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Chapter 1: Web Application User Manual

Customer Side

1. Log In

Enter your account details to login to log into your account. If you do not have an account, you can register an account through a link below the submit button. If you forgot your password, you can click on the “forgot password” link below the buttons. After successfully login, it will direct you to the home page of the website. A warning will appear if the login details is incorrect.

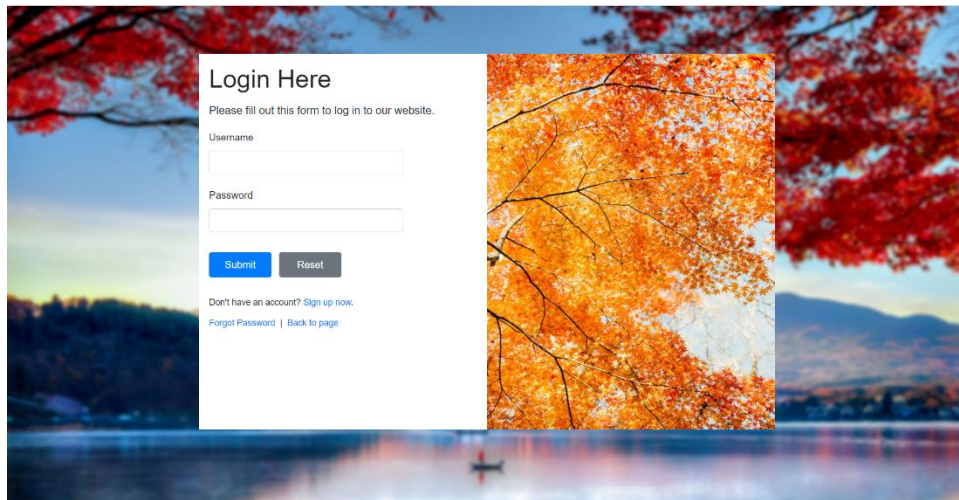


Figure 1: shows the login page

2. Register

You can register an account with your own email and password. After successfully register, it will direct you to login page to login to your account. Proper warning will appear if you did not follow the proper password layout.

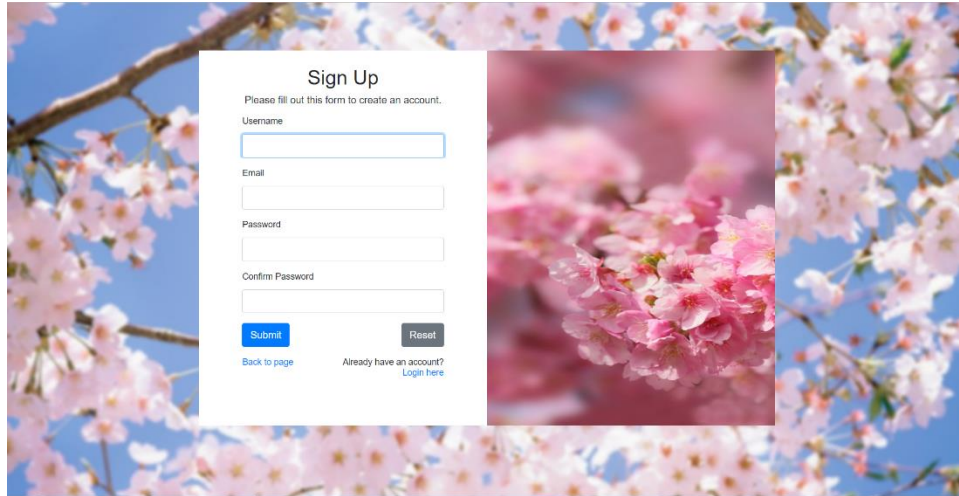


Figure 2 :shows the register page

3. Forgot Password

You can request for an OTP when you forget your password, you will need to enter your email and a form will be sent to your email. The form will link you to a change password form where you can change your password. After successfully changed your password, it will link you to the login page to log into your account. A warning will appear if you did not follow the proper password layout.

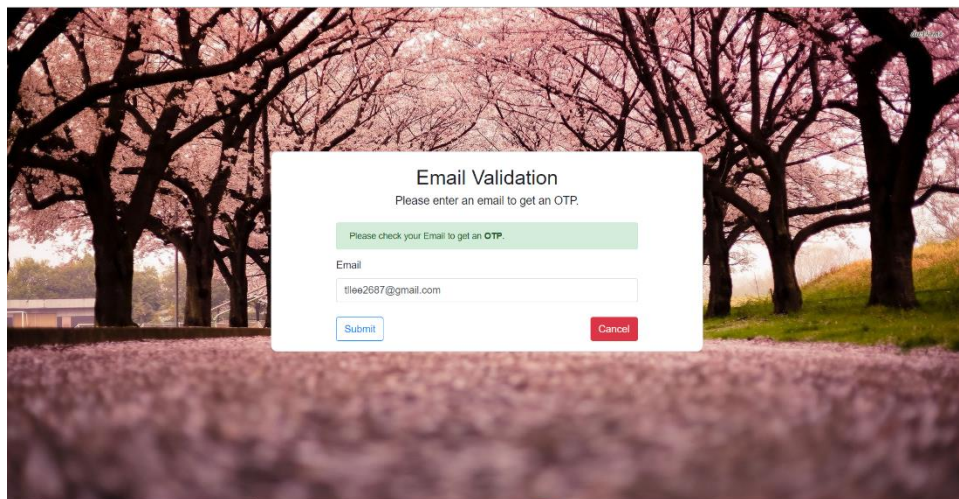


Figure 3: shows the forgot password page

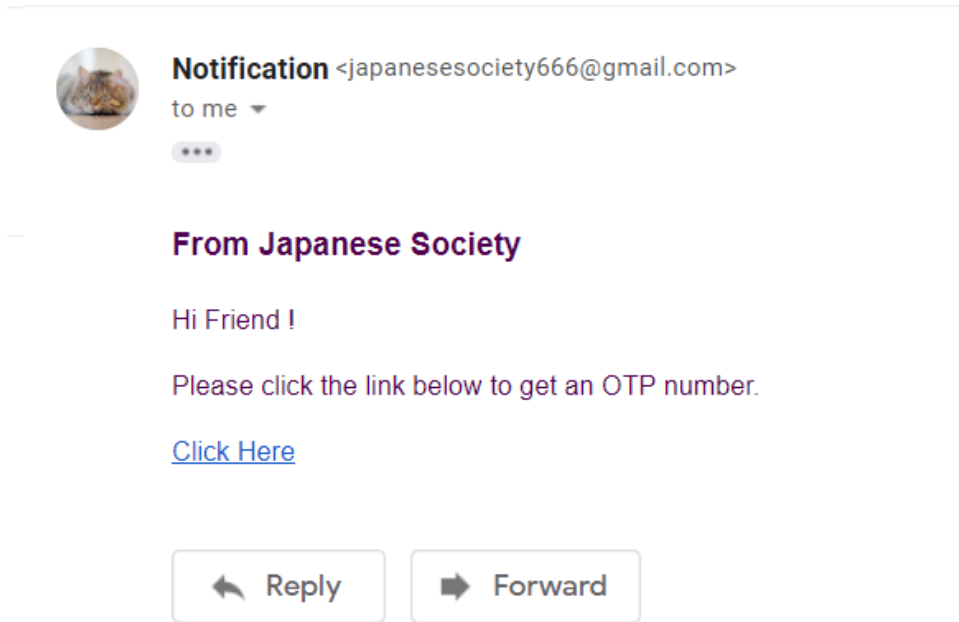


Figure 4: shows the email sent by the society

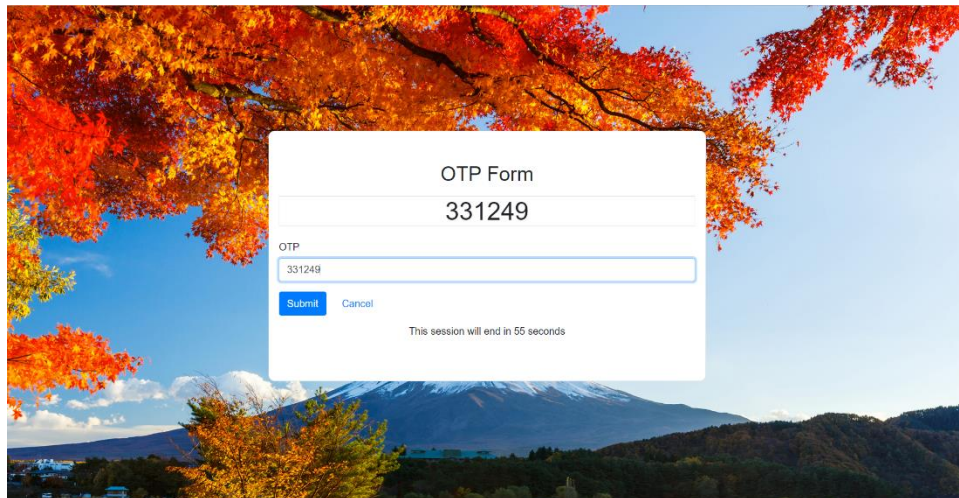


Figure 5: shows the OTP form

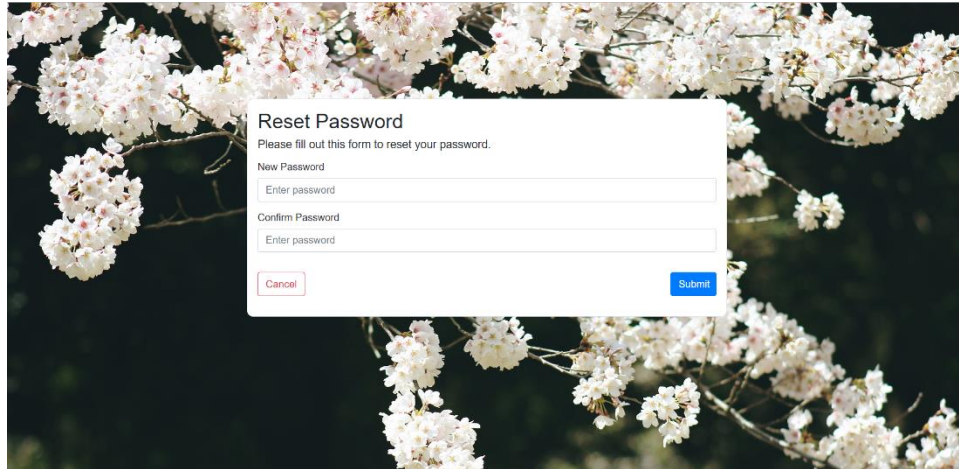


Figure 6: shows the reset password

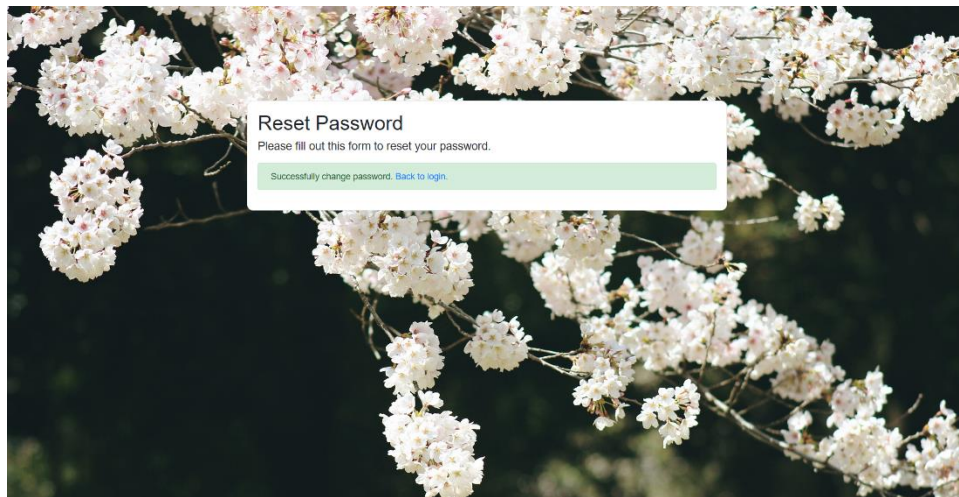


Figure 7: shows the successful reset password

4. Navigation Bar

When you log into the home page, you will see navigation bar where you will use to navigate through the website. There is the logo of the society where you can click on it to go back to the home page. The website also has a home text for you to click to go back to the home page just in case. The event link is beside the home where you will use it to navigate to the event page where you can do booking for events that you wish to participate. The next one beside the event is the about page where you can find information about the society and the members behind the creation of the website. And the last one will be a cart link where you can see the event that you have ordered but have not made payment on it yet. On the right side of the navigation bar, you will find two links related to your login and profile. If you enter the website and not logged in with your account, there will be a register and login link for you to either create an account to log in or to log into your account. But once you are logged in, it will change into profile and log out, where you can see your profile and purchase history or log out of your account once you're done.



Figure 8: shows the navigation bar when user is not logged in



Figure 9: shows the navigation bar when user is logged in

5. Footer

At the very bottom of the page will be a footer where you are also able to use it to navigate through some of the pages in the website. The first one is the home link where you can use it to navigate to the home page. Next to the home link is the login/logout link, very similar to the function of the navigation bar, if you are not logged in, it will show a login link, but if you are logged in, it will show a log out link. Next to it will be a booking link where it is similar to the cart link on the top navigation bar, you can see the cart where you have made order on events that you have not made payments for it yet. The last one is the about link where you can navigate to the about us page to find information of the society and the members involved in it.

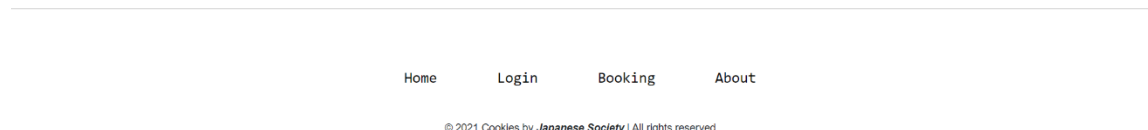


Figure 10: shows the footer when the user is not logged in

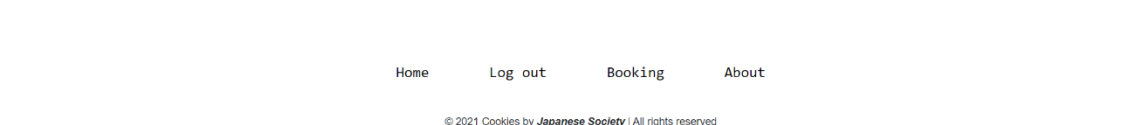


Figure 11: shows the footer when the user is logged in

6. Profile Selection

You can access the profile section by logging in to your account and clicking the profile on the right side of the navigation bar. In the section a popup will show up showing your account information. From here you are able to do three different things, you can access to your purchase history where it will show you your ticket history on events that you have purchased. You can modify your profile like changing your username, email or your password. When you click on it, it will direct you to a page with four different input field. You only have to fill in one of the inputs if you want to only change one of them. And the last thing you can do is closing the profile popup. You can access your profile from almost all of the pages in the website.

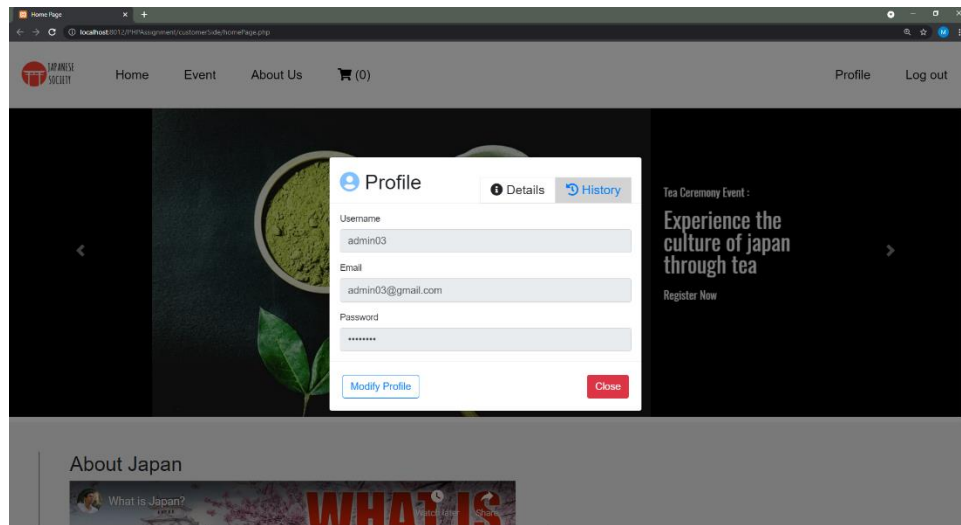


Figure 12: shows the profile popup

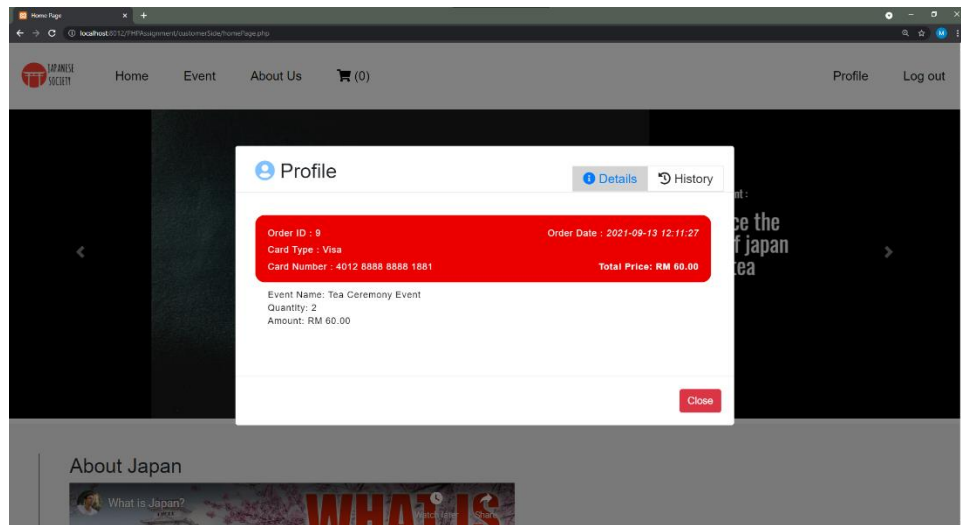


Figure 13: shows the purchase history

7. Booking an Event

If you want to book a ticket from an event, there are multiple ways for you to do so. But the simplest way to book an event is by clicking the event link on the navigation bar then proceed to choose the event that you wish to participate. It will lead you to an order page where you get to choose the quantity of the ticket you wish to purchase.

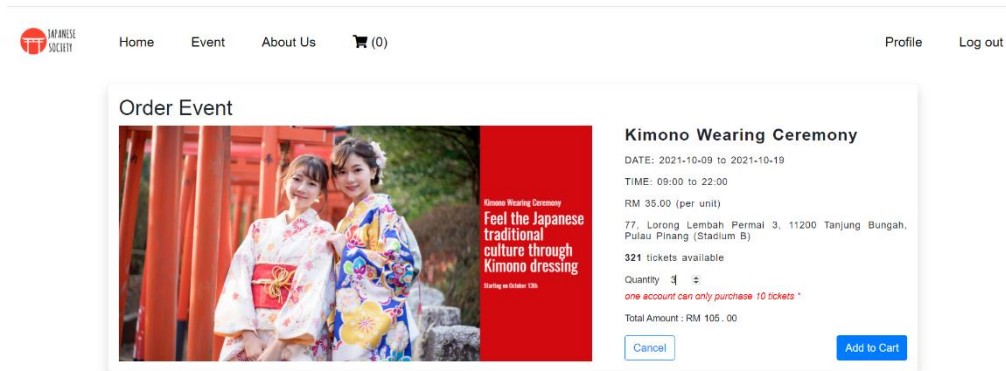


Figure 14: shows the order booking page

After that, the event will be added to your cart you can click on the proceed payment button to proceed to the payment method to complete the whole process.

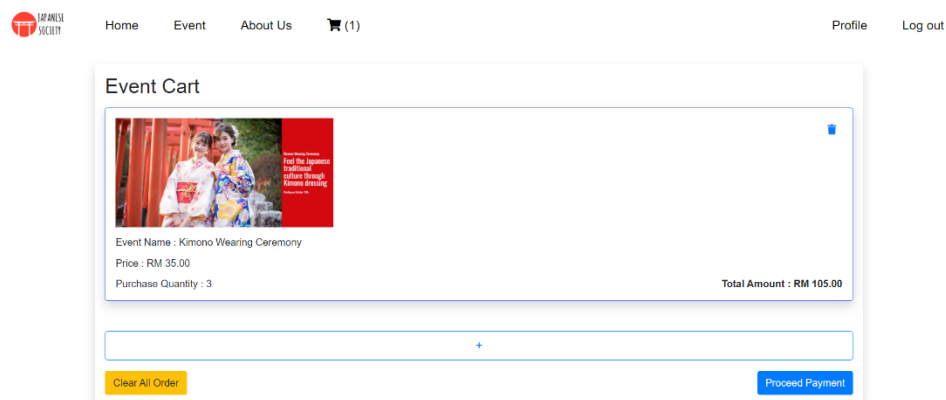


Figure 15: shows the cart page

In the payment method, you can choose the card that you will be using for the payment (either Visa or Mastercard). Then you proceed to enter your card number and CVV. After entering everything needed, you can click on the confirm payment where you will meet a confirmation message stating that payment made will not be refunded. After completing the payment, you have successfully booked a ticket.

The screenshot shows the payment page of the Japanese Society website. The header includes the logo, navigation links (Home, Event, About Us), a shopping cart icon with a count of 1, and user links (Profile, Log out). The main content area displays the total price as RM 105.00. Below this, there are input fields for Card Type (set to Visa), Card Number, and CVV. At the bottom of the form are two buttons: 'Cancel Order' in orange and 'Confirm Order' in green. A small disclaimer at the bottom right states, '*Once confirm the order cannot be cancel'.

Figure 16: shows the payment order payment page

This screenshot shows the same payment page as Figure 16, but with a confirmation message overlay. The overlay is a white box with a close button (X) in the top right corner. It contains the text 'Confirmation Message' and 'Are you sure you want to proceed with the payment process?'. Below the text is a red disclaimer: '*Once confirm the order cannot be cancel'. At the bottom of the overlay are two buttons: 'Cancel Order' in red and 'Continue' in green. The background payment form is dimmed.

Figure 17: shows the confirmation message on the payment

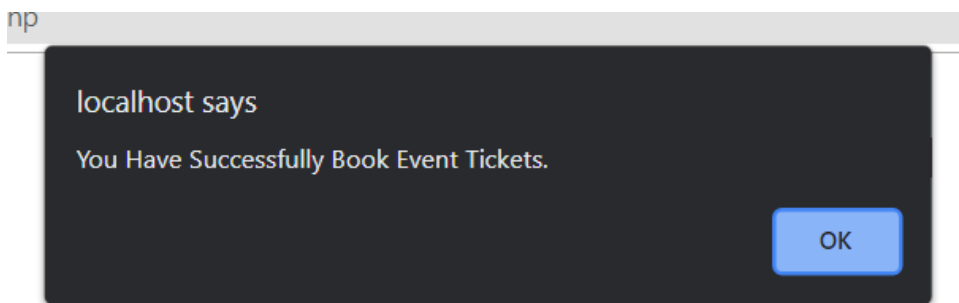


Figure 18: shows successful message upon completing payment

You can check on the event ticket you bought through your profile history. However, you have to be logged in to be able to purchase a ticket.

Admin Side

8. Log In

The login process is the same as the regular user, except the website is able to recognize your admin account will redirect you to the admin page.

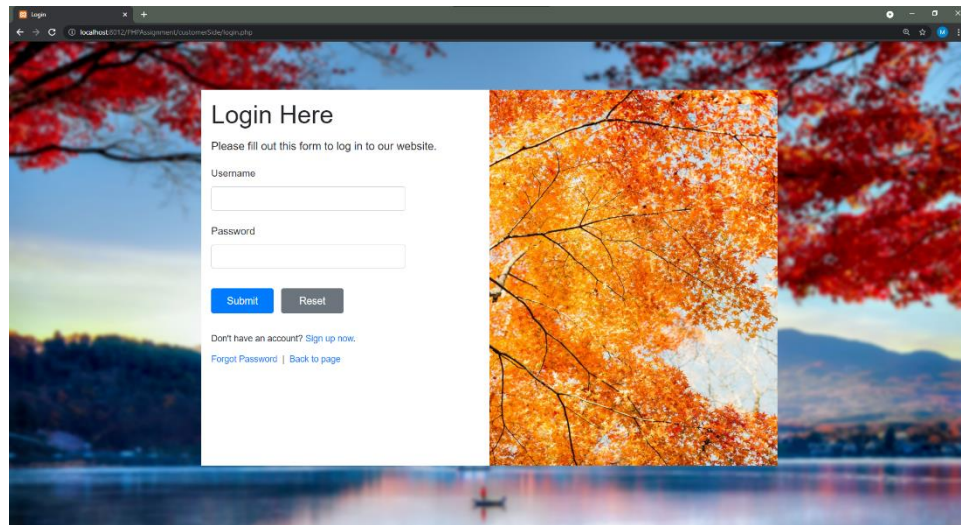


Figure 19: shows the login page

9. To Do List

On the main admin page, you will see a to do list task on the bottom right. Where you can enter a task that you want to remind the rest of the admins. All you have to do is to enter a task that you want and click the add task button and you will see the task show up in the list. The task can be deleted with the trash icon beside it.

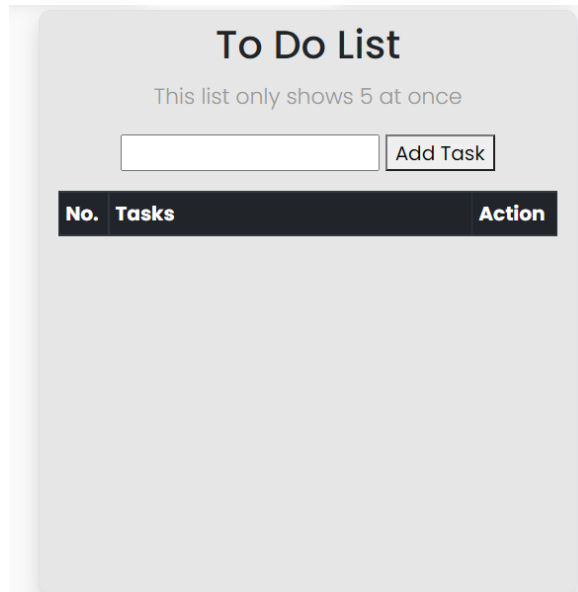


Figure 20: shows the to do list

10. Admin Account Handling

If you want to modify the details of the admin accounts, you first have to navigate to the admin section through the side bar of the website. And you will see a table containing a list of the admin account available. There is an edit button on the side of each account where you can click to modify the account details.

No	Id	Username	Email	Created Time	Status	
1	1	admin1	admin1@gmail.com	2021-09-11 10:23:10	Active	<button>Modify</button>
2	2	admin2	admin2@gmail.com	2021-09-11 11:30:50	Active	<button>Modify</button>

Showing 2 out of 2 records

Add new member

<< >>

Figure 21: shows the admin table page

When you click on the button, you will be directed into a page where the information of the admin is available.

Modify Admin Account Details

Click to change admin account details.

Active

ID Username

2 admin2

Email

admin2@gmail.com

Password Confirm Password

.....

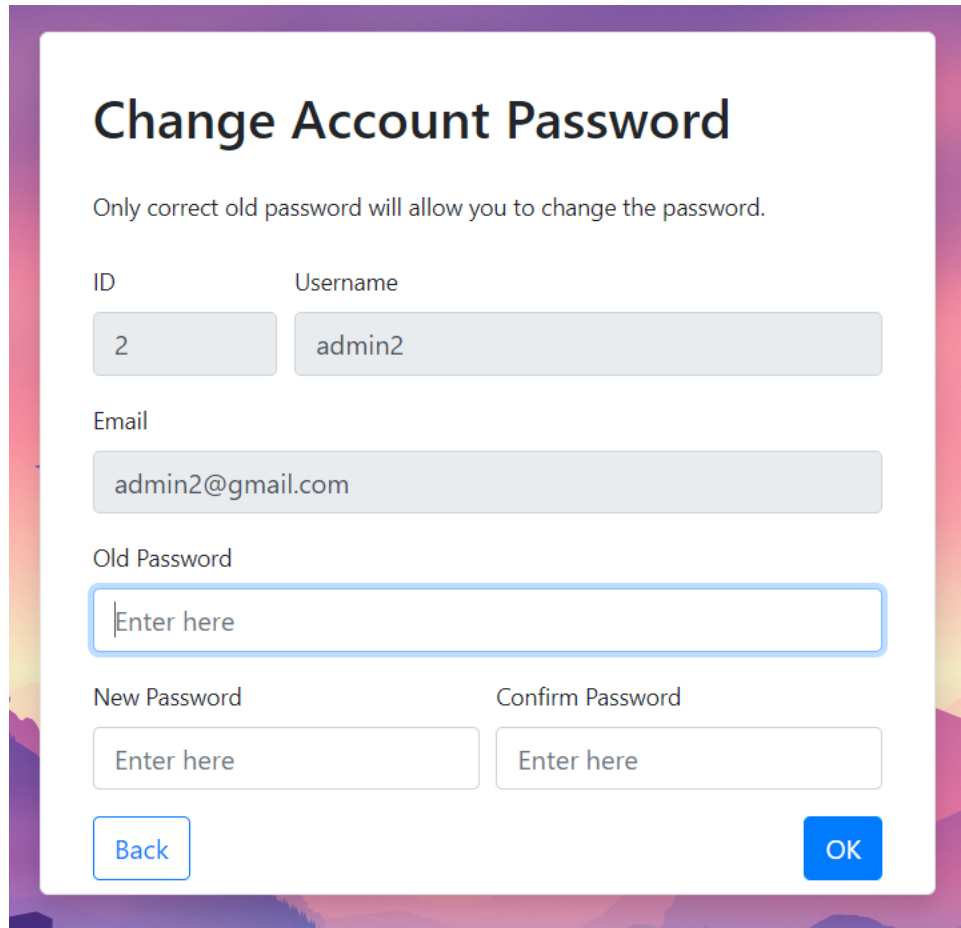
Back OK

Change Password

Ban Admin Account

Figure 22: shows the modify admin account page

Through this page you are able to change the username and the email of the account. You can also ban the account where the account will not be able to log in when they are banned. You also cannot modify accounts that are banned unless you unban them. There is a blue button to change the password of the account where you are able to change the password of the account.



The image shows a web form titled "Change Account Password". Below the title is a message: "Only correct old password will allow you to change the password." The form contains several input fields: "ID" with the value "2", "Username" with the value "admin2", "Email" with the value "admin2@gmail.com", "Old Password" with a placeholder "Enter here", "New Password" with a placeholder "Enter here", and "Confirm Password" with a placeholder "Enter here". At the bottom left is a "Back" button and at the bottom right is an "OK" button.

Change Account Password

Only correct old password will allow you to change the password.

ID: 2 Username: admin2

Email: admin2@gmail.com

Old Password: Enter here

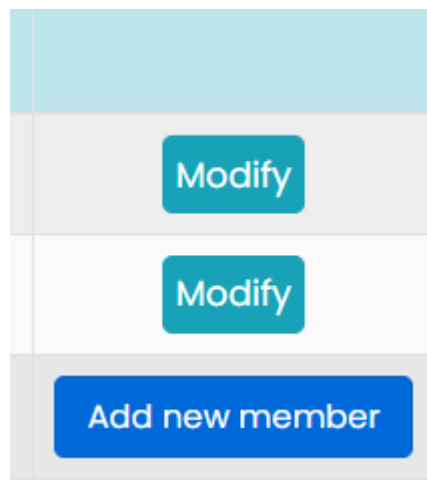
New Password: Enter here Confirm Password: Enter here

Back OK

Figure 23: shows the admin password change page

11. Admin Account Adding

If you want to add an admin account, you will have to manually add it through the button at the bottom column of the table.

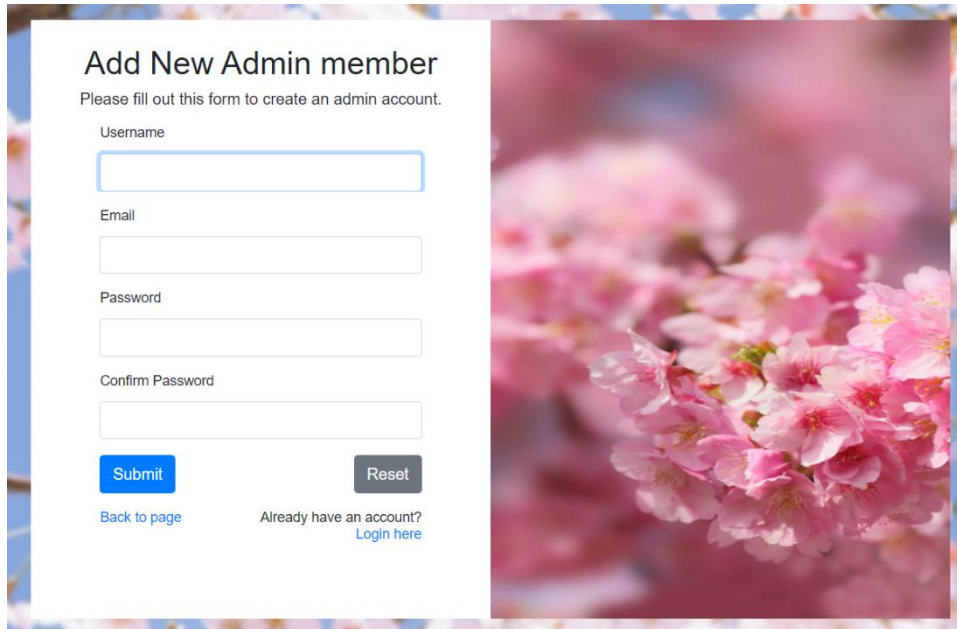


The image shows a table with three rows. The first two rows have a "Modify" button in the bottom column. The third row has an "Add new member" button in the bottom column.

	Modify
	Modify
	Add new member

Figure 24: shows the modify button

When you click the button, you will be redirected into the sign-up page made to register an admin account.



Add New Admin member
Please fill out this form to create an admin account.

Username

Email

Password

Confirm Password

[Submit](#) [Reset](#)

[Back to page](#) [Already have an account? Login here](#)

Figure 25: shows the admin register page

All you have to do now is to create the account and you are done creating a new admin account.

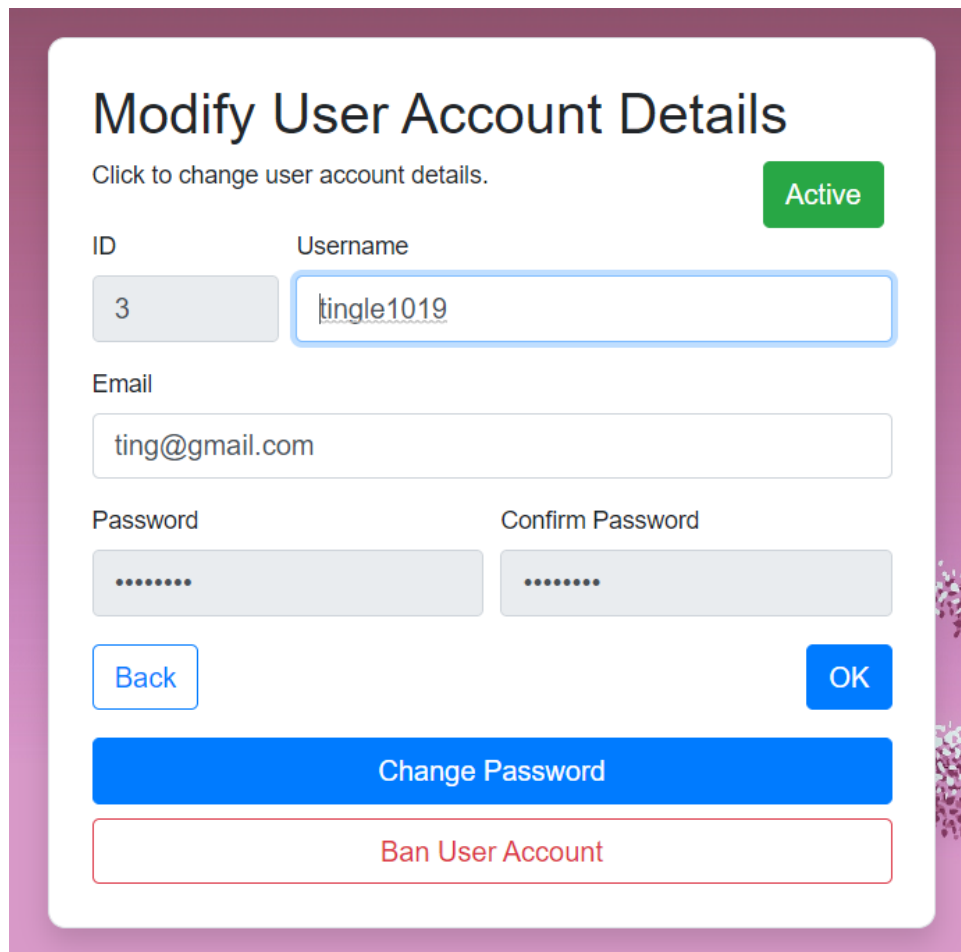
12. User Account Handling

If you want to modify the details of the user account, you will first need to navigate to the user account section through the side bar. The process is similar to the admin account with the exception of the accounts belong the users instead of the admin. The table is the same with the admin section with it being users.

No	Id	Username	Email	Created Time	Status	
1	3	tingle1019	ting@gmail.com	2021-09-11 11:42:18	Active	Modify
2	4	godzilla	godgod55@gmail.com	2021-09-11 11:47:38	Active	Modify
3	5	momo88	momo88@gmail.com	2021-09-12 14:31:11	Active	Modify
4	6	godprogrammer	god@gmail.com	2021-09-12 14:56:54	Active	Modify
5	7	tllee2687	tllee2687@gmail.com	2021-09-13 13:54:12	Active	Modify
Showing 5 out of 5 records						Add new member
<< >>						

Figure 26: shows the user member table page

You can modify the account fairly similar to the admin account, all you have to do is to click the modify button at the end of the account that you want to modify. And you will be directed to a modifying page similar to the admin modify page.



Modify User Account Details

Click to change user account details.

Active

ID: 3

Username: tingle1019

Email: ting@gmail.com

Password:

Confirm Password:

[Back](#) [OK](#)

[Change Password](#)

[Ban User Account](#)

Figure 27: shows the user modify page

You can change the username and the password of the user account in this page. You can also ban and unbanned the account if you want to. However, you will not be able to modify the account if it's banned. There is a button labeled change password where you will be directed to a new page to change the password.

Change Account Password

Only correct old password will allow you to change the password.

ID Username

3 tingle1019

Email

ting@gmail.com

Old Password

Enter here

New Password Confirm Password

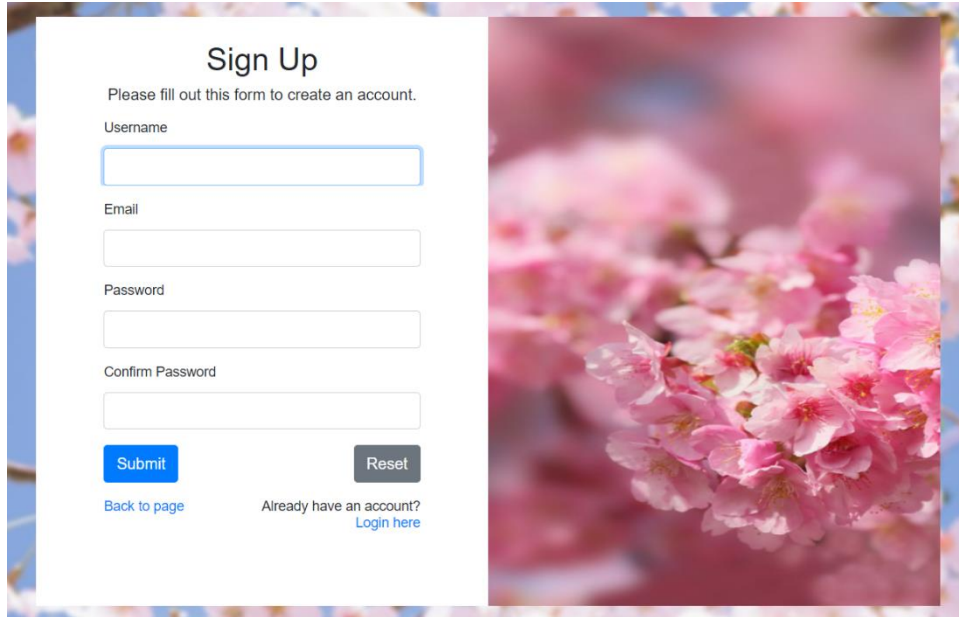
Enter here Enter here

Back OK

Figure 28: shows the user password change page

13. User Account Adding

If you want to add a new user account through the admin page, you are able to do so by clicking the add new member button. The button will direct you to a register user account where you can create a new user account.



Sign Up

Please fill out this form to create an account.

Username

Email

Password

Confirm Password

[Back to page](#)
[Already have an account? Login here](#)

Figure 29: shows the user member register page

14. Event Handling

If you want to handle the event like modify and add a new event, you are able to do so through navigating to the event by the side bar. You can find a list of events that have been added in a table form with modify button at the end of the row.

No	Id	Event Name	Created Time	Start & End Date	Start & End Time	Location	Total Quantity	Price	Image Name	Status	Person-In-Charge	
1	1	Tea Ceremony Event	2021-09-11 12:36:24	2021-09-21 to 2021-09-26	08:30 to 19:30	77, Lorong Lembah Permai 3, 11200 Tanjung Bungah, Pulau Pinang (Stadium A)	50/0	10	Eventtea-PixTeller.png	Cancelled	admin1	<input type="button" value="Modify"/>
2	2	Kimono Wearing Ceremony	2021-09-11 12:41:30	2021-10-09 to 2021-10-19	09:00 to 22:00	77, Lorong Lembah Permai 3, 11200 Tanjung Bungah, Pulau Pinang (Stadium B)	350/315	35	Kimono1-PixTeller.png	Ongoing	admin1	<input type="button" value="Modify"/>
3	3	Tea Ceremony Event	2021-09-11 12:45:28	2022-01-06 to 2022-01-12	18:00 to 00:00	77, Lorong Lembah Permai 3, 11200 Tanjung Bungah, Pulau Pinang (Stadium C)	300/295	15	Omatsuri-PixTeller.png	Ongoing	admin1	<input type="button" value="Modify"/>
Showing 3 out of 3 records												<input type="button" value="Add new event"/>
<input type="button" value=" <<"/> <input type="button" value=" >>"/>												

Figure 30: shows the event table page

You are able to change the details of the event by clicking the modify button of the event that you wish to modify. It will direct you to a page where you can select the details that you want to change.

Click the field to modify.

Event Name	Tea Ceremony Event			>
Start Date	2021-09-21	End Date	2021-09-26	>
Start Time	08:30	End Time	19:30	>
Location	77, Lorong Lembah Permai 3, 11200 Tanjung Bungah, Pulau Pinang (Stadium A)			>
Total Quantity	50	Price	RM 10.00	>
Image Pathname	Eventtea-PixTeller.png			>
Status	Cancelled			>

Figure 31: shows the event modify page

In the page you can choose to change the details that you want by clicking the > button at the end of each detail. When clicking it will direct you to change the detail of the page. And after you submit you successfully changed the details.

Event Name

Enter new event name.

BackSubmit

Figure 32: shows one of the event details modify page

15. Add New Event

If you want to add new event, you can do so by navigate to the event at the side bar and clicking the add new event at the bottom of the table.

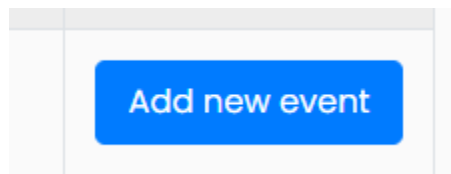
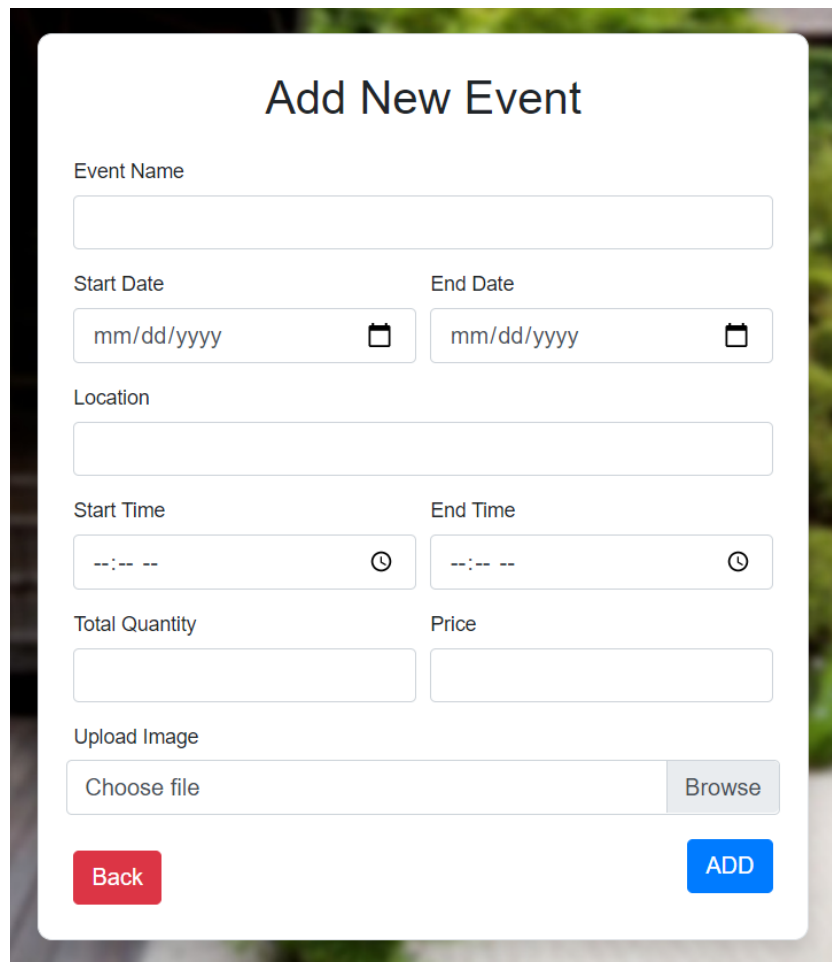


Figure 33: shows the add new event button

When you click it, you are directed to a new page where there are input fields for you to fill in. And when you are done filling it, you will see an alert saying that you are done adding the event and redirected back to the event page.

The image shows a web form titled "Add New Event". It contains several input fields: "Event Name" (a single-line text box), "Start Date" and "End Date" (each with a date picker icon and placeholder "mm/dd/yyyy"), "Location" (a single-line text box), "Start Time" and "End Time" (each with a time picker icon and placeholder "--:-- --"), "Total Quantity" and "Price" (single-line text boxes), and "Upload Image" (a file upload area with a "Choose file" button and a "Browse" button). At the bottom, there are two buttons: a red "Back" button and a blue "ADD" button.

Add New Event

Event Name

Start Date End Date

mm/dd/yyyy mm/dd/yyyy

Location

Start Time End Time

--:-- -- --:-- --

Total Quantity Price

Upload Image

Choose file Browse

Back ADD

Figure 34: shows the add new event form page

16. Cancelling User Orders

If you want to cancel orders made from users, you have to go to the order at the side bar and you will see the orders made with checkboxes beside them.

Status	Delete
Successful	<input type="checkbox"/>
Successful	<input checked="" type="checkbox"/>
Cancelled	<input type="checkbox"/>
Successful	<input checked="" type="checkbox"/>
Cancelled	<input type="checkbox"/>
Successful	<input type="checkbox"/>
Successful	<input type="checkbox"/>
	<button>Cancel Order</button>

Figure 35: shows the checkboxes

Now you have to do is check the boxes of the orders you want to cancel and click the on the cancel button at the bottom of the table. Then you are done canceling orders.

Status	Delete
Successful	<input type="checkbox"/>
Cancelled	<input type="checkbox"/>
Cancelled	<input type="checkbox"/>
Cancelled	<input type="checkbox"/>
Cancelled	<input type="checkbox"/>
Successful	<input type="checkbox"/>
Successful	<input type="checkbox"/>
	Cancel Order

Figure 36: shows the orders canceled

Chapter 2: Society Feedback

2.1 President

2.1.1 Strengths

The strengths of this website are that the logic and the process for each action is refined and easy. Nothing too complicated that might slow the system down and nothing too overbearing for the admins to handle the website.

2.1.2 Weakness

The weakness of this website that is the website is a bit too barebone. The designs are too simple and minimalistic. The user might feel that the website is too empty and dry as the color scheme are not as flashy and the rest of the websites out there.

2.1.3 Improvements

The improvements that the website needed is definitely the design of the website. More transitions and better color scheme would be better to put extra colors on the website.

2.1.4 Able to use by society?

Yes. However, with some improvement implemented in the website, it will certainly be a better website that will provide a better experience for the users.

2.1.5 Ready to deploy?

Yes. As all of the functions and the process of the website are clear and done. Users are able to enjoy the website freely without expecting an error showing up.

2.2 Vice President

2.2.1 Strengths

From what I observe from the creation of the website is that the function and process are well define. The process is clear and there are functions that users will benefit from. There are tiny details within the website that made the website easy and pleasing to use.

2.2.2 Weakness

The weakness of the website is that the although the functions are a lot and refined, they are rushed due to the lack of time and we lack full understanding on how the functions really work so we can manipulate the code to enhance their use to suit our website better.

2.2.3 Improvements

The flexibility of the design for different screen size. There are problems as the members doing the website has different screen sizes and we emphasize more for the 15” inch screen size as the majority of the members is using a laptop screen. With more time, we can definitely make the design flexible with different screen sizes.

2.2.4 Able to use by society?

Yes, as all of the process are usable.

2.2.5 Ready to deploy?

Yes, but it won't be pleasant for the users with different screen sizes.

2.3 Treasurer

2.3.1 Strengths

As the treasurer, I also perform my duties as a committee member by running the entire project. In the process, I observed two advantages that attracted me. The first advantages are about the shopping cart. Therefore, in the shopping cart function, I can add multiple orders to the shopping cart, which is very convenient because I don't need to rerun the process multiple times because it can be completed in one shot. Moreover, when current event tickets are sold out, the webpage will prevent me from buying them by marking the current event status as "sold out". This can prevent the system from facing logical problems, and it can also avoid too much involvement in current event

The second advantage of this project is the verification of the card number during the payment process. Therefore, the project currently provides two payment methods, namely Visa and Master Card. For Visa cards, the acceptable result is a prefix number starting with 4 and 51 is the prefix number of the Master card. If the card starts with the wrong prefix number, an error will be displayed to the user. For the CVV number, the new CVV number on the new card will be allowed to make payments, but if I use the same card, if the entered CVV number is different from the previous one, I will receive an error message. These verifications are very useful because it prevents users from accidentally using other member cards.

2.3.2 Weakness

Therefore, for the weak part, I only observed one, and that is the lack of search function. During the operation, I tried to find a specific event manually, but it was very difficult. I found that the project did not provide a function to help me find the event. Therefore, in order to solve this situation, I suggest that the administrator provide a search function that can help users find specific events.

2.3.3 Improvements

In the weakness part, I mentioned that the entire project lacks a search function, so I would suggest that the administrator add a search function during this improvement part. So, for the search function, the administrator can simply apply it by filtering the results by comparing with the entered text words. The system will directly display the results containing the input text. Or to make it more advanced, the administrator can categorize the most common search results into multiple tags. By clicking on the tag, the system will display items or events related to the current tag. After applying this function, I believe users will be more satisfied because the process becomes more convenient.

2.4 Committee member

2.4.1 Strengths

After running the entire project, I found two advantages that appealed to me. First of all, the web page provides a convenient function, namely the forget password function. This function process by sending a onetime password to me when I clicked the “submit” button in the “forget-password” page. Before receiving the OTP number, I need to enter his stored email in the database. The system will use the email stored in the database to verify the email. If no matching result is found, an error will be displayed to the me. If the email is successfully verified, the OTP link will be sent to my email. By enter the provided link, I will link to the “reset-password” page. After entered the OTP number, I will be able to reset the password. This feature is very convenient because it can prevent users from losing my account and password forever.

The second advantages that appealed to me is the design of the customer side pages. On the project's homepage, it showed me a lot of information about Japan in many ways. These ways include video, text, slides or graphics. Users can enjoy page content in all formats. The page header and footer are also very attractive, especially the footer. When I hover over the footer, some animation is applied to the footer. The next part is about slideshows, which can be controlled manually or automatically. I can click the button below it to change the slide, or the slide will automatically switch to the next slide. By observing this design, I can say that this is a powerful advantage of the project, because users may only pay attention to the design of the page when they first enter this page. These designs can help retain the user and help him further explore the project.

2.4.2 Weakness

So, in terms of advantages, I say that client-side design is a strong advantage of the project, but for admin side, design cannot be said to be bad, but I think it contains some weaknesses. Therefore, for the account tab in the sidebar, I think its design is very simple, because it only contains text and an icon, I do think it has more ways to improve the design of this profile picture. So, for the whole project, this is a weakness that I can observe after the review process.

2.4.3 Improvements

So, in terms of weaknesses, I mentioned that the design of the account tab on the management side can be improved. So, in order to improve this, I suggest that a profile picture can be added to the available account tab. Administrators can select their own pictures from their gallery and upload them to the system. After that, the uploaded image will be used in the design frame outside the account tab. By applying this feature, the design of the account tab will look more beautiful and attractive compared to the old version.

Group Assignment: Marking Rubric

Student Name:	Lee Ting Le, Cheah Wen Xian, Mikael Koay, Yip Fan	Total Mark:	
Programme / Group	DFT5 / 1	100%	

Prototype

NO	CRITERIA	TOTAL MARK	Poor	Average	Good	Excellent	MARK
1.	Web design, System Prototype and HTML Form Controls	30	<p>0 – 7 marks</p> <p>Poor design website, not related to the society and event, difficult to view the information.</p> <p>Poor web prototype shows minimal part of the usability and functional of the system.</p> <p>HTML form controls are used</p>	<p>8 – 16 marks</p> <p>Poor design website, but easy to view the information.</p> <p>Average web prototype shows some of the usability and the functioning of the system</p> <p>Few of the right HTML form controls are</p>	<p>17 - 25 marks</p> <p>A good and consistent website. Easy to view the information.</p> <p>Good and detailed web prototype shows the complete usability and the functioning of the system</p> <p>Most of HTML form controls are used</p>	<p>26 – 30 marks</p> <p>Excellent, consistent, and attractive website.</p> <p>Excellent and detailed System prototype shows the complete usability and the functioning of the system.</p> <p>All HTML form controls are well structured and the</p>	

			inappropriately. Fail to minimize input errors.	used correctly. Able to minimize some of the input errors.	correctly. Able to minimize most of the input errors.	right HTML controls are used correctly to minimize most of the input errors.	
		30					TOTAL MARK:

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AMIT2043 Web Systems and Technologies Assignment: Marking Rubric

System

NO	CRITERIA	TOTAL MARK	Poor	Average	Good	Excellent	MAR K

1.	Database	10	0 – 2 mark Poor database design. Some fields are missing. Field properties are not set (i.e. left to default).	3 – 5 marks Average database design with all fields. Some field properties are not set accordingly.	6 – 8 marks Good database design with all fields and appropriate properties (field size, data type, etc).	9 – 10 marks Good database design with correct relationship defined.	
2.	Functionality :- Listing, Insert, Update, Delete, Search and Filter	30	0 – 7 marks Many requirements are not achieved. Module does not work as expected or contains a lot of flaws.	8 – 16 marks Few requirements are not achieved. Module still works with little or some acceptable flaws.	17 – 25 marks All requirements are achieved. Module works as expected. But no enhancement added.	26 – 30 marks All requirements are achieved. Module works perfectly. Enhancements are added.	
3.	Programmin g Logic and Style	10	0 – 2 marks Poor programming logic. Source codes are not readable and hard to understand. Variable names are not meaningful. Standard	3 – 5 marks Average programming logic. Source codes are less readable and need more time to understand. Most of the variable names are meaningful. Standard and convention are followed sometimes. Comments are used.	6 – 8 marks Good programming logic. Source code is structured, effective, readable, and easy to understand. Variable names are meaningful. Standard and convention are followed. Comments are used.	9 – 10 marks Very good programming logic. Source code is very well-structured, effective, well-tested, highly readable, and easy to understand. Variable names are meaningful. Standard and convention are followed.	

			and convention are not followed. No comments are used.			Comments are used appropriately.	
4.	Usability	10	0 – 2 marks Poor society/event management system, very minimal functions. Not user friendly and	3 – 5 marks Average society/event management system, average functions added. Easy to use.	6 – 8 marks Good user experience in society/event management system. Useful functions added.	9 – 10 marks Excellent user experience in society/event management system. Excellent functions	

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AMIT2043 Web Systems and Technologies Assignment: Marking Rubric

NO	CRITERIA	TOTAL MARK	Poor	Average	Good	Excellent	MARK
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			hard to use. Not ready to deploy and not able to use by the society.	Not ready to deploy and a lot of improved need to be used by the society.	User friendly and easy to use. Able to deploy and be used by the society with minimal improvement.	added. Very user friendly and easy to use. Ready to deploy and used by the society.	
5.	Additional Features	10	0 – 2 marks No or very primitive features are added, which require no or only a little coding effort.	3 – 5 marks Simple features are added, which are easy to implement, and work well.	6 – 8 marks Features added are useful, required some coding efforts, and are implemented correctly.	9 – 10 marks Features added are very useful, required a lot of coding efforts, and are implemented perfectly.	
		70	TOTAL MARK:				

Additional Feedback (if any):

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[key#:~:text=And%20array values%20\(\)%20returns%20an,current%20one%20has%20key%20555.](https://stackoverflow.com/questions/4792673/php-get-previous-array-element-knowing-current-array-key#:~:text=And%20array%20values%20()%20returns%20an,current%20one%20has%20key%20555)

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