

CISC 4900 - INDEPENDENCE PROJECT [ONLINE BOOKING WEBSITE]

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Purpose of the project

- To establish an online booking website that includes the reservation function
 - PHP (Back-end development language)
 - Bootstrap 4 (Front-end framework)
 - MySQL (Open-source relational database management system)
 - I will phpMyAdmin to manage MySQL database
- Project will mainly focus on the party reservation

Purpose of the project

- Adopt the store where I work as the pattern
 - A big indoor playground for kids that is named “RunningKids”
 - Sell daily entrance ticket
 - Provide party package for customers to do the party
- In need of a tool to manage the orders on party reservation.
- Need a platform for customers to check the store’s entire schedule and find the detailed information about the store



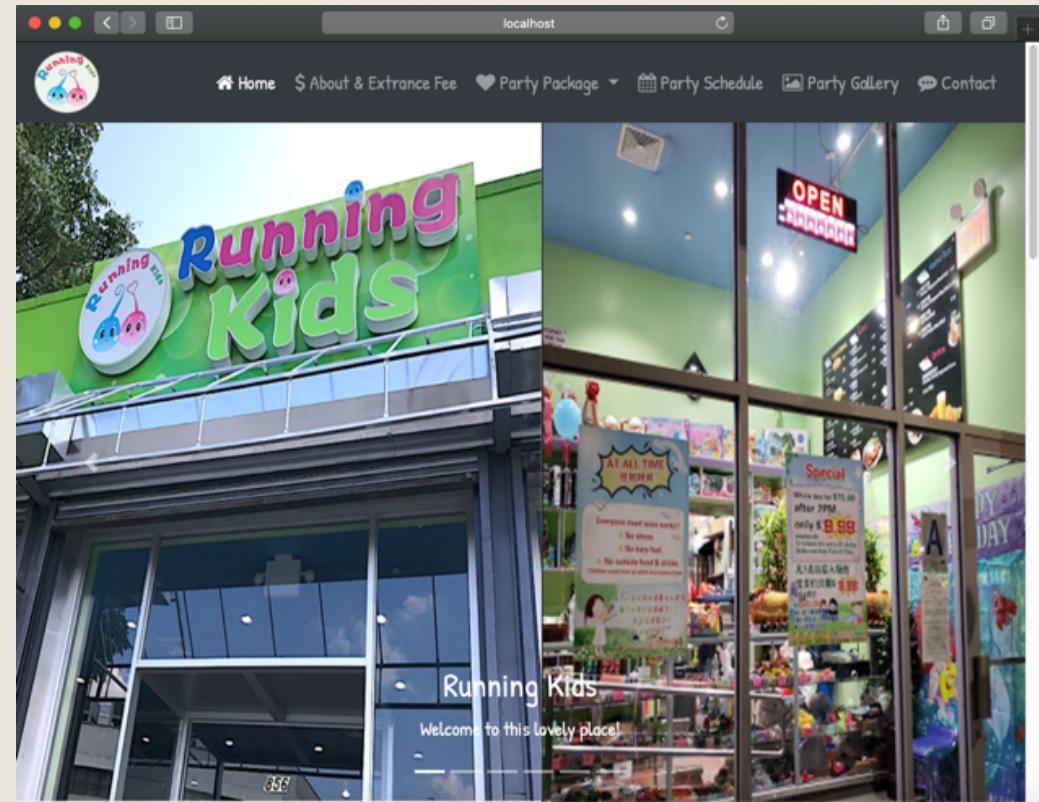
On the website:

- Inquire all the store information
 - For example, ticket price, food menu and contact information
- Make the online party reservation directly
- Check the entire party calendar to see the party schedule
 - All party is private, no one else is allowed to enter when the party is going on
 - Party calendar is useful for customers to check the time immediately in order to avoid any time conflicts occurred

Website Details and preview

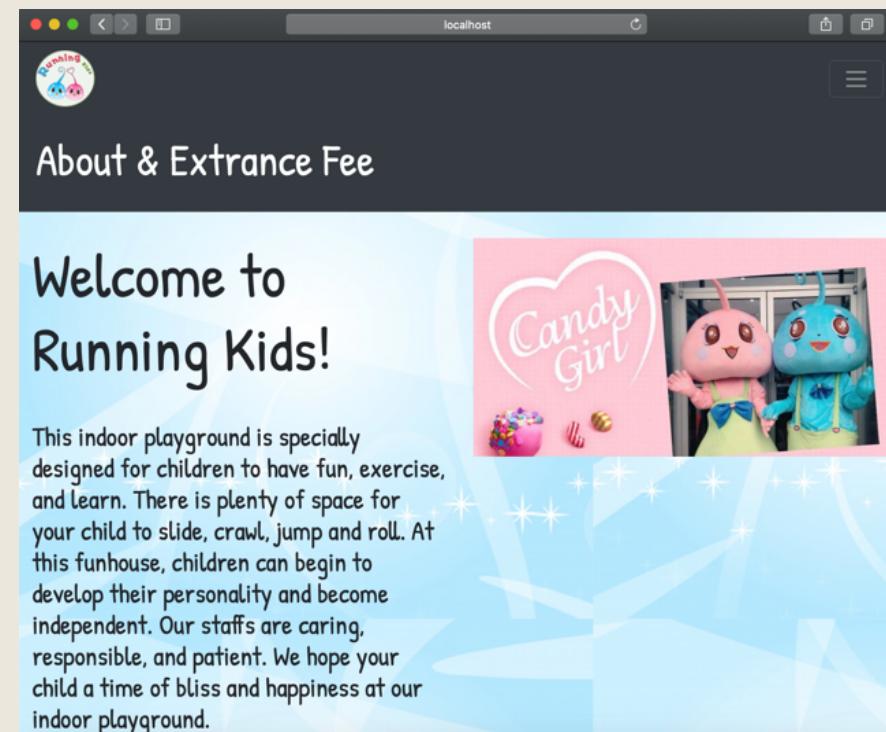
index.php

- Homepage of the website
- Slideshow to show the photos
- Under the carousel, there is a simple introduction about the store
- User can scroll down to click the button in the party section to get more details about the party package and view more party photos



AboutandPrice.php

- To show the detailed store information
 - For example, the facilities, operating time and price chart



	<input type="button" value="Edit"/>	<input type="button" value="Copy"/>	<input type="button" value="Delete"/>	ID	kidsage	price
<input type="checkbox"/>	<input type="button" value="Edit"/>	<input type="button" value="Copy"/>	<input type="button" value="Delete"/>	1	11 months or below	Free
<input type="checkbox"/>	<input type="button" value="Edit"/>	<input type="button" value="Copy"/>	<input type="button" value="Delete"/>	2	1 years old	\$10
<input type="checkbox"/>	<input type="button" value="Edit"/>	<input type="button" value="Copy"/>	<input type="button" value="Delete"/>	3	2-14 years old	\$15
<input type="checkbox"/>	<input type="button" value="Edit"/>	<input type="button" value="Copy"/>	<input type="button" value="Delete"/>	4	15 years old or above	Count as Adult Fare

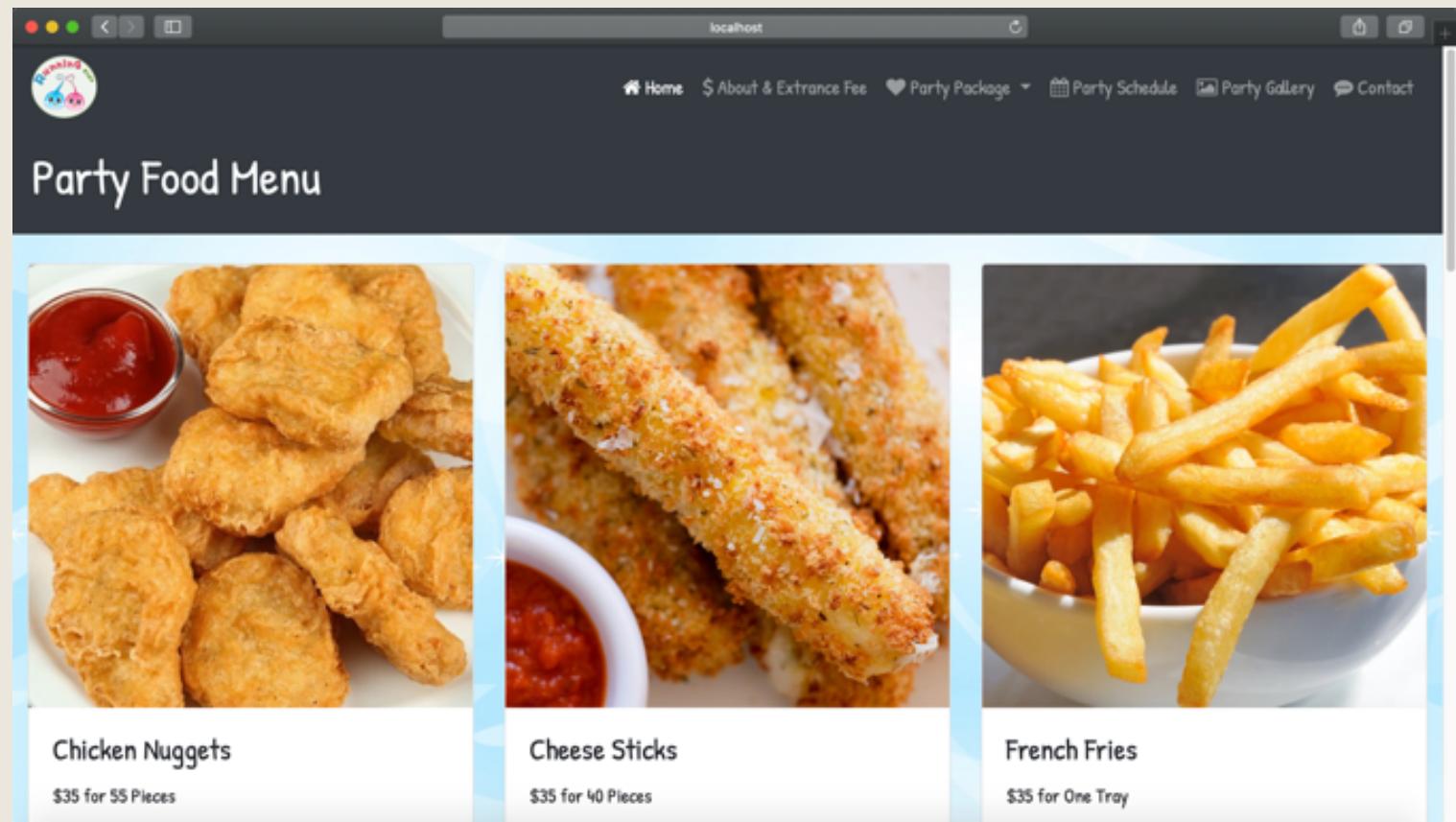
Kids Ticket Price Chart

Kids Age	Price
11 months or below	Free
1 years old	\$10
2-14 years old	\$15
15 years old or above	Count as Adult Fare

- Adult Fare: \$5 / each
- For 2 hours

PartyFood.php

- To display the party food menu



PartyPackagePrice.php

- To show the details of the party package

The screenshot shows a web application running on a local host. The header includes a logo, navigation links for Home, About & Entrance Fee, Party Package (selected), Party Schedule, Party Gallery, and Contact. The main content area has a title 'Private Party Package' and a section titled 'Package Price' with a table. Below the table is a section titled 'Package Includes:'.

Day	Price
Weekday (From Monday to Friday)	\$575
Weekend (Saturday and Sunday)	\$675

Package Includes:

- 15 Kids + Unlimited Adults
- For 2 hours
- Reservation Deposit: \$200

Each child can get:

PartyBooking.php

- Party reservation form
- Input validation will check the values that entered by the user are formatted correctly

The screenshot shows a web browser window with a dark header bar. The header contains a logo, the text "localhost", and several navigation links: Home, About & Entrance Fee, Party Package, Party Schedule, Party Gallery, and Contact.

The main content area has a light blue background with a starburst pattern. At the top, it says "Make a Reservation". In the center, there is a heading "Private Party". Below this, there are several input fields and validation messages:

- A text input field for "Birthday Kid's Name" with the placeholder "Enter Birthday Kid's name". A red border surrounds the field, and a red validation message "Please enter the name" is displayed below it.
- A radio button group for "Birthday Kid's Gender" with options "Boy" and "Girl". A red validation message "Please select the gender" is displayed below the radio buttons.
- A text input field for "Parent Name" with the placeholder "Enter Parent's name". A red border surrounds the field, and a red validation message "Please enter the name" is displayed below it.

PartyBooking.php

For Example,

- Birthday Kid's Name: Only allow English letters

Birthday Kid's Name:

Birthday Kid's Name:

Please enter the name

Birthday Kid's Name:

Please enter the name

PartyBooking.php

For Example,

- Contact Phone Number: Only allow numbers

The image displays two side-by-side screenshots of a web form titled "PartyBooking.php". Both screenshots show a "Contact Phone Number" input field.

Screenshot 1 (Left): The input field contains the value "7181110000". A green rounded rectangle highlights the entire input field, and a green checkmark icon is positioned to the right of the input field.

Screenshot 2 (Right): The input field contains the value "7181110000a". A red rounded rectangle highlights the entire input field, and a red exclamation mark icon is positioned to the right of the input field. Below the input field, an error message in red text reads: "Please enter your phone number [A valid U.S. phone number must be 10 digit numbers]."

PartyBooking.php

For Example,

- Email Address:

A validly formatted email address

Email Address:

✉ ✓

Email Address:

✉ !

Please enter the valid email [For example, email@example.com]

Email Address:

✉ !

Please enter the valid email [For example, email@example.com]

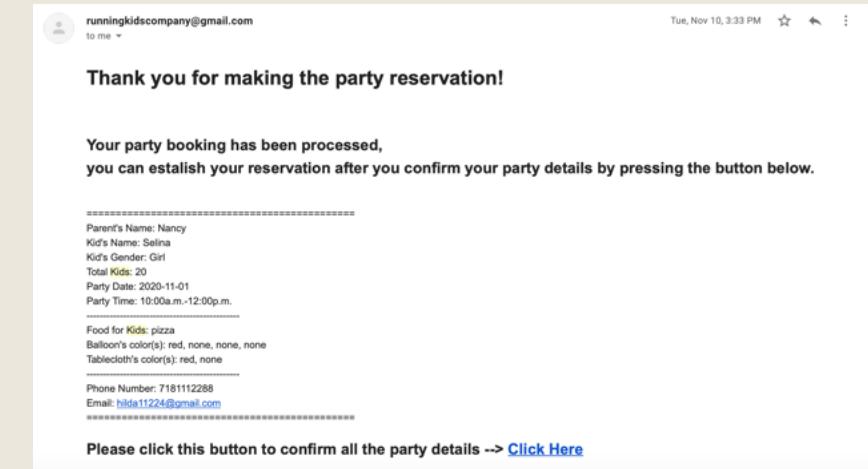
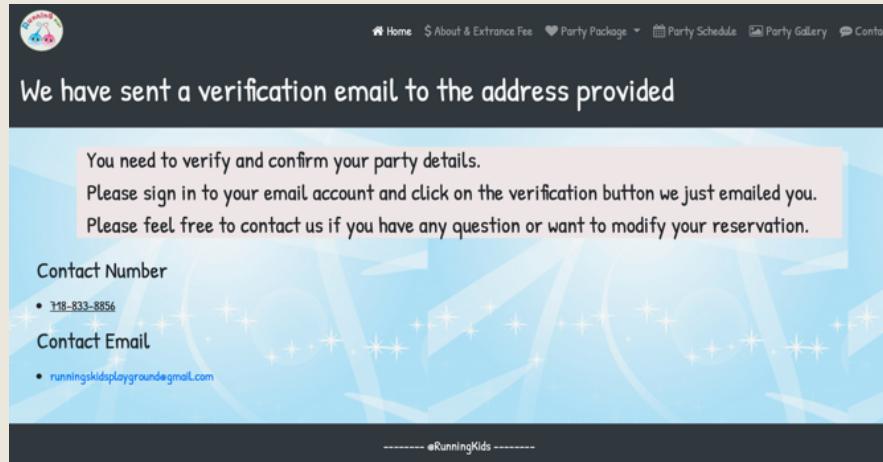
Email Address:

! !

Please enter the valid email [For example, email@example.com]

PartyBooking.php

- After the customer submit their party reservation, an email verification will be sent automatically
- Customer need to click the link in the email to confirm and verify their reservation
 - ✓ Check the validity of the email address
 - ✓ Ensure the collection of quality data and confirm its authenticity



MySQL

1. After customer submit their reservation, data will insert into “partyverification” database

2. Status will be 0

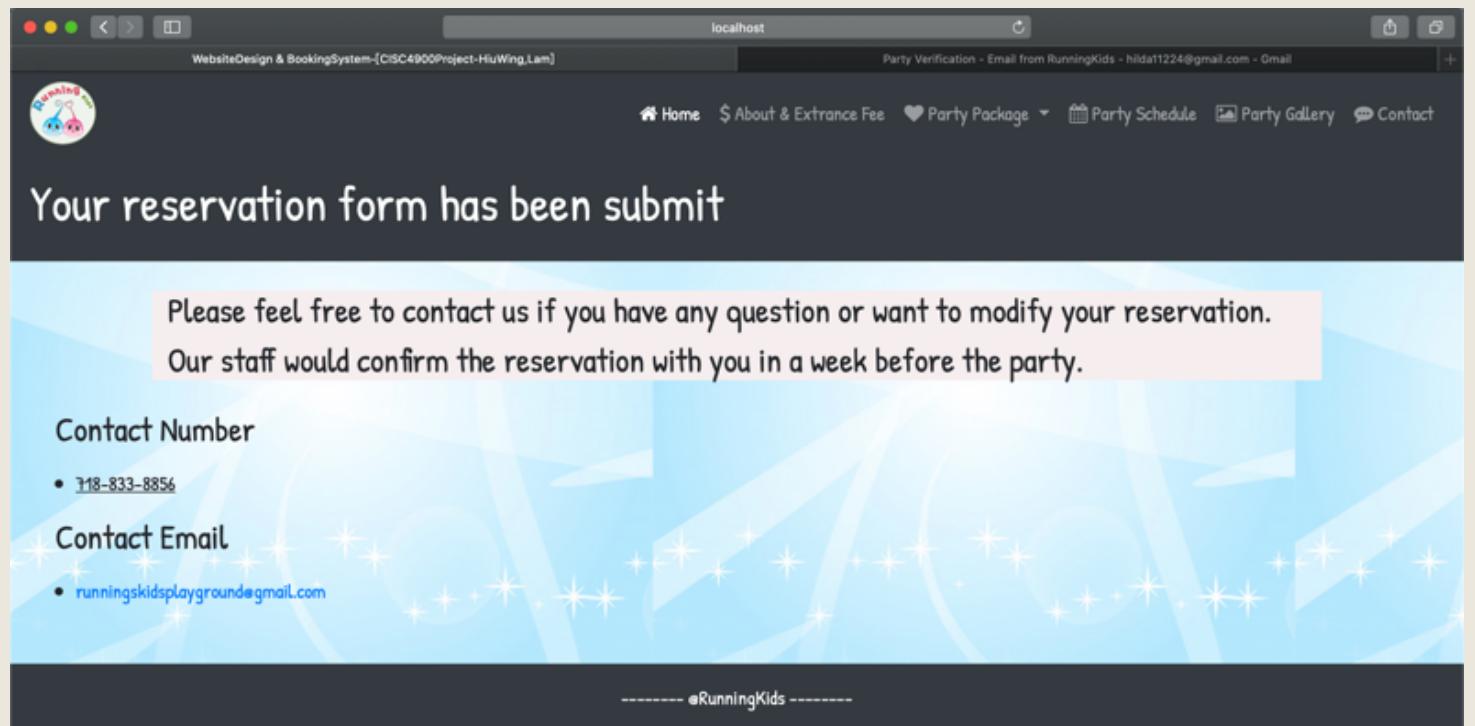
(Database: partyverification)

			ID	kidname	email	partydate	partytime	vkey	status	
<input type="checkbox"/>	 Edit	 Copy	 Delete	1	HiuWing	hilda11224@gmail.com	2020-10-20	10:00a.m.-12:00p.m.	b2f627fff19fda463cb386442eac2b3d	1
<input type="checkbox"/>	 Edit	 Copy	 Delete	2	Jackson	hilda11224@gmail.com	2020-10-17	7:00p.m.-9:00p.m.	1534b76d325a8f591b52d302e7181331	1
<input type="checkbox"/>	 Edit	 Copy	 Delete	3	Lucy	hilda11224@gmail.com	2020-11-10	10:00a.m.-12:00p.m.	c0e190d8267e36708f955d7ab048990d	1
<input type="checkbox"/>	 Edit	 Copy	 Delete	4	Selina	hilda11224@gmail.com	2020-11-01	10:00a.m.-12:00p.m.	7fe1f8abaad094e0b5cb1b01d712f708	1
<input type="checkbox"/>	 Edit	 Copy	 Delete	5	Jerry	hilda11224@gmail.com	2020-11-01	7:00p.m.-9:00p.m.	6364d3f0f495b6ab9dcf8d3b5c6e0b01	1
<input type="checkbox"/>	 Edit	 Copy	 Delete	6	Bella	hilda11224@gmail.com	2020-12-16	10:00a.m.-12:00p.m.	ef575e8837d065a1683c022d2077d342	1
<input type="checkbox"/>	 Edit	 Copy	 Delete	7	Benson	hilda11224@gmail.com	2020-12-10	7:00p.m.-9:00p.m.	e70611883d2760c8bbafb4acb29e3446	0



ReservationSubmitSuccess.php

- Show when the customer got their email verification and verified it successfully
 - ✓ Reservation has been confirmed and been sure



MySQL

3. Then, when customer get the email and click the verification link,
status will change to 1

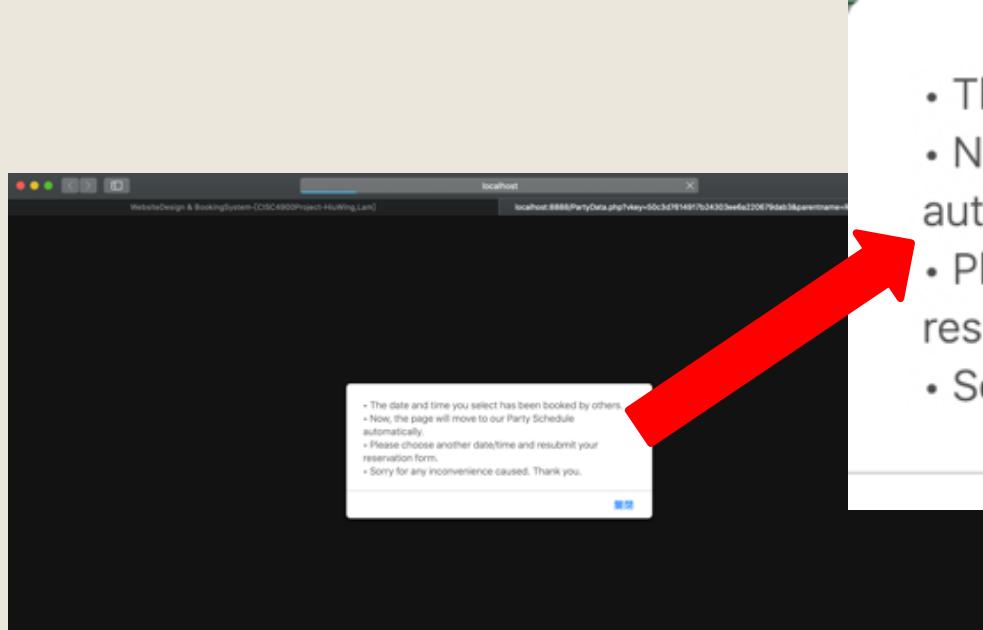
(Database: partyverification)

← ↑ →	▼	ID	kidname	email	partydate	partytme	vkey	status	
<input type="checkbox"/>	 Edit	 Copy	 Delete	1	HiuWing	hilda11224@gmail.com	2020-10-20	10:00a.m.-12:00p.m.	b2f627fff19fda463cb386442eac2b3d
<input type="checkbox"/>	 Edit	 Copy	 Delete	2	Jackson	hilda11224@gmail.com	2020-10-17	7:00p.m.-9:00p.m.	1534b76d325a8f591b52d302e7181331
<input type="checkbox"/>	 Edit	 Copy	 Delete	3	Lucy	hilda11224@gmail.com	2020-11-10	10:00a.m.-12:00p.m.	c0e190d8267e36708f955d7ab048990d
<input type="checkbox"/>	 Edit	 Copy	 Delete	4	Selina	hilda11224@gmail.com	2020-11-01	10:00a.m.-12:00p.m.	7fe1f8abaad094e0b5cb1b01d712f708
<input type="checkbox"/>	 Edit	 Copy	 Delete	5	Jerry	hilda11224@gmail.com	2020-11-01	7:00p.m.-9:00p.m.	6364d3f0f495b6ab9dcf8d3b5c6e0b01
<input type="checkbox"/>	 Edit	 Copy	 Delete	6	Bella	hilda11224@gmail.com	2020-12-16	10:00a.m.-12:00p.m.	ef575e8837d065a1683c022d2077d342
<input type="checkbox"/>	 Edit	 Copy	 Delete	7	Benson	hilda11224@gmail.com	2020-12-10	7:00p.m.-9:00p.m.	e70611883d2760c8bbaf4acb29e3446



PartyBooking.php

- If there is duplicate reservation, a message will pop out to inform customer to choose another party date/time
- To avoid customer conduct their party on the same party date and time



- The date and time you select has been booked by others.
- Now, the page will move to our Party Schedule automatically.
- Please choose another date/time and resubmit your reservation form.
- Sorry for any inconvenience caused. Thank you.

MySQL

4. If two customer want to make the party reservation on the same date and time, system will send the email verification to both as usual

- If Customer A click the link faster than Customer B,
 - Customer A's status will change to 1
 - Customer B's record that in the “partyverification” database will be deleted and the verification link in the email will become invalid immediately
- At this moment, when Customer B click on the verification link, it will move to party calendar and pop out a message, ask him to choose another party date/time

MySQL

5. When Customer A's status change to 1, his party data will insert into “partybookingdata” and “calendarevent” database immediately at the same time

(Database: partybookingdata)

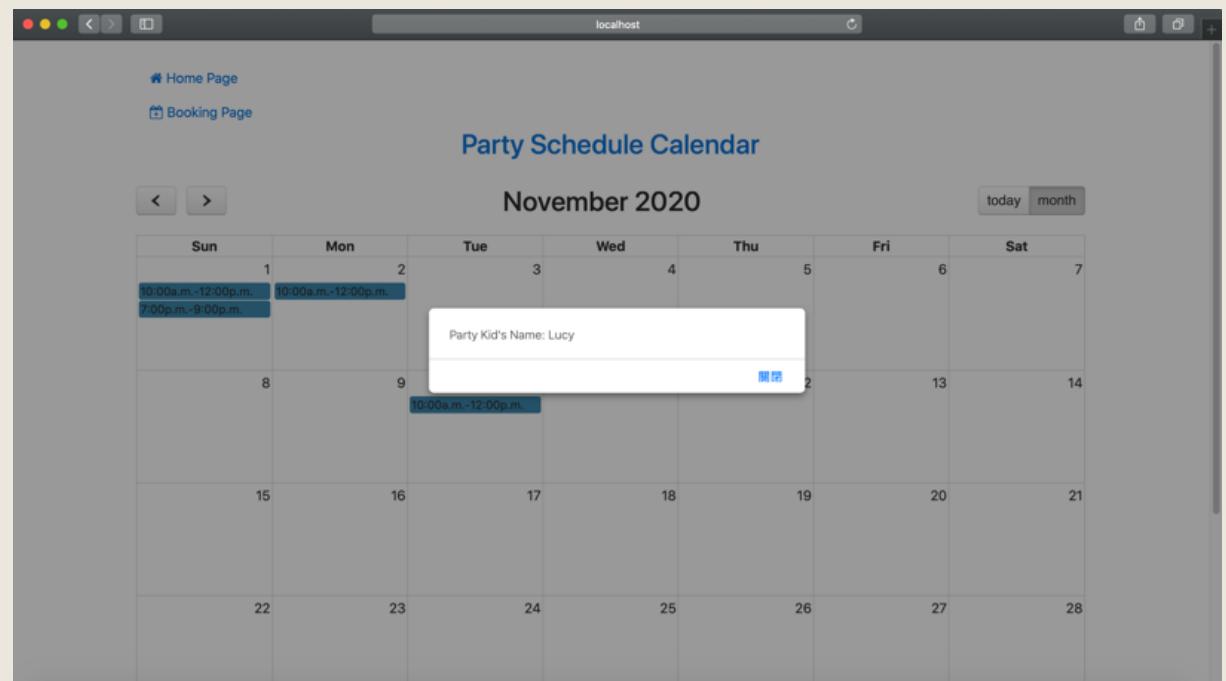
	ID	kidname	kidgender	parentname	phonenum	email	totalkids	partydate	partyti
<input type="checkbox"/>	1	HiuWing	Girl	Nick	7181234567	hilda11224@gmail.com	20	2020-10-20	10:00a
<input type="checkbox"/>	2	Jackson	Boy	Henry	6462220000	hilda11224@gmail.com	30	2020-10-17	7:00p.m.
<input type="checkbox"/>	3	Lucy	Girl	Sunny	7181110000	hilda11224@gmail.com	30	2020-11-10	10:00a
<input type="checkbox"/>	4	Selina	Girl	Nancy	7181112288	hilda11224@gmail.com	20	2020-11-01	10:00a
<input type="checkbox"/>	5	Jerry	Girl	Ella	7181234567	hilda11224@gmail.com	20	2020-11-01	10:00a
<input type="checkbox"/>	6	Billy	Boy	Rita	6461234567	hilda11224@gmail.com	20	2020-11-01	10:00a
<input type="checkbox"/>	7	Bella	Girl	Cesar	7189992222	hilda11224@gmail.com	20	2020-12-16	10:00a.m.-12:00p.m.
<input type="checkbox"/>	8	Benson	Boy	Hilda	6465277333	hilda11224@gmail.com	20	2020-12-10	7:00p.m.-9:00p.m.

(Database: calendarevent)

	ID	kidname	partydate	partytime
<input type="checkbox"/>	1	HiuWing	2020-10-20	10:00a.m.-12:00p.m.
<input type="checkbox"/>	2	Jackson	2020-10-17	7:00p.m.-9:00p.m.
<input type="checkbox"/>	3	Lucy	2020-11-10	10:00a.m.-12:00p.m.
<input type="checkbox"/>	4	Selina	2020-11-01	10:00a.m.-12:00p.m.
<input type="checkbox"/>	5	Jerry	2020-11-01	7:00p.m.-9:00p.m.
<input type="checkbox"/>	6	Billy	2020-11-02	10:00a.m.-12:00p.m.
<input type="checkbox"/>	7	Bella	2020-12-16	10:00a.m.-12:00p.m.
<input type="checkbox"/>	8	Benson	2020-12-10	7:00p.m.-9:00p.m.

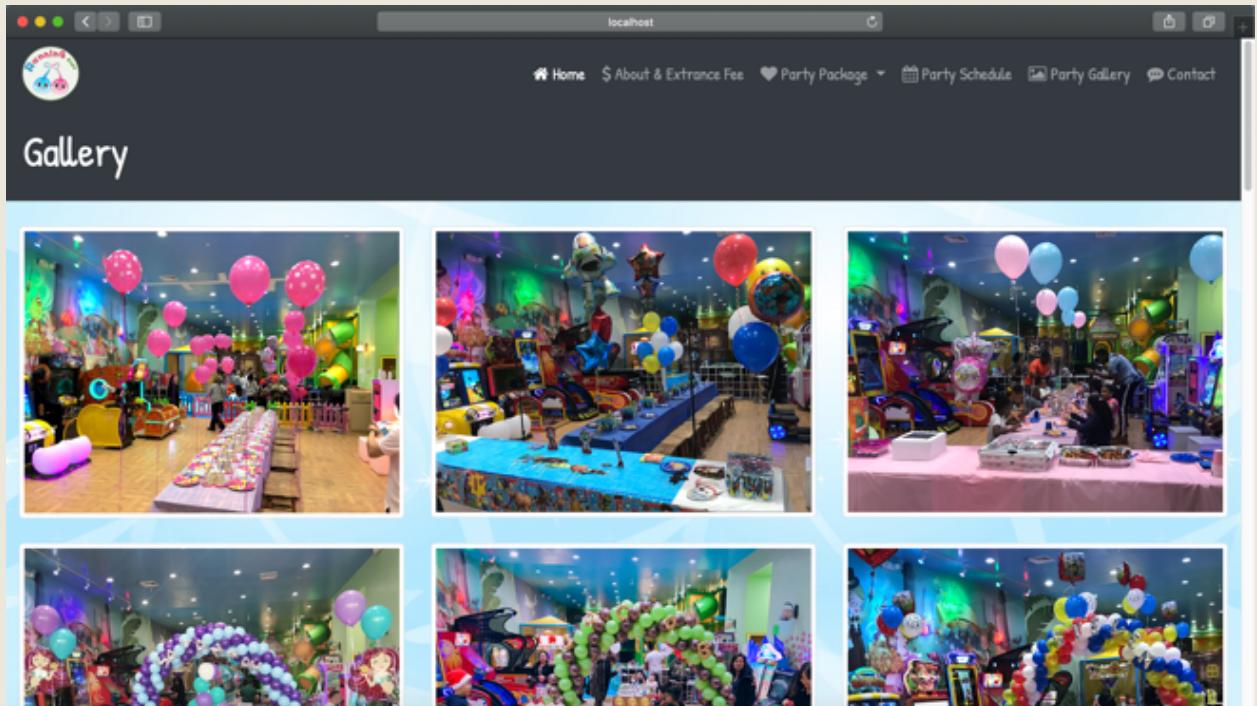
PartySchedule.php

- To display the entire party calendar
- When the customer clicks on the event, it will pop out the party kid's name



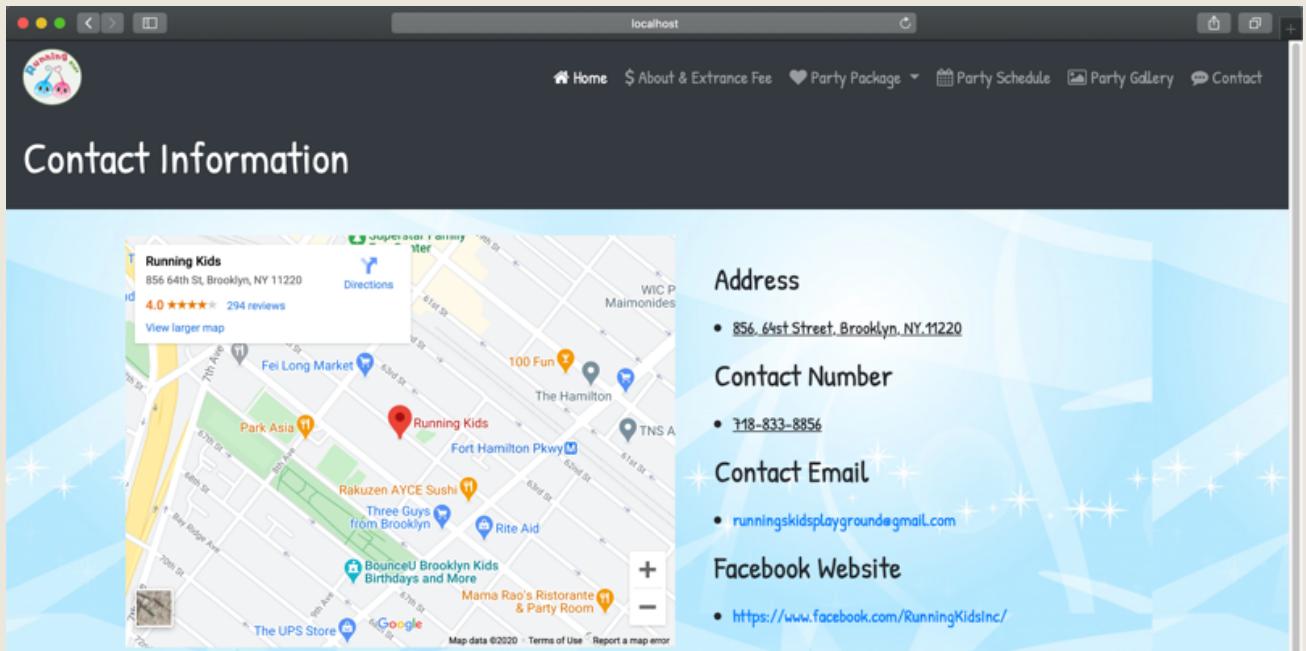
Gallery.php

- An area for customer to review the previous party photos
 - Give them ideas to decorate their own party



Contact.php

- To provide detailed contact information



The End