single row is visible, showing ID 1 and Name 'kilometres'. The 'Tag count' column shows 0.

#### 4.5.6 Delete tag type

This screenshot shows a confirmation dialog box over the previous list page. The dialog asks 'Are you sure to delete this record?' with 'OK' and 'Cancel' buttons. A red arrow points to the 'OK' button. The background table remains the same, showing the 'kilometres' entry.

This screenshot shows the list page again, but the 'kilometres' entry from the previous screens has been deleted. The table now only contains one row with ID 1 and Name 'kilometres'.

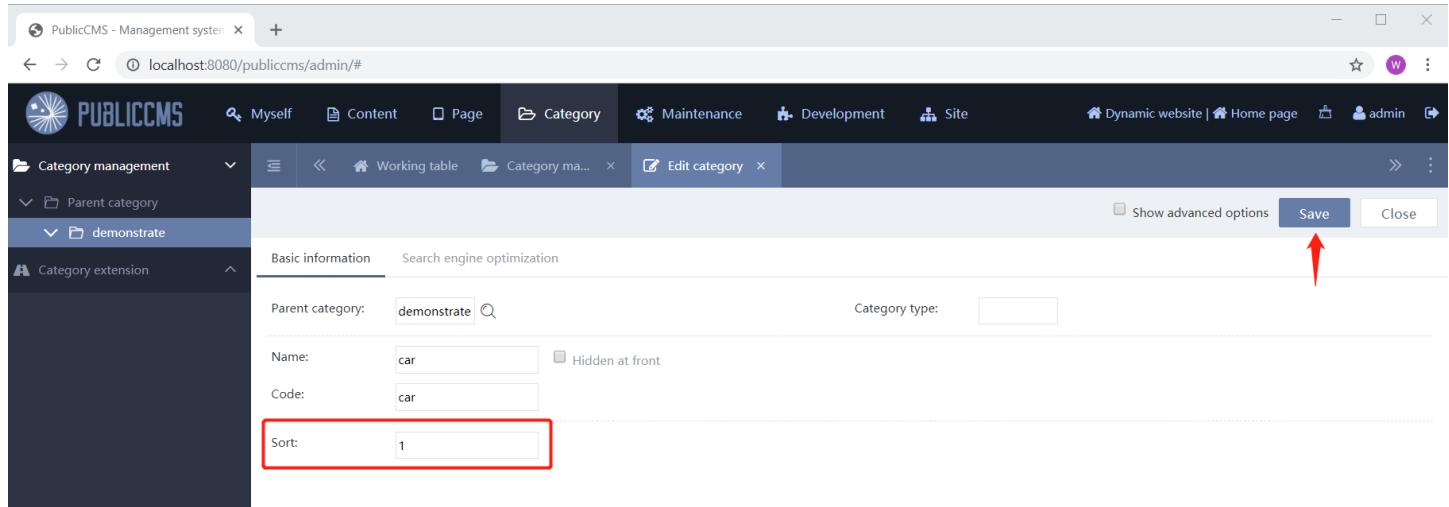
#### 4.5.7 Add category

The screenshot shows the 'Add category' form in the PublicCMS Management system. The form includes fields for Parent category (set to 'demonstrate'), Name ('car'), Code ('car'), Tag type (''), Category static template ('/category/list.html'), Category access path ('\${category.code}/index.html'), Content page size ('20'), and Sort ('0'). There are also checkboxes for Outer chain, Allow contribute, and Hidden at front. The 'Save' button is highlighted with a red arrow.

The screenshot shows the 'Contribute' list in the PublicCMS Management system. The table lists various categories with their details. A red box highlights the row for the category 'car' (ID 123), which was just added. The table columns include ID, Name, Code, Category type, Parent category, Content page size, Contribute, Front display, Sort, and Operate (with options like Add a child, Copy, Change category type, Push, Publish).

ID	Name	Code	Category type	Parent category	Content page size	Contribute	Front display	Sort	Operate
7	social	social		demonstrate	10[Contains subcategory content]	Forbid contribute	Show	0	Add a child Copy Change category type Push Publish
8	picture	picture		demonstrate	10[Contains subcategory content]	Forbid contribute	Show	0	Add a child Copy Change category type Push Publish
9	introduction	introduction		demonstrate	10[Contains subcategory content]	Forbid contribute	Show	0	Add a child Copy Change category type Push Publish
12	article	article		demonstrate	20[Contains subcategory content]	Forbid contribute	Show	0	Add a child Copy Change category type Push Publish
15	novel	novel		demonstrate	20[Contains subcategory content]	Forbid contribute	Show	0	Add a child Copy Change category type Push Publish
17	science	science		demonstrate	20[Contains subcategory content]	Forbid contribute	Show	0	Add a child Copy Change category type Push Publish
122	health	health		demonstrate	20	Forbid contribute	Show	0	Add a child Copy Change category type Push Publish
123	car	car		demonstrate	20	Forbid contribute	Show	0	Add a child Copy Change category type Push Publish

#### 4.5.8 Edit category



The screenshot shows the 'Edit category' dialog in the PublicCMS Management system. The 'Basic information' tab is selected. The 'Sort' field, which contains the value '1', is highlighted with a red box. A red arrow points from the bottom right towards the 'Save' button.

Basic information    Search engine optimization

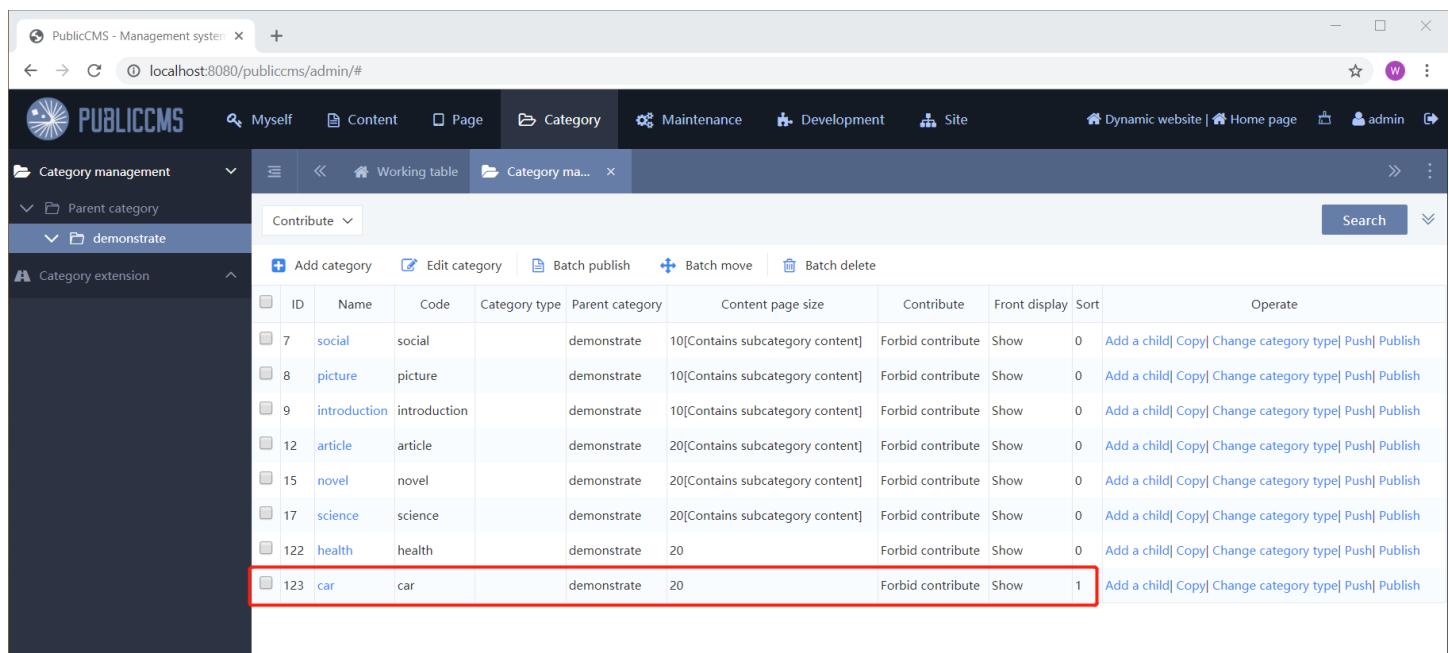
Parent category: demonstrate    Category type:

Name: car     Hidden at front

Code: car

Sort: 1

Show advanced options    Save    Close



The screenshot shows the 'Category management' working table in the PublicCMS Management system. The table lists various categories with their details. The row for category 'car' (ID: 123) is highlighted with a red box. A red arrow points from the bottom right towards the 'Search' button.

ID	Name	Code	Category type	Parent category	Content page size	Contribute	Front display	Sort	Operate
7	social	social		demonstrate	10[Contains subcategory content]	Forbid contribute	Show	0	Add a child Copy Change category type Push Publish
8	picture	picture		demonstrate	10[Contains subcategory content]	Forbid contribute	Show	0	Add a child Copy Change category type Push Publish
9	introduction	introduction		demonstrate	10[Contains subcategory content]	Forbid contribute	Show	0	Add a child Copy Change category type Push Publish
12	article	article		demonstrate	20[Contains subcategory content]	Forbid contribute	Show	0	Add a child Copy Change category type Push Publish
15	novel	novel		demonstrate	20[Contains subcategory content]	Forbid contribute	Show	0	Add a child Copy Change category type Push Publish
17	science	science		demonstrate	20[Contains subcategory content]	Forbid contribute	Show	0	Add a child Copy Change category type Push Publish
122	health	health		demonstrate	20	Forbid contribute	Show	0	Add a child Copy Change category type Push Publish
123	car	car		demonstrate	20	Forbid contribute	Show	1	Add a child Copy Change category type Push Publish

#### 4.5.9 Delete category

The screenshot shows the PublicCMS Management system interface. A confirmation dialog box is centered over the page, asking "Are you sure to delete these record?". It has two buttons: "OK" and "Cancel". Two red arrows point from the bottom right of the dialog to the "Batch delete" button in the toolbar above the table, and from the bottom right of the table to the selected row.

ID	Name	Code	Category type	Parent category	Content page size	Contribute	Front display	Sort	Operate
7	social	social		demonstrate	10[Contains subcategory content]	Forbid contribute	Show	0	Add a child Copy Change category type Push Publish
8	picture	picture		demonstrate	10[Contains subcategory content]	Forbid contribute	Show	0	Add a child Copy Change category type Push Publish
9	introduction	introduction		demonstrate	10[Contains subcategory content]	Forbid contribute	Show	0	Add a child Copy Change category type Push Publish
12	article	article		demonstrate	20[Contains subcategory content]	Forbid contribute	Show	0	Add a child Copy Change category type Push Publish
15	novel	novel		demonstrate	20[Contains subcategory content]	Forbid contribute	Show	0	Add a child Copy Change category type Push Publish
17	science	science		demonstrate	20[Contains subcategory content]	Forbid contribute	Show	0	Add a child Copy Change category type Push Publish
122	health	health		demonstrate	20	Forbid contribute	Show	0	Add a child Copy Change category type Push Publish
123	car	car		demonstrate	20	Forbid contribute	Show	1	Add a child Copy Change category type Push Publish

The screenshot displays the PublicCMS Management system's Category management interface. The left sidebar includes a logo, navigation tabs for Myself, Content, Page, Category, Maintenance, Development, Site, and links for Dynamic website, Home page, and admin. The main content area shows a table of categories with the following data:

ID	Name	Code	Category type	Parent category	Content page size	Contribute	Front display	Sort	Operate
7	social	social		demonstrate	10[Contains subcategory content]	Forbid contribute	Show	0	<a href="#">Add a child</a> <a href="#">Copy</a> <a href="#">Change category type</a> <a href="#">Push</a> <a href="#">Publish</a>
8	picture	picture		demonstrate	10[Contains subcategory content]	Forbid contribute	Show	0	<a href="#">Add a child</a> <a href="#">Copy</a> <a href="#">Change category type</a> <a href="#">Push</a> <a href="#">Publish</a>
9	introduction	introduction		demonstrate	10[Contains subcategory content]	Forbid contribute	Show	0	<a href="#">Add a child</a> <a href="#">Copy</a> <a href="#">Change category type</a> <a href="#">Push</a> <a href="#">Publish</a>
12	article	article		demonstrate	20[Contains subcategory content]	Forbid contribute	Show	0	<a href="#">Add a child</a> <a href="#">Copy</a> <a href="#">Change category type</a> <a href="#">Push</a> <a href="#">Publish</a>
15	novel	novel		demonstrate	20[Contains subcategory content]	Forbid contribute	Show	0	<a href="#">Add a child</a> <a href="#">Copy</a> <a href="#">Change category type</a> <a href="#">Push</a> <a href="#">Publish</a>
17	science	science		demonstrate	20[Contains subcategory content]	Forbid contribute	Show	0	<a href="#">Add a child</a> <a href="#">Copy</a> <a href="#">Change category type</a> <a href="#">Push</a> <a href="#">Publish</a>
122	health	health		demonstrate	20	Forbid contribute	Show	0	<a href="#">Add a child</a> <a href="#">Copy</a> <a href="#">Change category type</a> <a href="#">Push</a> <a href="#">Publish</a>

# 4.6 Site and Development

## 4.6.1 Create new web site (edit)

The screenshot shows the 'Edit site' configuration page. The 'Name' field is set to 'Happy University' and has a checked checkbox labeled 'Enable static'. The 'Dynamic path' field contains the URL '://dev.publiccms.com:8080/publiccms/'. Below it, a note states: 'The default address is [Protocol header]/domain name[:port]/[context/], which can also be configured as the path of the dynamic site after the reverse proxy'. The 'Site path' field contains '://dev.publiccms.com:8080/publiccms/webfile/' and has an unchecked checkbox labeled 'Enable SSI'. Below it, another note states: 'The default address is [Protocol header]/domain name[:port]/[context/]webfile/. It can also be configured as a static file path published in other ways. SSI-enabled containers should be used to publish static pages after enabling SSI, reverse proxy dynamic pages'. At the top right of the configuration area, there are buttons for 'Default static configuration', 'Default dynamic configuration', 'Save', and 'Close'. A red arrow points to the 'Save' button.

## 4.6.2 Create home page

The screenshot shows the 'Create file' page for website files. The 'Path' field is set to '/home.html'. The main area displays the HTML code for a homepage template. The code includes basic HTML structure, meta tags for keywords and description, and script tags for jQuery and Swiper. A red arrow points to the 'Save' button at the top right of the page.

```
<!DOCTYPE html>
<html>
<head>
<title>Happy University</title>
<meta name="keywords" content="">
<meta name="description" content="">
<meta charset="utf-8">
<meta name="viewport" content="width=device-width,user-scalable=no,initial-scale=1.0">
<link href="://dev.publiccms.com:8080/publiccms/webfile/assets/css/style.css?1" rel="stylesheet"/>
<link href="://dev.publiccms.com:8080/publiccms/webfile/assets/swiper/swiper.min.css" rel="stylesheet"/>
<!--[if lt IE 9]>
<script src="://dev.publiccms.com:8080/publiccms/webfile/assets/js/html5shiv.min.js"></script>
<script src="://dev.publiccms.com:8080/publiccms/webfile/assets/js/respond.min.js"></script>
<![endif]-->
</head>
<body>
<header>
<div class="top-bar">
<div class="container">
<ul class="left user-login">
<li><a href="://dev.publiccms.com:8080/publiccms/login.html">Login</a></li>
<li><a href="://dev.publiccms.com:8080/publiccms/register.html">Register</a></li>
</ul>

```

#### 4.6.3 Create content page

The screenshot shows the PublicCMS administration interface. On the left, a sidebar lists various management sections: File maintenance, Template management, Page fragment template, Task template management, Website file management, and Configuration management. The main area is titled "Website file" and shows a code editor with the path "/news/news\_1.html" highlighted in a red box. The code itself is a standard HTML document with meta tags, a title, and some CSS and JS links. At the top right of the editor, there are "Delete" and "Save" buttons, with a red arrow pointing to the "Save" button.

#### 4.6.4 Scan web site

The screenshot shows the Happy University website. At the top, there is a header with "Happy University" logo, "Login" and "Register" buttons, and a search bar. Below the header, a navigation menu includes "Home", "About", "Schools", "Research", "International", and "Campus Life". The main content area features a "News & Events" section with three items: "Hello, Summer" (with a photo of a lotus plant), "Online courses cross the border" (with a photo of a green plant), and "Outstanding Alumnus Award Ceremony" (with a photo of a modern building). To the right of the news items is a "Tag" section with buttons for "Student", "Sport", "Research", and "Alumni". Below the news section is a "Quick Links" section with links to "Admission", "Library", and "Careers". At the bottom, a footer contains "About" (with "Happy University" link), "Contact" (with email "master@happy.com" and phone "Tel: 123456789"), and a "More" section with a "Search" input field.

Happy University    x    Hello, Summer    x    +

Not secure | dev.publiccms.com:8080/publiccms/webfile/news/news\_1.html

Login Register

key search

# Happy University

Home | About | Schools | Research | International | Campus Life

## News & Events

Hello, Summer

Spring has gone, and summer is coming.



Do you miss Happy University?



Well, she misses you already.

## Tag

Student Sport Research Alumni

## Quick Links

Admission  
Library  
Careers

## About

Happy University

## Contact

Email: master@happy.com

Tel: 123456789

## More

Search