

## **COEN 161 Final Project Deliverable**

### **Team Name:**

Loading

### **Team Member:**

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### **Page Structure and Details**

#### Home

- Logo and Company name
- Navigation Bar: link to other pages of the site
- Sign up and Login
- Brief introduction of the company and each subpage.
- A map of all camp locations
- Contact Information/ Web master's information

#### Schedule and Registration

- An introduction of the camp policy
- Four locations to choose from: Yosemite National Park, Yellowstone National Park, Zion National Park, Golden Gate Park.
- Brief descriptions of each camp, including time, duration, and activities.
- Each camp can lead to the registration page
- Registration payment

#### Catalog

- Provides a list of items each camp sells with pictures and price.
- People who have registered can have a discount on all the items.
- Payment page

#### Forum

- Provide a review forum to let users able to share reviews or making suggestions
- Provide a memory forum to let users able to upload pictures

#### Virtualization

- A chart of visitor statistics of four different camps in recent years
- In the chart, each color represents a camp
- Users can see detailed statistics by putting mouse on the chart
- Each camp has a separate chart of visitor statistics
- Each camp has a brief introduction

#### Activities

- A game logo displayed in the activity page

- Four games in this page: Sudoku, 2048, Pacman, Clumsy Bird
- Each game has a related picture, background information, and instructions about how to play
- Each game has a link connected to the playing page
- Each game playing page has a link at the right top to go back to the activity page
- Sudoku playing page: “give me another” button gives another new game, and “give up” button shows the answer
- 2048 playing page: “score” shows user’s current score, “best” shows user’s best score, the score couldn’t be saved, “new game” button restart the game
- Pacman: press N to start, this game has sound
- Clumsy Bird: Press space or click right mouse to start, press M to mute the sound
- The Robotics & Outdoor page introduces some outdoor activities for kids and parents to play together, and includes some introduction of robotics for kids to exercise, each robotic product goes with a link about the product in Amazon

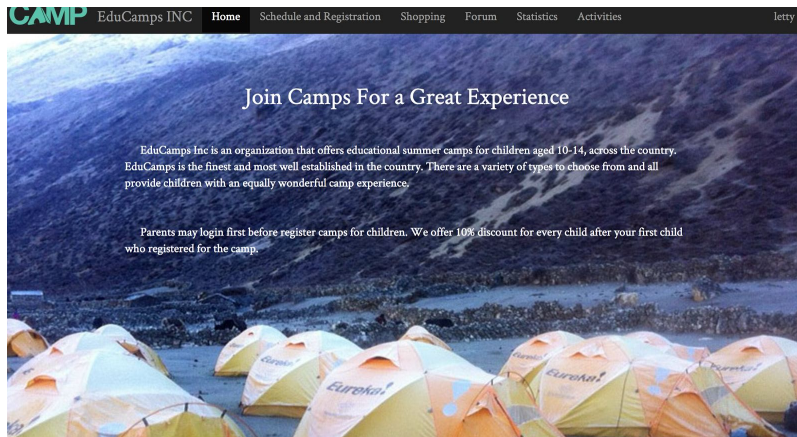
**Assistive Tools:**

We use Dreamweaver CC, Sublime Text and Codeanywhere as IDEs for coding the website. We use Bootstrap as some of CSS and JavaScript framework for layout.

## Website Introduction:

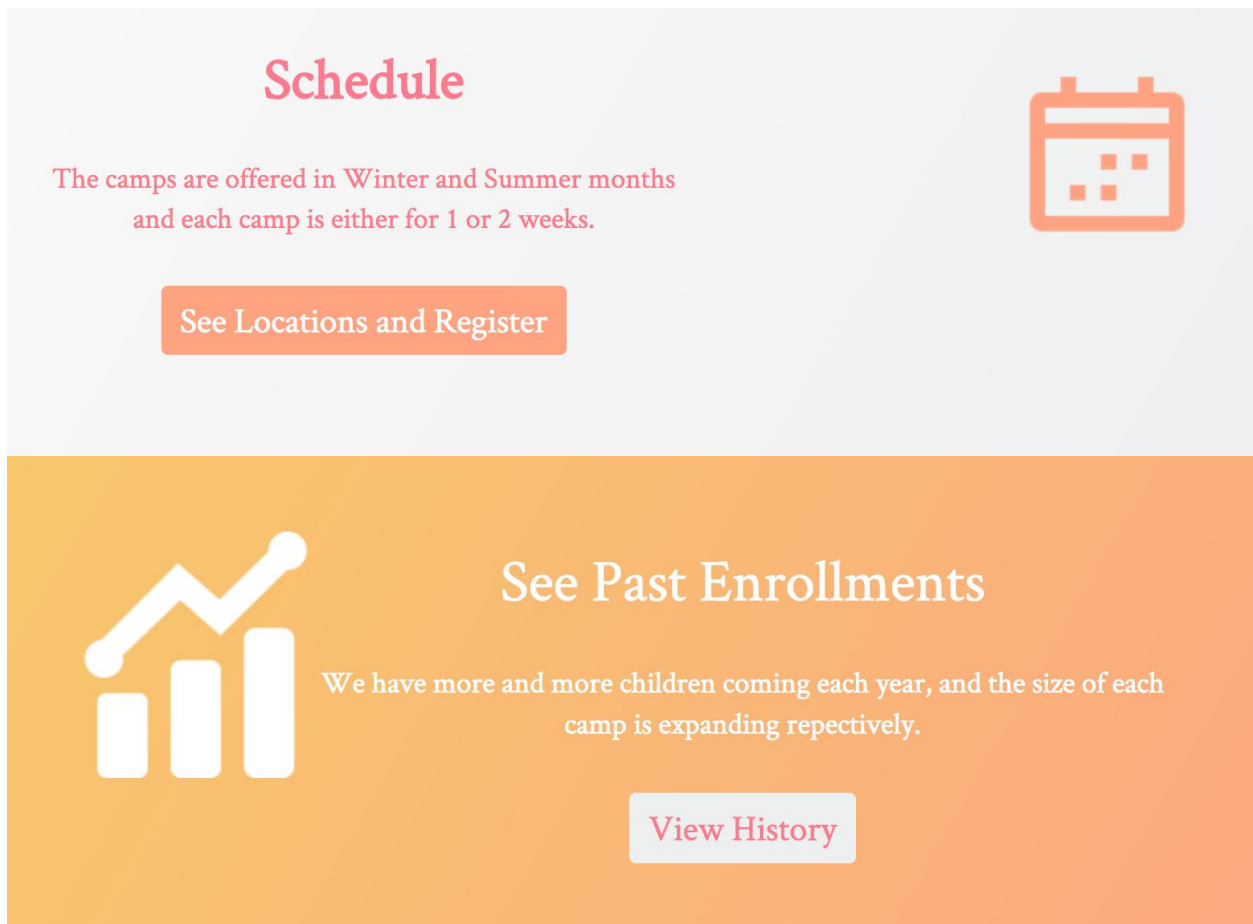
EduCamps Inc is an organization that offers educational summer camps for children aged 10-14. Our camp includes camps in Yellowstone National Park, Yosemite National Park, Zion National Park and Golden Gate Park. Yellowstone and Zion camps are offered in summer months, and others are offered in winter months. Each camp is either 1 or 2 week.

## Home Page



Our Home page gives user an brief introduction about what our website is about. By scrolling down, users can see all the sections of the website with a short introduction and go to the section they want. Each section is also listed at the top of the page.

Here are the sections listed in home page:



## Leave Your Best Moments

Submit reviews and suggestions here!

Join the Chat



## Buy Sovenir!

We also sell camp-related items like books, back-packs, T-shirts

Shopping

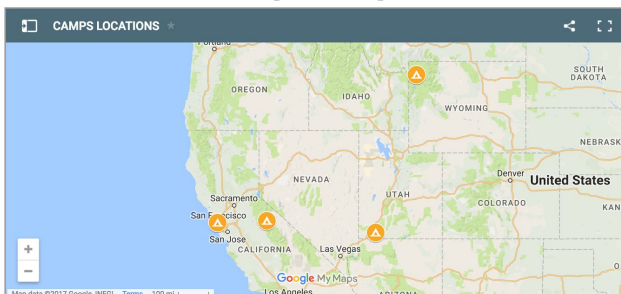
## Everlasting Fun

We offer many interesting activities such as computer-based activities, Robotics and outdoor activities.

Explore



See the Map of all Camps Below



At the end of the home page, users can see the location of four different camps in google map.

### Contact Us

EdoCamps, Inc.  
1546 El Camino Real, Santa Clara,  
CA, 95051-4075, US  
P: (408) 888-8888

## Schedule and Registration

We offer four camps in different locations with different starting and ending date. Each camp has different activities that kids can participate. A family with more than one child can get 10% discount for every child after the first child.

### Location



#### Yosemite National Park

##### Activities:

Computer-based:  
Curveball  
Pacman  
  
Robotics:  
Make a Smart Umbrella  
Program a Friend

Outdoor:  
Skiing Class  
Sightseeing  
Find out wild animals

Winter  
Start Date: 12/04  
End Date: 12/18  
Fee: \$830/week

Register

This page displays all the information of four camps, including activities played, start/end date and fee. Users can directly go to registration page by clicking “Register” tab.

If the user has not been logged in, the page will jump to member login page by clicking “Pay Now”. Otherwise, the order will be successfully placed if all the required information were right. Here is the member login page:

For new users, they need to go to sign up page. Older users can directly login.

**CAMP** EduCamps INC Home **Schedule and Registration** Shopping Forum Statistics Activities [letty](#)

### Registration

Child's Name:	Parent's Name:
<input type="text"/>	<input type="text"/>
Date Of Birth(MM/DD/YY): <input type="text"/> / <input type="text"/> / <input type="text"/>	
Phone:	Email:
<input type="text"/>	<input type="text"/>
Grade Level:	School:
<input type="text"/>	<input type="text"/>
Camp Location <input type="text"/>	
Duration <input type="text"/>	
Special instructions <input type="text"/>	
<input type="button" value="Pay Now"/> <input type="button" value="Reset"/>	

Here is the  
signup page  
for new users:

### Member Login

Username:	<input type="text"/>
Password:	<input type="password"/>
<input type="button" value="Login"/>	
Doesn't have an account?	
<input type="button" value="Sign up here!"/>	

### Sign up

Username:	<input type="text"/>
Password:	<input type="password"/>
Email:	<input type="text"/>
<input type="button" value="Sign up"/>	

When the user successfully signed up or logged in, they will be informed.

New record created successfully

[Go back to Login Page](#)

After user has been informed, they can go back to home by clicking the tab, or the page will jump to the home automatically after 10 seconds.

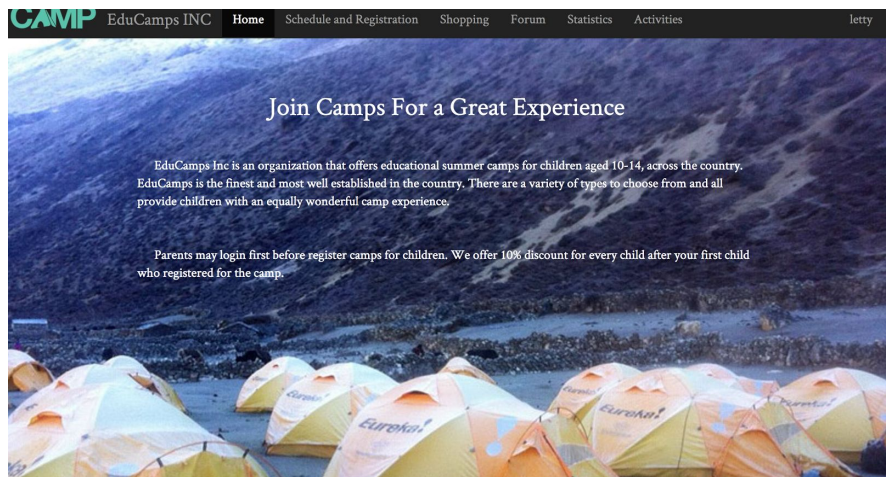
Hello! Peter

[Go to home page](#)

After jumping the home page, user can his/her their name at the right top of the page.

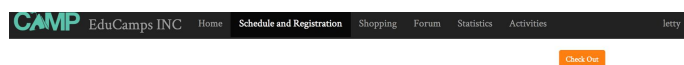
The registration will be successful if the user logged in.

If the user has registration history, all the history will be displayed by clicking the name at the right top of the page:



If the user hasn't had history record, the page will show "No registration Record".

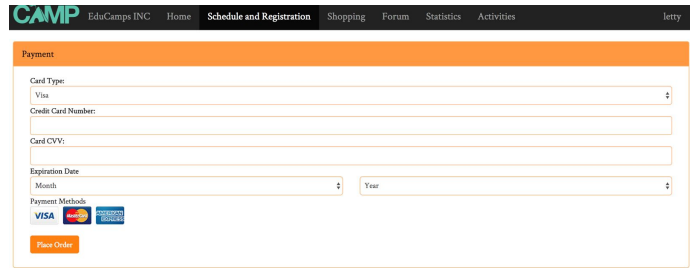
If the order has been placed, it will first go to confirmation page:



#### Confirm your information

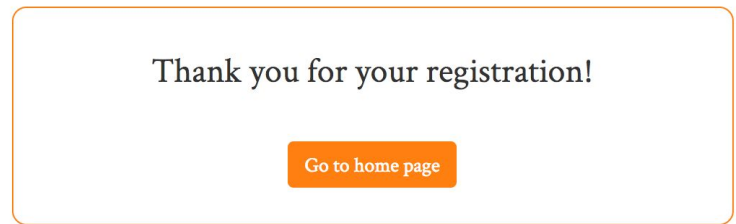
Child Name: cindy  
Parent Name: letty  
Email: 2323@gmail.com  
Phone: 2341232323  
Grade Level: 2  
School: wefwe  
Camp Location: Zion National Park  
Duration(weeks): 1  
Special Instructions: no  
Total Fee: 830 U.S Dollars

Clicking “check out” will jump to payment page:



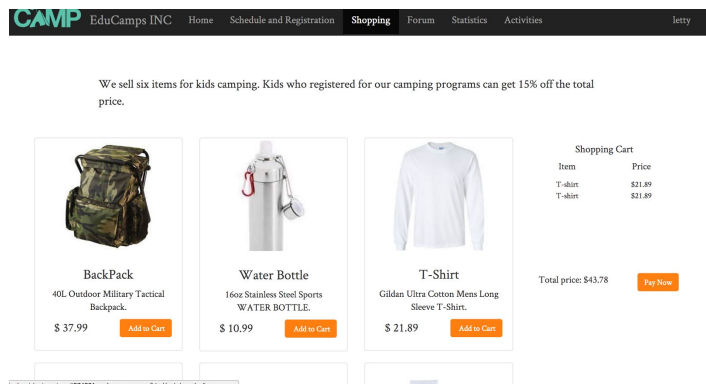
The screenshot shows the 'Payment' page of the CAMP website. The page has a dark header with the CAMP logo and navigation links: Home, Schedule and Registration, Shopping, Forum, Statistics, Activities, and Jetty. The main content area is orange and contains a payment form with fields for Card Type (dropdown), Credit Card Number, Card CVV, and Expiration Date (Month and Year dropdowns). Below these fields are logos for VISA, MasterCard, and American Express, and a 'Place Order' button.

If the registration has been successfully placed:



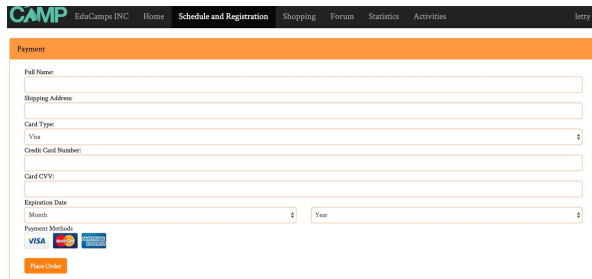
## Catalog/Shopping

This page provides some commercial products for users to get prepared before their trip. If the user registered our camp, he/she can have a 15% discount.

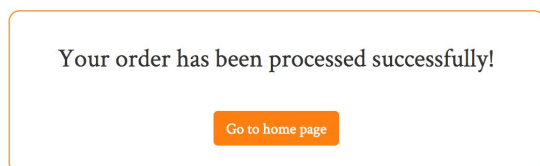


When the user finished the shopping, he/she can checkout by clicking “Pay Now” tab.

When the order is placed, it will jump to another page.



The screenshot shows the 'Payment' page of the CAMP website. The page has a dark header with the CAMP logo and navigation links: Home, Schedule and Registration, Shopping, Forum, Statistics, Activities, and Jetty. The main content area is orange and contains a payment form with fields for Full Name, Shipping Address, Card Type (dropdown), Credit Card Number, Card CVV, and Expiration Date (Month and Year dropdowns). Below these fields are logos for VISA, MasterCard, and American Express, and a 'Place Order' button.





## Forum

The forum review page gives users a chance to share their experience and comments. Users do need to login to post comments. The year, season and camp location are required to post a comment. And all these information will be displayed in the forum.

Leave Your Memory Here!

Year:  Season:  Camp Location:

My story:

Post

CAMP EduCamps INC Home Schedule and Registration Shopping **Forum** Statistics Activities letty

Reviews Memories

2015 winter Zion National Park

Hello~!

2010 winter Yosemite National Park

The camp is really good! I've sent all three of my kids to the program and they all gave me positive experience. They really like the computer-based games they made and the classes there were interesting beyond words. I would definitely send them to the camp again next year, and maybe to some other

2011 Summer Zion National Park

I have an idea I think is good for kids in the camp. Stuck during a rain storm? Used this many times in the popup during rain or the night when the kids just did not want to go to sleep. One person starts a story and, after a while, points to someone else, who continues. Player 1: "Once upon a




The forum memory page give users a chance to share their images. They can upload png, jpg or jpeg file. The picture they uploaded will be displayed in the memory page.

Leave Your Memory Here!

Select image to upload:  
Choose File No file chosen  
Upload Image

CAMP EduCamps INC Home Schedule and Registration Shopping **Forum** Statistics Activities letty

Reviews Memories

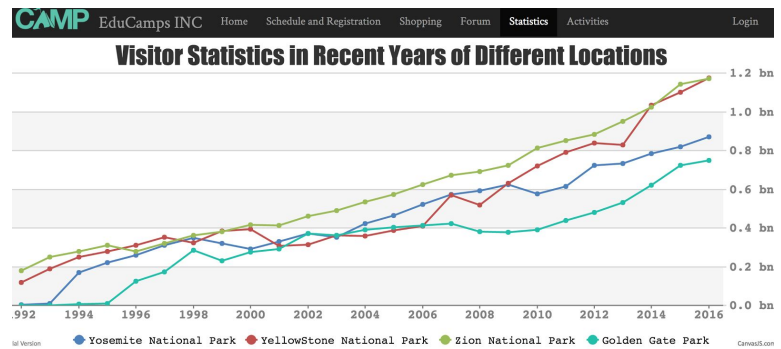




## Visualization/ Statics

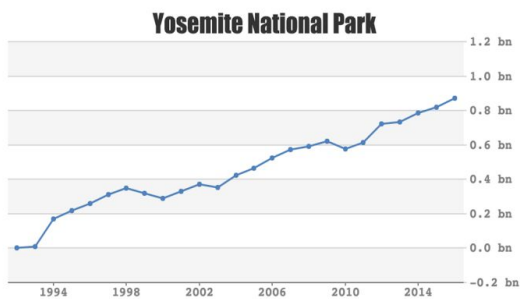
The visualization page includes an chart summarizes the amount of visitors in recent years in four camps. Users can see the number of visitor of each camp in each year by putting the mouse in the chart.

By scrolling down, users can see a chart for each camp individually with some basic information about that camp.



## Location and Statics

## Location and Statics



## Yosemite National Park

**Facts & Information:**

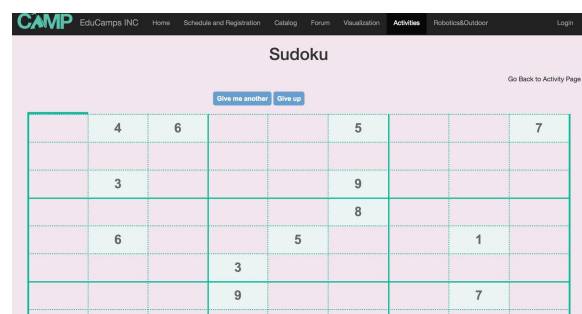
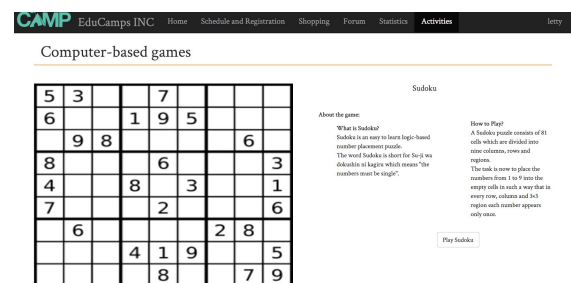
Yosemite National Park is a national park spanning portions of Tuolumne, Mariposa and Madera counties in Northern California. The park, which is managed by the National Park Service, covers an area of 747,956 acres (1,168.681 sq mi; 302,687 ha; 3,026.87 km<sup>2</sup>) and reaches across the western slopes of the Sierra Nevada mountain range.

Yosemite is one of the largest and least fragmented habitat blocks in the Sierra Nevada, and the park supports a diversity of plants and animals. The park has an elevation range from 2,127 to 13,114 feet (648 to 3,997 m) and contains five major vegetation zones: chaparral/oak woodland, lower montane forest, upper montane forest, subalpine zone, and alpine.

## Activities

The activity page includes computer games, outdoor activities and robotics. By scrolling down, users can play Sudoku, 2048, Pacman and Clumsy Bird. Each game has a brief background or introduction, and some instructions about how to play. By clicking “play” tab, users will go to another page to play the game.

When users are playing the game, they can go back to the activity page by clicking “Go Back to Activity Page” tab, and then choose another game they want. Some games have background music.



The page also displays example of some outdoor activities with pictures and instructions.

## Outdoor Activities

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### Red Light, Green Light

#### About the game:

##### How to play?

You will need one person at the finish line and the rest of the participants will line up a distance away facing the finish line.

The person at the finish line is in charge of saying "red light" or "green light."

When you hear "green light," everyone moves as fast as they can toward the finish line.

When you hear "red light," everyone must stop immediately.

Anyone that doesn't stop when they hear "red light" must go back to the start.

The first person to reach the finish line wins!

Red Light, Green Light is perhaps one of the easiest games to play.

It promotes listening and following directions while allowing lots of active play!

And the Robotics part gives suggestion of some robotic products for kids to exercise. Each product has an link lead to the Amazon page. Thus parents could easily find the right product to buy.

## Robotics

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### Cozmo



#### About the game:

This little guy is like something out of the movies!

Cozmo is the newest generation of playful robot and the things he can do are beyond amazing.

Powered by cutting edge artificial intelligence (AI), Cozmo has real emotions and uses advanced facial recognition to react to your actions.

A game playing machine, Cozmo offers kids a gamified experience where the more you play with him, the more games and upgrades are unlocked.

Cozmo is compatible with iOS and Android and requires the free Cozmo app to be downloaded.

Ages: 8+  
Applications: AI, Games,  
Robotic friend

[Full specifications](#)

## Database information in PHPMyAdmin

The screenshot shows the PHPMyAdmin interface with the 'activity' table selected in the 'members' database. The left sidebar shows the database structure, including 'information\_schema', 'members', 'activity', 'camp', 'forum', 'members', 'members\_info', 'mysql', and 'performance\_schema'. The 'activity' table is expanded, showing columns: 'actID', 'actName', and 'catlog'. The main panel displays the table structure and a list of activities.

actID	actName	catlog
A1	Curveball	Computer-based
A2	Pacman	Computer-based
A3	Pong	Computer-based
A4	Pac-Xon	Computer-based
A5	Breakout	Computer-based
A6	space-invader	Computer-based
A7	galaga	Computer-based
A8	mini pool	Computer-based
B1	Make a Smart Umbrella	Robotics
B2	Program a Friend	Robotics
B3	Sketching Gadget Anatomy	Robotics
B4	Hovercraft	Robotics
B5	Mechanical Grabber	Robotics
B6	Robot Movement	Robotics
B7	Hazardous Duty Robots	Robotics
B8	Building a Virtual Robot	Robotics
C1	Skiing Class	outdoor
C2	Sightseeing	outdoor
C3	Explore wild animals	outdoor
C4	Bicycle trip	outdoor
C5	Swimming	outdoor
C6	Explore the nature	outdoor
C7	Hiking	outdoor
C8	River Rafting	outdoor
C9	Visit Art Museum	outdoor
C10	Cultural Show in Japanese Tea Garden	outdoor

The screenshot shows the PHPMyAdmin interface with the 'camp' table selected in the 'members' database. The left sidebar shows the database structure, including 'information\_schema', 'members', 'activity', 'camp', 'forum', 'members', 'members\_info', 'mysql', and 'performance\_schema'. The 'camp' table is expanded, showing columns: 'campname', 'start\_date', 'end\_date', 'fee', 'activity', 'season', 'address', 'capacity', 'active', and 'comments'. The main panel displays the table structure and a list of camps.

Showing rows 0 - 3 (4 total, Query took 0.0001 sec)

```
SELECT *
FROM `camp`
LIMIT 0, 30
```

Profiling [ Inline ] [ Edit ] [ Explain SQL ] [ Create PHP Code ] [ Refresh ]

Show : Start row: 0 Number of rows: 30 Headers every 100 rows

Sort by key: None

	campname	start_date	end_date	fee	activity	season	address	capacity	active	comments
<input type="checkbox"/>	Golden Gate Park Camp	11/30	12/13	\$830/week	Mini Pool, Galaga, Hazardous Duty Robots, Building ...	winter	San Francisco, CA 94122	300	Y	winter and summer
<input type="checkbox"/>	YellowStone National Park Camp	08/07	08/21	\$830/week	Pong, Pac-Xon, Sketching Gadget Anatomy, Hovercraf...	summer	Wyoming 82190	400	Y	
<input type="checkbox"/>	Yosemite National Park Camp	12/04	12/18	\$830/week	Curveball, Pacman, Make a Smart Umbrella, Program...	winter	California	350	Y	
<input type="checkbox"/>	Zion National Park Camp	07/17	07/31	\$830/week	Breakout, Space Invaders, Mechanical Grabber, Robo...	summer	Utah 84737	500	N	

Check All With selected: Change Delete Export

Show : Start row: 0 Number of rows: 30 Headers every 100 rows

phpMyAdmin

Server: localhost » Database: members » Table: forum

Browse Structure SQL Search Insert Export Import Operations Triggers

⚠ This table does not contain a unique column. Grid edit, checkbox, Edit, Copy and Delete features are not available.

Showing rows 0 - 3 (4 total, Query took 0.0003 sec)

```
SELECT *
FROM `forum`
LIMIT 0, 30
```

Profiling [ Inline ] [ Edit ] [ Explain SQL ] [ Create PHP Code ] [ Refresh ]

Show : Start row: 0 Number of rows: 30 Headers every 100 rows

+ Options

year	season	camp	comment
2015	winter	Zion National Park	Hello-I!
2010	winter	Yosemite National Park	The camp is really good! I've sent all three of my...
2011	Summer	Zion National Park	I have an idea I think is good for kids in the cam...

Show : Start row: 0 Number of rows: 30 Headers every 100 rows

Query results operations

Print view Print view (with full texts) Export Display chart Create view

phpMyAdmin

Server: localhost » Database: members » Table: members

Browse Structure SQL Search Insert Export Import Operations Triggers

Showing rows 0 - 5 (6 total, Query took 0.0001 sec)

```
SELECT *
FROM `members`
LIMIT 0, 30
```

Profiling [ Inline ] [ Edit ] [ Explain SQL ] [ Create PHP Code ] [ Refresh ]

Show : Start row: 0 Number of rows: 30 Headers every 100 rows

Sort by key: None

+ Options

	username	password	email
<input type="checkbox"/> Edit Copy Delete	565823294	Louise1997!	565823294@qq.com
<input type="checkbox"/> Edit Copy Delete	john	1234	
<input type="checkbox"/> Edit Copy Delete	justin	123456	scai@scu.edu
<input type="checkbox"/> Edit Copy Delete	letty	123123	aljdqw
<input type="checkbox"/> Edit Copy Delete	louise	1234	122151455@qq.com
<input type="checkbox"/> Edit Copy Delete	Peter	111	111@gmail.com

Check All With selected: Change Delete Export

Show : Start row: 0 Number of rows: 30 Headers every 100 rows

Query results operations

Print view Print view (with full texts) Export Display chart Create view

phpMyAdmin

Server: localhost » Database: members » Table: members\_info

Showing rows 0 - 4 (5 total, Query took 0.0002 sec)

```
SELECT *
FROM `members_info`
LIMIT 0, 30
```

Profiling [ Inline ] [ Edit ] [ Explain SQL ] [ Create PHP Code ] [ Refresh ]

Show : Start row: 0 Number of rows: 30 Headers every 100 rows

Sort by key: None

+ Options

		username	campname	duration	email	special_instructions	childname	parentname	phone	grade	school
<input type="checkbox"/>	Edit Copy Delete	john	Yellowstone National Park	2	scai@scu.edu	nn	child	parent	4081111111	3	efweh
<input type="checkbox"/>	Edit Copy Delete	letty	Zion National Park	1	2323@gmail.com	no	cindy	letty	2341232323	2	wefwe
<input type="checkbox"/>	Edit Copy Delete	louise	Yellowstone National Park	2	scai@scu.edu	none	JC	Louise	4081111111	3	wefwe
<input type="checkbox"/>	Edit Copy Delete	john	Zion National Park	1	rii2015@mercyhs.org	zzzzzzz	Louise	Justin	4155278353	2	d3dwi
<input type="checkbox"/>	Edit Copy Delete	john	Zion National Park	1	rii2015@mercyhs.org	zzzzzz	Lozzzz	Justin	4155338789	4	fefsdf

Check All With selected: Change Delete Export