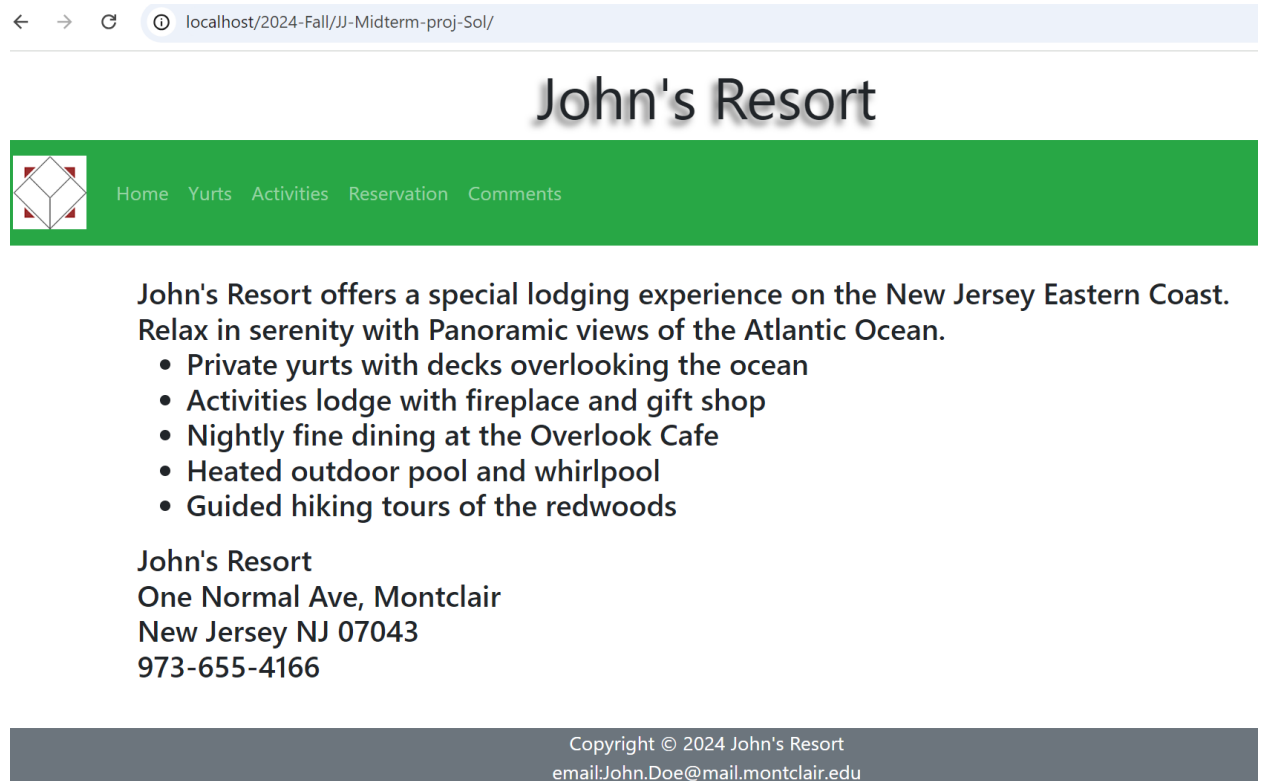


Read the instructions carefully!

We grade the website using Chrome browser.

Create a simple web application with responsive design. The *index.php* page looks like the following.



This is your home page. You should replace **John** with **your team (company) name**. For example, if your team's name is *Wonderful* then replace all occurrences of **John's Resort** with **'Wonderful Resort'**.

There are five menu items: **Home**, **Yurts**, **Activities**, **Reservation** and **Comments**. Home page is *index.php* page.

If the device width is less than **sm** breakpoint, your home page would look like the following. The menu items collapsed and a Hamburg icon appeared.

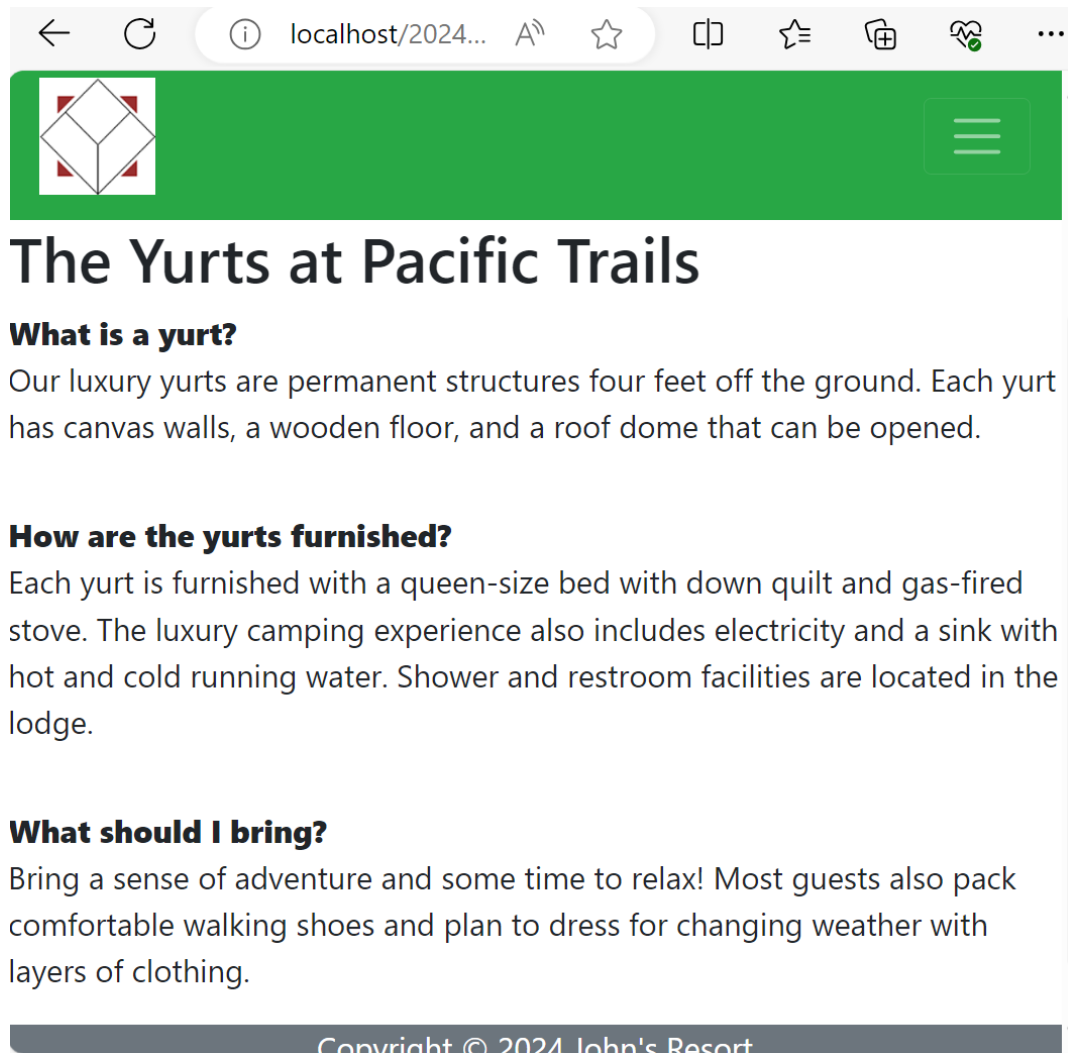


The hamburger menu icon can be toggled to display the menu items vertically stacked on the **center** of the page as the following



When the **hamburger icon** is clicked again, the menu items will disappear.

If user clicks on **Yurts** then the yurts page will appear as the following.



Once again if the device screen size is equal or greater than sm (here is 576 px), it looks like the following.

---

# John's Resort

[Home](#) [Yurts](#) [Activities](#) [Reservation](#) [Comments](#)

## The Yurts at Pacific Trails

**What is a yurt?**

Our luxury yurts are permanent structures four feet off the ground. Each yurt has canvas walls, a wooden floor, and a roof dome that can be opened.

**How are the yurts furnished?**

Each yurt is furnished with a queen-size bed with down quilt and gas-fired stove. The luxury camping experience also includes electricity and a sink with hot and cold running water. Shower and restroom facilities are located in the lodge.

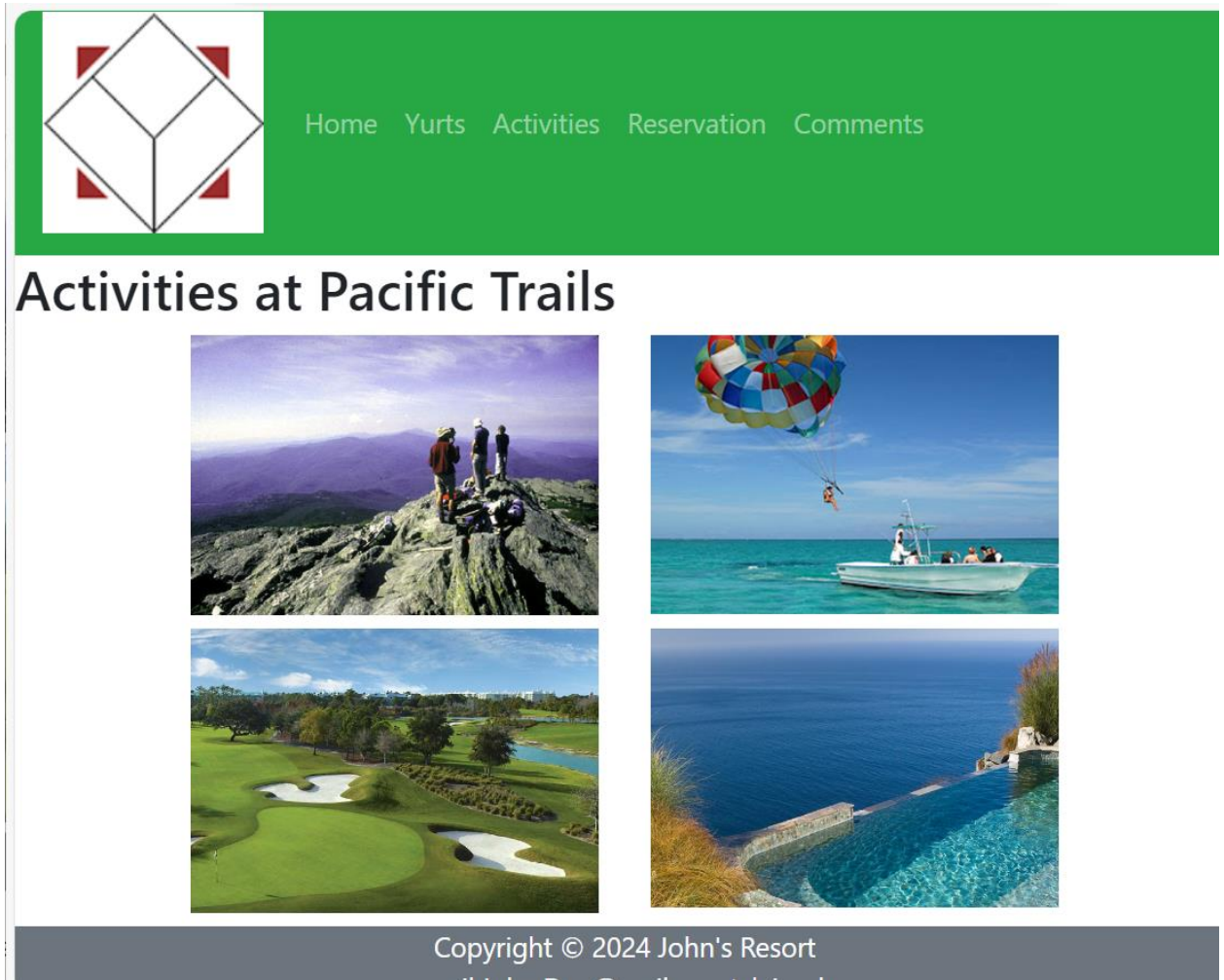
**What should I bring?**

Bring a sense of adventure and some time to relax! Most guests also pack comfortable walking shoes and plan to dress for changing weather with layers of clothing.

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email:John.Doe@mail.montclair.edu

If user clicks on **Activities**, the web page will show as below for sm, md, lg, xl devices.

For xs small device images will stack up. See some screenshots at the back of this handout.



When a user clicks on the image, it will display that image by itself alone on the screen.

The following is an example when user clicks on Pool.



Because you can choose your own favorite images, please make sure you submit **all** images you used when you turn in your project.

If user clicks on **Reservation**, a reservation page will appear as a web form.

The Reservation form for this resort asks the user to enter the following information.

- First name
- Last name
- Address (includes number&street, city, state, zip)
- Duration of stay (i.e., check in and checkout dates)
- Room type (use a drop down or a data list. King, Queen, Suit)
- Phone number (in the format of US phone (123) 456-7890)
- Email address (must legal format like someone@abc.com)
- How many people of this reservation
- Payment method (use a dropdown list. MC, VISA, AMEX, Discover)
- Card number (4 digits a group, total of four groups, 16 digits total. Only accept if input 16 digits)
- Special requests field is **optional** field and not a required field.

John's Resort

Home Yurts Activities Reservation Comments

### Reservation at John's Resort

First Name:

Last Name:

Number & Street:

City:

State:

Zip Code:

Check-in Date:

Check-out Date:

Number of People:

Room Type:

Phone:

E-mail Address:

Payment Method:

Card Number:

Special Requests:

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email: John.Doe@mail.montclair.edu

First name field will be **autofocused** when this page is loaded. All fields are required except Special Requests field. To simplify this application, assume there are three room types: **King**, **Queen**, and **Suite**. King costs \$200, Queen \$150 and Suite \$300. The tax rate is 7%.

If the user will stay three nights and chose Queen room, then the total charge would be \$481.50 which is equal to  $(\$150 * 3) * 1.07 = \$481.50$ .

Similarly for Suite room type, the total charge of three nights stay will be  $(\$300.0 * 3) * 1.07 = \$963.00$



Assuming we entered the data as the following. Note our **check-in date and check-out date** are **the same**. We allow this and treated as one day stay.

John's Resort

[Home](#) [Yurts](#) [Activities](#) [Reservation](#) [Comments](#)

Reservation at John's Resort

First Name

John

Last Name

Smith

Number & Street

1 normal Ave

city:

montclair

State:

NJ

Zip Code:

07043

Check-in Date:

03/17/2024

Check-out Date:

03/17/2024

Number of People:

2

Room Type:

Queen

Phone:

(123) 456-7890

E-mail Address:

js@gmail.com

Payment Method:

VISA

Card Number:

1234 5678 9012 3456

Special Requests:

Shore view room with balcony please.


Reserve a room

Clear

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email:John.Doe@mail.montclair.edu

Your website will respond as the following

John's Resort

[Home](#) [Yurts](#) [Activities](#) [Reservation](#) [Comments](#)

Thank you John Smith for your reservation

The followings are the information that youu entered:


Number & Street	1 normal Ave
City	montclair
State	NJ
Zip Code	07043
Check in Date	2024-03-17
Check Out Date	2024-03-17
Room Type	Queen
Number of People	2
Number of Days	1
Email	js@gmail.com
Phone Number	(123) 456-7890
Credit Card	VISA
Card Number	1234 5678 9012 3456
Special Request	Shore view room with balcony please.
Total Charge	\$160.5

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email:John.Doe@mail.montclair.edu

Total charge is  $150 * 1 * 1.07 = 160.5$ .

Here is another test run,

John's Resort

[Home](#) [Yurts](#) [Activities](#) [Reservation](#) [Comments](#)

### Reservation at John's Resort

First Name	John
Last Name	Smith
Number & Street:	1 normal Ave
city:	montclair
State:	NJ
Zip Code:	07043
Check-in Date:	03/17/2024
Check-out Date:	03/21/2024
Number of People:	2
Room Type:	King
Phone:	(123) 456-7890
E-mail Address:	js@gmail.com
Payment Method:	VISA
Card Number:	1234 5678 9012 3456
Special Requests:	Shore view room with balcony please.


Reserve a room

Clear

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email:John.Doe@mail.montclair.edu

The response from your system

# John's Resort

[Home](#) [Yurts](#) [Activities](#) [Reservation](#) [Comments](#)

## Thank you John Smith for your reservation

The followings are the information that you entered:

Number & Street	1 normal Ave
City	montclair
State	NJ
Zip Code	07043
Check In Date	2024-03-17
Check Out Date	2024-03-21
Room Type	King
Number of People	2
Number of Days	4
Email	js@gmail.com
Phone Number	(123) 456-7890
Credit Card	VISA
Card Number	1234 5678 9012 3456
Special Request	Shore view room with balcony please.
Total Charge	\$856


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email:John.Doe@mail.montclair.edu

Total charge is  $(200 * 4 * 1.07) = 856$  for 4 nights with 7% tax rate.

For this project, we don't store the reservation information into database. So, you don't have to use database.

If user clicks on Comments, the page shows as below.

# John's Resort

[Home](#) [Yurts](#) [Activities](#) [Reservation](#) [Comments](#)

## We treasure your comments

Name

Phone:

E-mail Address:

name@domain.com

Your Comments

Submit Comments

Copyright © 2024 John's Resort  
email:John.Doe@mail.montclair.edu

If user did not enter anything and press submit, your system will respond as

# John's Resort

[Home](#) [Yurts](#) [Activities](#) [Reservation](#) [Comments](#)

## Dear guest, please enter your comments.

Copyright © 2024 John's Resort  
email:John.Doe@mail.montclair.edu

If user entered comment but no other fields filled,

# John's Resort

[Home](#) [Yurts](#) [Activities](#) [Reservation](#) [Comments](#)

## We treasure your comments

Name

Phone:

E-mail Address:

name@domain.com

Your Comments

Your website is excellent, and I like it!

Submit Comments

Copyright © 2024 John's Resort

email:John.Doe@mail.montclair.edu

Your system responds as

# John's Resort

[Home](#) [Yurts](#) [Activities](#) [Reservation](#) [Comments](#)

## Dear guest, thank you for your comments.

Copyright © 2024 John's Resort

email:John.Doe@mail.montclair.edu

To simplify our application, we did not store comments to our database for this project.

If user entered name and email and comment,

# John's Resort



[Home](#) [Yurts](#) [Activities](#) [Reservation](#) [Comments](#)

## We treasure your comments

Name

John Smith

Phone:

E-mail Address:

js@gmail.com

Your Comments


I like your web site.

Submit Comments

Copyright © 2024 John's Resort  
email:John.Doe@mail.montclair.edu

The response looks like

# John's Resort

[Home](#) [Yurts](#) [Activities](#) [Reservation](#) [Comments](#)

## Dear John Smith, thank you for your comments.

Copyright © 2024 John's Resort  
email:John.Doe@mail.montclair.edu

So, the business logic that sets up *greeting title* is as the following

1. **Name (if Name is entered)** or
2. **Email** (if Name not available but Email is entered) or
3. **Guest** (If both Name and Email are not available)

The following shows when user enter only email

# John's Resort

[Home](#) [Yurts](#) [Activities](#) [Reservation](#) [Comments](#)

## We treasure your comments

Name

Phone:

E-mail Address:

Your Comments

gs@gmail.com

I like your web site.  
very nice!

Submit Comments

Copyright © 2024 John's Resort  
email:John.Doe@mail.montclair.edu



# John's Resort



[Home](#) [Yurts](#) [Activities](#) [Reservation](#) [Comments](#)

Dear gs@gmail.com, thank you for your comments.

Copyright © 2024 John's Resort  
email:John.Doe@mail.montclair.edu

How about if only phone number entered?

# John's Resort

[Home](#) [Yurts](#) [Activities](#) [Reservation](#) [Comments](#)

## We treasure your comments

Name

Phone:

E-mail Address:

Your Comments

Too expensive!

Submit Comments

Copyright © 2024 John's Resort  
email:John.Doe@mail.montclair.edu

# John's Resort

[Home](#) [Yurts](#) [Activities](#) [Reservation](#) [Comments](#)

## Dear guest, thank you for your comments.

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email:John.Doe@mail.montclair.edu

I.e., never use Dear phone-number to greet people!

## Team Project

This project should be done as a team. The **team leader** must submit all materials of the project to Canvas. One team one submission. I.e., only the leader will submit the project. Use Zoom or other video authoring software to create a demo video of your project which shows you fulfill the requirements of the specifications. You can start your **video** with a slide contains all members' full names. The second slide contains the contribution and percentage efforts of each member. The third slide list hardware, software used. The fourth slide list features implemented. The last slide contains undone feature(s). It will then follow by a **live demo** of your website. Make sure to demonstrate that your website design is responsive. I.e., Demo in your video about how your web pages respond to different devices by clicking on *Toggle-device* using *Inspect* tool of the browser.

## Requirements and grading criteria

Use XAMPP to run your application on localhost.

Use Bootstrap to achieve the responsive design.

Create these web pages using html elements, Bootstrap library, PHP statements.

Create the home page and call it **index.php (important!)**.

Clicking on the menu item will bring you to the corresponding page even if you port these pages to others' computer. I.e., your web pages are portable and NO absolute *href* refers to your computer say desktop, your C drive and no images absolutely refers to a full path in your file system. Don't forget to submit all images that you used in your project.

Create these web pages based on the instructions given (each error may cause you at least 2% of total grade)

## What to submit

1. All source code and image files
2. A PowerPoint slides which contains
  - a. Names of all team members
  - b. Contributions of each team member in percentage
  - c. Hardware and software used in this project.
  - d. Features implemented
  - e. Feature(s) did not implemented
  - f. YouTube link for your project live demonstration
3. Create a folder call it *YourTeamNameMidtermProj*
4. Put item 1 and 2 above into the folder from step 3
5. Zip *YourTeamNameMidtermProj* folder (important! 20% penalty if you don't zip).  
Note: If you don't have zip utility, you may try 7-zip (an open source)

## Where to submit this project

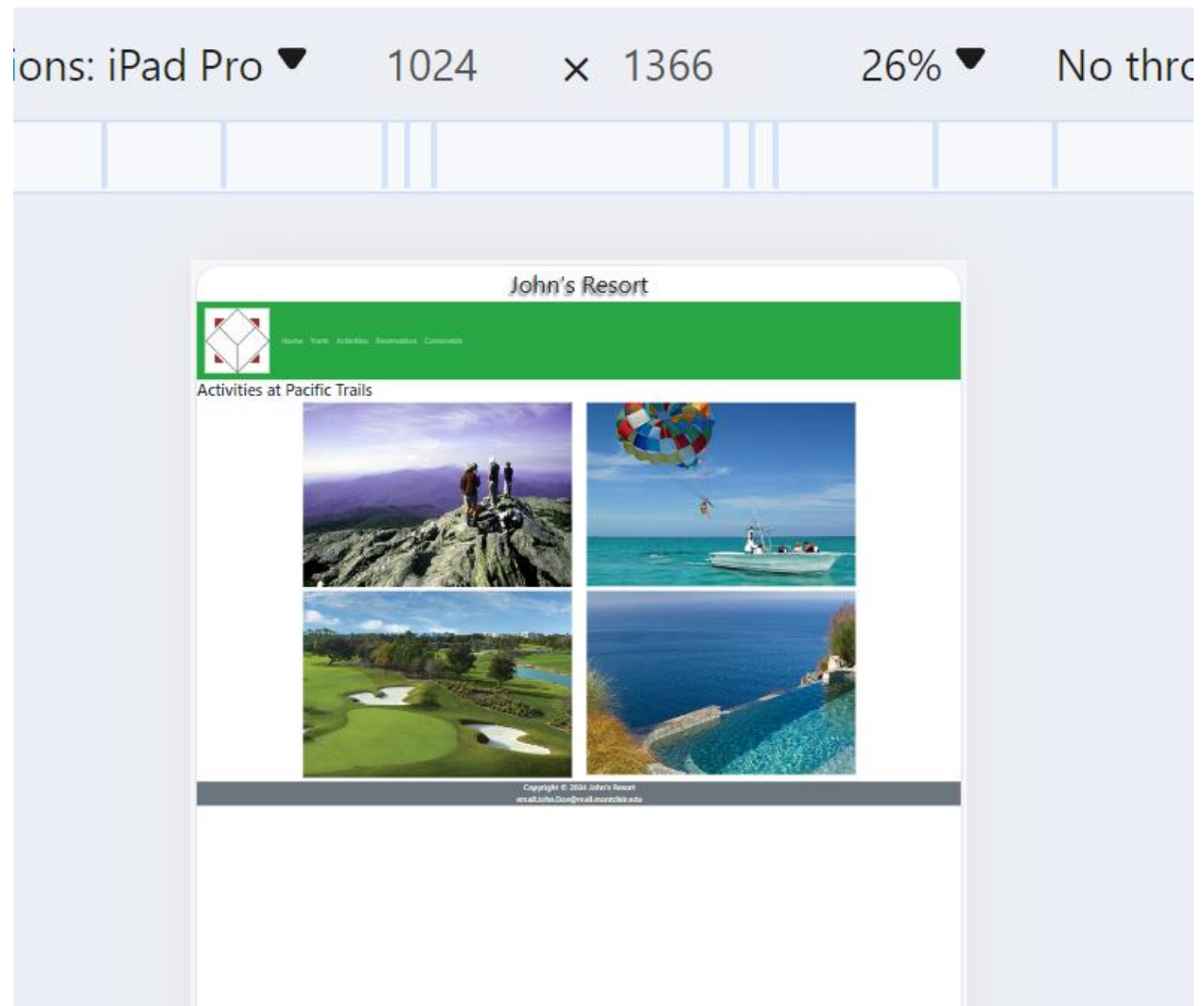
Submit the zipped file to Canvas

## Due date and time

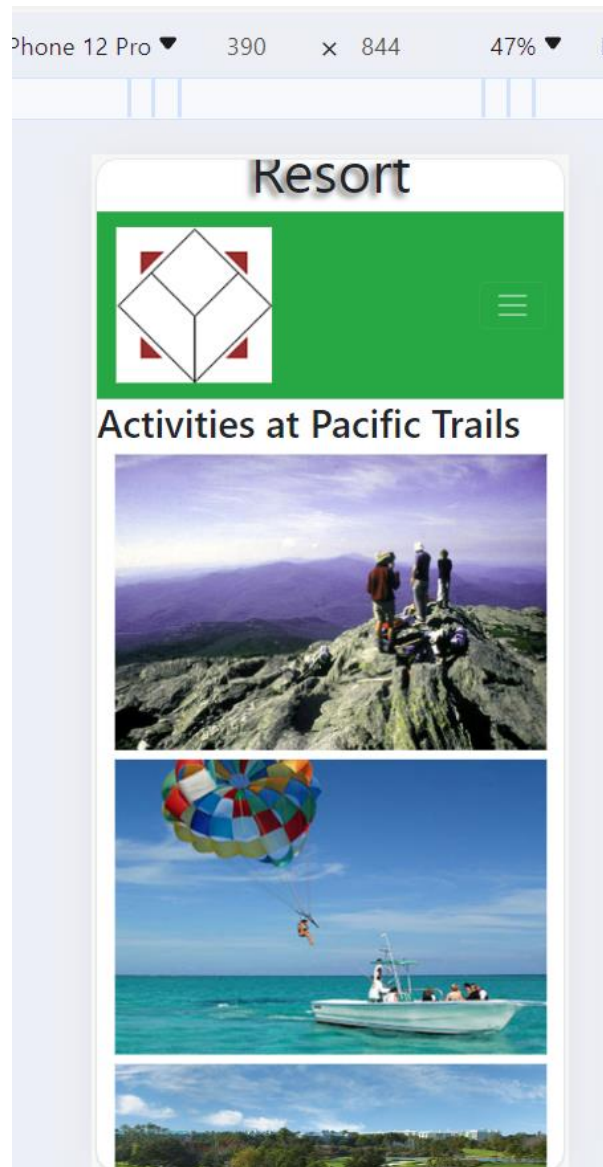
11/3/2024 before midnight

## Some responsive screenshots

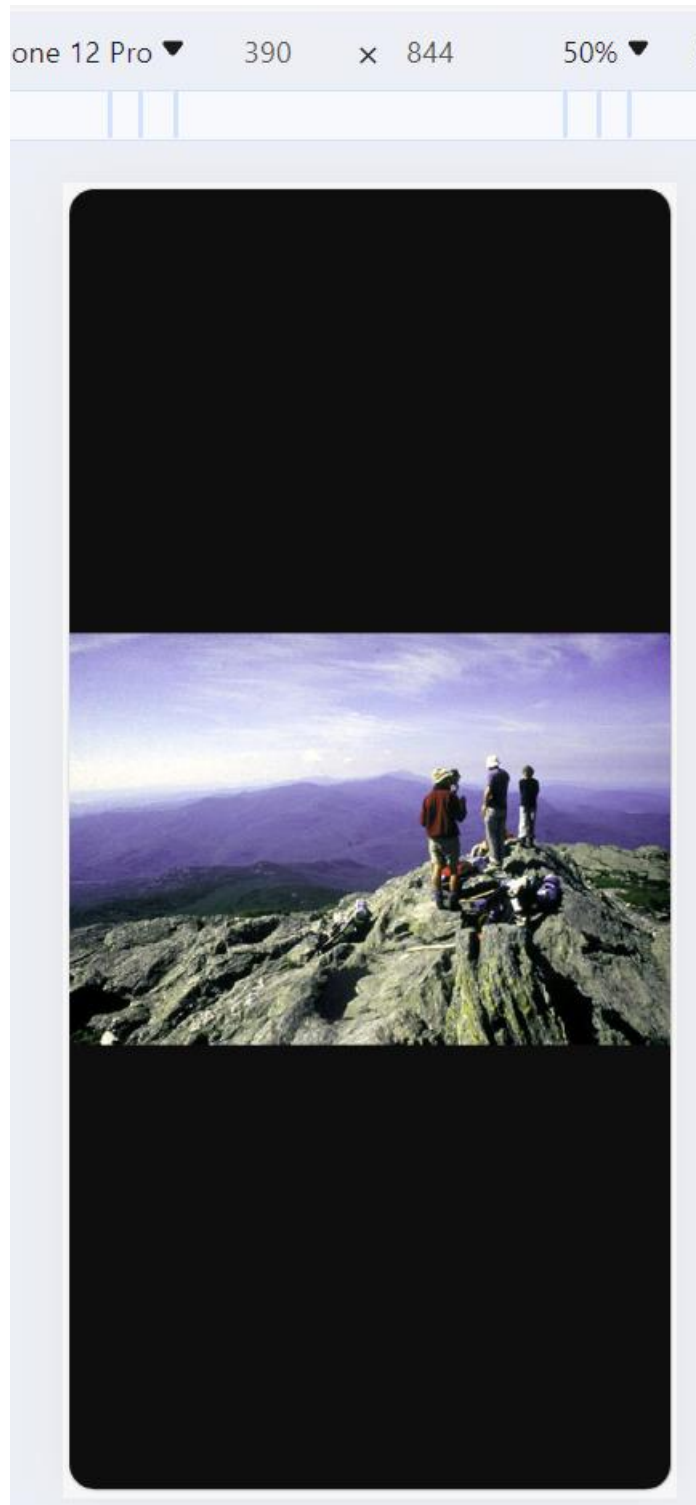
iPad Pro used below. Two images in one row. Menu item expanded and shown.



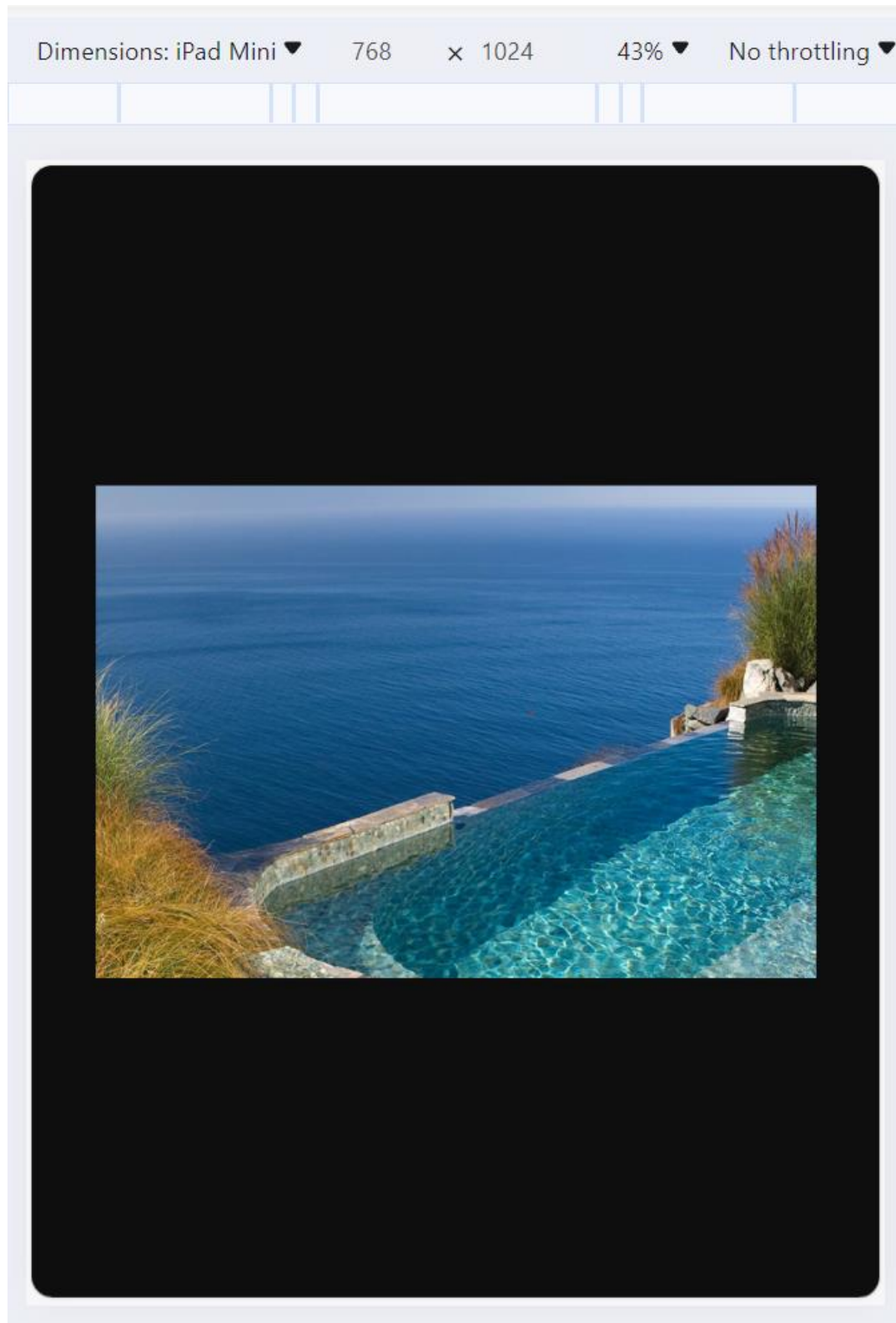
The same page but on smaller screen device (iPhone 12 Pro). Menu items collapsed and Hamburg icon appeared. One image one row.



When hiking image clicked on iPhone 12 Pro.





When Pool clocked on iPad Mini.



When comments clicked on iPhone 12 Pro

hone 12 Pro ▼ 390 x 844 47% ▼ N

# John's Resort



## We treasure your comments

Name

Phone:

E-mail Address:

Your Comments


Submit Comments



On iPad Mini, when click on Comments

Dimensions: iPad Mini ▾ 768 × 1024 43% ▾ No throttling ▾

# John's Resort

[Home](#) [Yurts](#) [Activities](#) [Reservation](#) [Comments](#)

## We treasure your comments

Name

Phone:

E-mail

name@domain.com

Address:

Your  
Comments

Submit Comments

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