

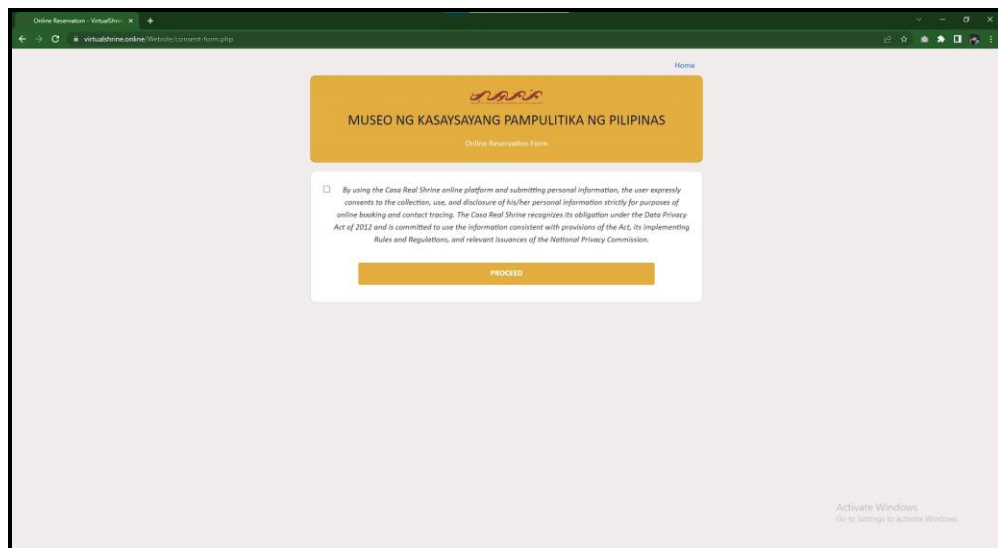
## CHAPTER IV RESULTS AND DISCUSSION

The main purpose of this chapter is to provide the presentation, analysis and interpretation of data that has been categorized in accordance with the sequence of questions enumerated in the first chapter. All of the data collected from the evaluators were presented in tabular form with corresponding discussion and explanation of the findings obtained.

### Part I. Development of VirtualShrine: An interactive museum website for Casa Real Shrine

Over time, museums continue to be forgotten by people, so some of them do not know about the importance of history. One of them is the Casa Real Shrine of Malolos. Because of the continuous advancement of modern technology, some of what can be seen in the museum can also be seen on the internet, the proponents have looked for a way so they introduced the “Virtual Shrine” a website that people can use to see what’s inside of the Casa Real Shrine and can book for their visit via online booking.

#### 1.1 Online Booking Reservation

The image shows a web browser window displaying the 'Online Reservation - VirtualShrine' page. The URL in the address bar is 'virtualshrineonline.virtualshrine.com/booking-consent-form.php'. The page has a light purple background. At the top center, there is a yellow rectangular box containing the logo of the Museo ng Kasaysayang Pampulitika ng Pilipinas (Museum of Philippine Historical Research) and the text 'MUSEO NG KASAYSAYANG PAMPULITIKA NG PILIPINAS' and 'Online Reservation Form'. Below this box is a white rectangular box containing a checkbox and a paragraph of text: 'By using the Casa Real Shrine online platform and submitting personal information, the user expressly consents to the collection, use, and disclosure of his/her personal information strictly for purposes of online booking and contact tracing. The Casa Real Shrine recognizes its obligation under the Data Privacy Act of 2012 and is committed to use the information consistent with provisions of the Act, its implementing Rules and Regulations, and relevant issuances of the National Privacy Commission.' Below the text is a yellow 'PROCEED' button. In the bottom right corner, there is a small text that says 'Activate Windows Go to Settings to activate Windows.'

**Figure 59. Booking Consent Form**

Figure 59 displays the Booking Consent Form page. This page contains a statement regarding the collection of the visitor’s booking information. This page is required because the visitor will have to provide their personal information. By checking the consent for checkbox, the visitor consents the collection of their information.

Online Reservation - VirtualForm

MUSEO NG KASAYSAYANG PAMPULITIKA NG PILIPINAS

Online Reservation Form

Date of Visit\*  Session\*  No. of Visitor\*

Name of Representative

First Name\*  Last Name\*

Email\*  Mobile Number\*

Attach ID\*

No file chosen

Name of Company/Agency (if applicable)

Activate Windows  
Go to Settings to activate Windows

**Figure 60. Booking Form**

This figure 60 displays the Booking form where the visitor could fill out all of the required fields such as Date of Visit, Session, Number of Visitors, First Name, Last Name, Email, Mobile Number, and attach a screenshot of their valid ID to confirm the user's booking for the date.

Online Reservation - VirtualForm

MUSEO NG KASAYSAYANG PAMPULITIKA NG PILIPINAS

Online Reservation Form

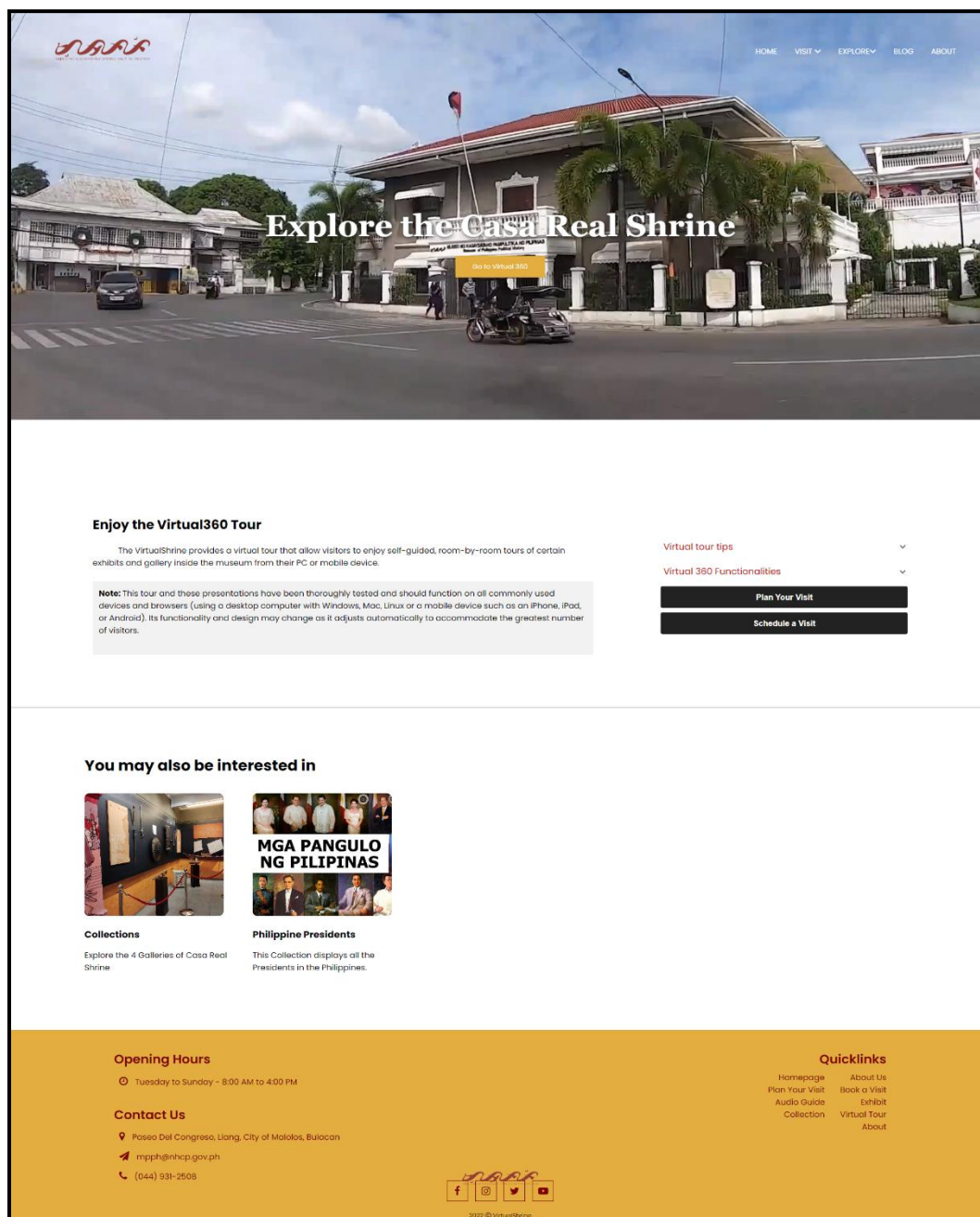
Thank you! Your reservation is now being processed. Please expect a confirmation receipt which will be sent to your email. Kindly also check your spam folder. If in case you did not receive a confirmation, please contact (044) 911-2508 or email myph@nlap.gov.ph

Activate Windows  
Go to Settings to activate Windows

**Figure 61. Booking Submitted Confirmation Page**

Figure 61 displays the confirmation page that the visitor's booking is submitted successfully and reviewed by the administrator if all the details that the visitor provided are valid.

## 1.2 Virtual Museum Tour



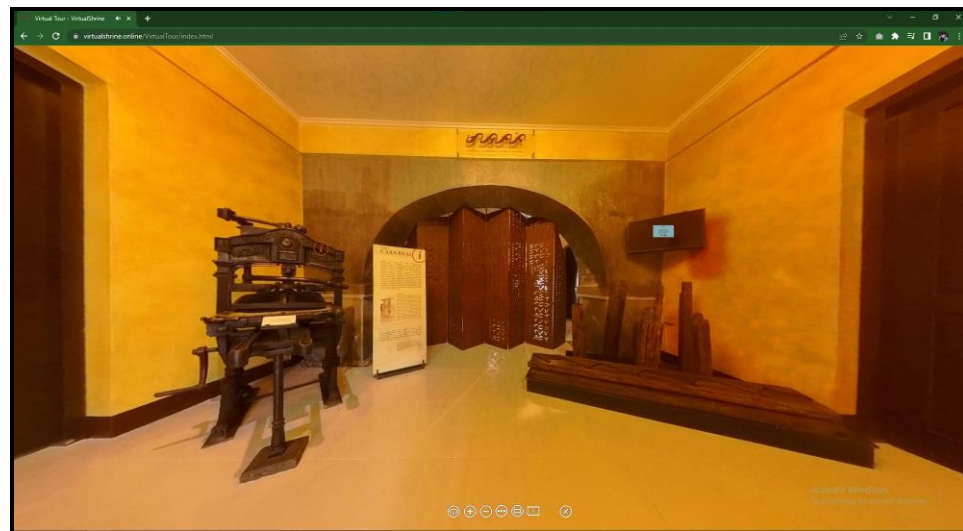
**Figure 62: Access to the Virtual Tour Page**

One of the main features of the website is the Virtual 360, visitors can interact in the museum virtually meaning if they want to visit the museum, they can check it first on the website using this 360 features. Figure 62 displays the page before accessing the main features of the website which are indicated in the next figures.



**Figure 63. Casa Real Shrine Virtual 360**

Figure 63 displays the landing page when the user opens the virtual tour. This page reflects the main gate of the Casa Real Shrine, the yellow Door icon is the hotspot for the user to access figure 63 or the lobby of the museum. At the bottom part of, the screen displays the controller for the virtual tour. This helps the user to familiarize themselves with the virtual 360 and navigate it easily. This controller includes Zoom In, Zoom Out, Auto Rotate, Show User Date, Thumbnail Menu, enter to full screen, and exit to virtual tour.



**Figure 64. Casa Real Shrine Lobby Virtual 360**

Figure 64 displays the first room of the museum after entering the building. The Visitor can swipe from left and right to view the surroundings of the room and to interact with other hotspots they can use for other information of the museum. The hotspot where the visitor can use to interact with the display in the museum. If the visitor presses the hotspot, the system will display a pop-up with the definition of the display.

## 1.3 Gallery Collections



### Explore the 5 Galleries at the Casa Real Shrine

The VirtualShrine collection tells our nation's shared political history.

The scope of objects in VirtualShrine's collection is staggering - relics from the First Philippine Republic, memorabilia of Gen. Emilio Aguinaldo, relics from the wealthy families of Malolos, exhibits, a printing press of the Malolos Republic, and a display of the 21 Women of Malolos memorabilia.

### Sorry, we are close!

**Address:** RRV6+PJC, Paseo del Congreso, Plaza Rizal, Malolos, 3000 Bulacan

**Hours:** 8:00 AM - 4:00 PM

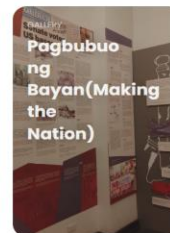
**Closed:** Monday

[Plan Your Visit](#)

[Schedule a Visit](#)

## Start Exploring the Collections

Witness the Political History of the Philippines through the VirtualShrine's Collection of relics, photographs and artifacts. The Galleries tells the long history of the Philippines from pre-colonial times upto the events under the rule of colonizers and the tenure of the past presidents of the Philippines



### Opening Hours

Tuesday to Sunday - 8:00 AM to 4:00 PM

### Contact Us

Paseo Del Congreso, Liang, City of Malolos, Bulacan

[mpph@nhcp.gov.ph](mailto:mpph@nhcp.gov.ph)

(044) 931-2508

### Quicklinks

[Homepage](#)

[Plan Your Visit](#)

[Audio Guide](#)

[Collection](#)

[About Us](#)

[Book a Visit](#)

[Exhibit](#)

[Virtual Tour](#)

[About](#)

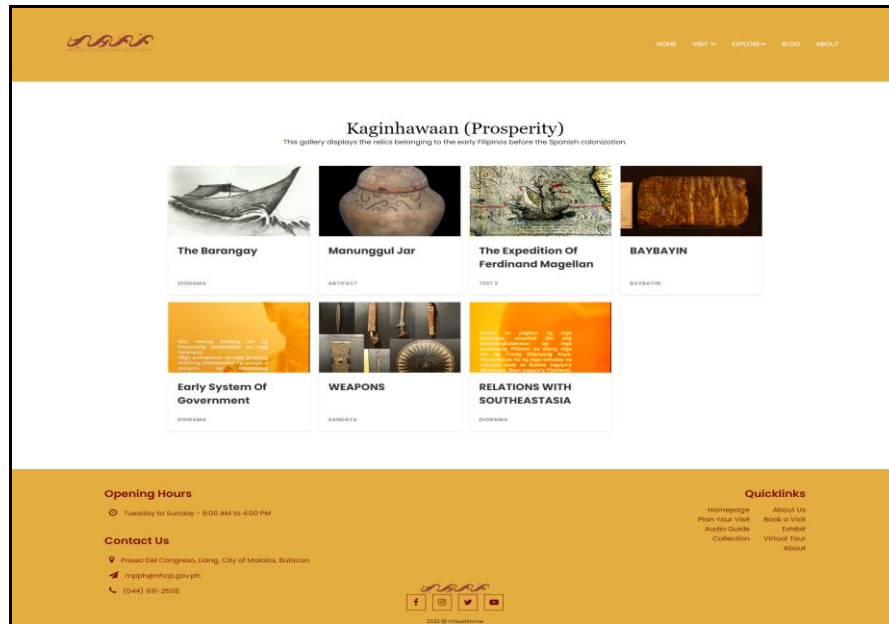


2022 © VirtualShrine

**Figure 65. Galleries**

Figure 65 displays the 4 galleries in the museum. Every cards lead to different rooms in the museum like Kaginhawaan(Prosperity), Paniniil(Oppression), Pagbabagong-puri(Revolution), Pagbubuo ng bayan(Making the nation).





**Figure 66. Galleries Collections**

Figure 66 displays the gallery Collections and the different displays found inside the gallery.



**Figure 67. Display Description**

Figure 67 display information about the display. Visitors can also download and print the artifact picture and description but with website mark to avoid plagiarism and copyrights.

## 1.4 User Assisting Features

**Plan Your Visit**

General Admission Visitor Guidelines Location

### General Admission

**The Admission is Free**

You are advised to book a scheduled slot in advance to guarantee entry and help control the number of individuals who can visit. Walk-in visits are available each day for those who arrive at the Museum without booking in advance. But walk-in entry cannot be guaranteed because catering number of visitors depends on the capacity. Please speak to a staff upon your arrival to inquire about availability.

Upon entry to the museum, make sure to prepare a copy or a screenshot of the booking confirmation sent to your email, and a valid ID to show the guard in order to confirm your scheduled visit.

### Visitor Guidelines

We look forward to welcoming you to Casa Real Shrine! Please review our visitor guidelines outlined below prior to your visit. By visiting in person, you agree to abide by these policies, and Casa Real Shrine reserves the right to ask visitors who do not follow these guidelines to leave the Museum's premises.

#### Health And Safety

The safety of our staffs and visitors are at the top of our priority. The Museum has updated its visitor guidelines and regulations to help keep you safe. Please be assured that the Casa Real Shrine is following guidelines issued by Department of Tourism (DOT) for increased health and safety procedures.

- Masks are recommended
- If you are unable to visit us in person, please see below for more information on the wide range of virtual resources that you can enjoy from home. We will be here to welcome you when you are able to return.
- An inherent risk of exposure to COVID-19 exists in any public space where people are present. We cannot guarantee that you will not be exposed to COVID-19 during your visit to The Casa Real Shrine. Those visiting The Casa Real Shrine do so at their own risk of such exposure.

#### Staff at Your Service

The Casa Real Shrine's expert team of dedicated staff is here to help if you have any questions or concerns during your visit. So they can provide you with great service, remember that:

- The principles of diversity, inclusion, and equal access apply to all aspects of The Casa Real Shrine's operations, across all categories of individuals.
- Verbally abusive, harassing, discriminatory, or threatening statements or behavior toward Casa Real Shrine staff or other visitors is prohibited.
- Please follow the instructions of security officers.

The Casa Real Shrine reserves the right to refuse or revoke the admission of any visitor whose conduct violates these guidelines.

### Location and Hours

**Sorry, we are close!**

**Address:** RRVS+PJC, Paseo del Congreso, Plaza Rizal, Malolos, 3000 Bulacan

**Hours:** 8:00 AM - 4:00 PM

**Closed:** Monday

**Opening Hours**

Tuesday to Sunday - 8:00 AM to 4:00 PM

**Contact Us**

Paseo Del Congreso, Liang, City of Malolos, Bulacan

mpchp@nhcp.gov.ph

(044) 931-2508

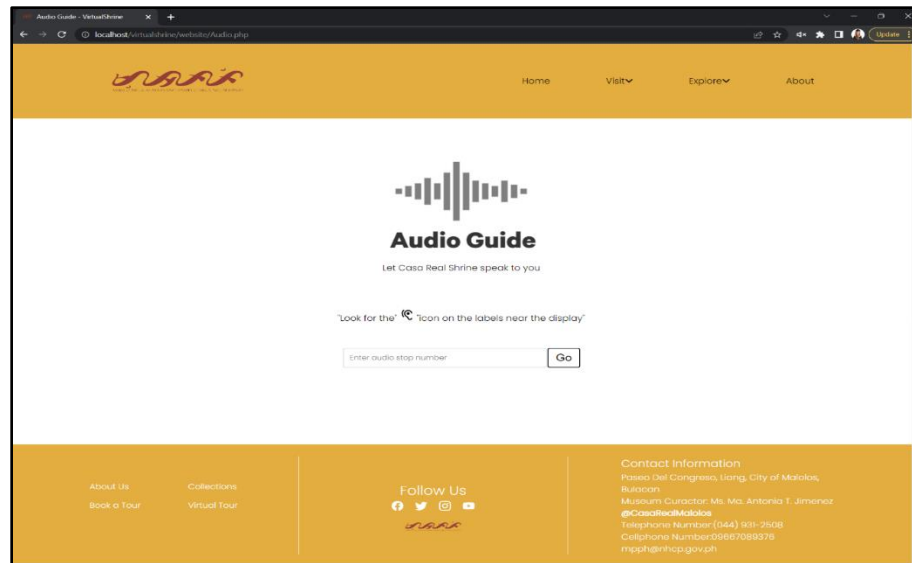
**Quicklinks**

Homepage About Us  
Plan Your Visit Book a Visit  
Audio Guide Exhibit  
Collection Virtual Tour  
About

2022 © virtualshrine

**Figure 68. Plan Your Visit Page**

Figure 68 displays the general information regarding the operation of Casa Real Shrine such as the operation time and day, and Health and Safety Guidelines that is being implemented in the museum.



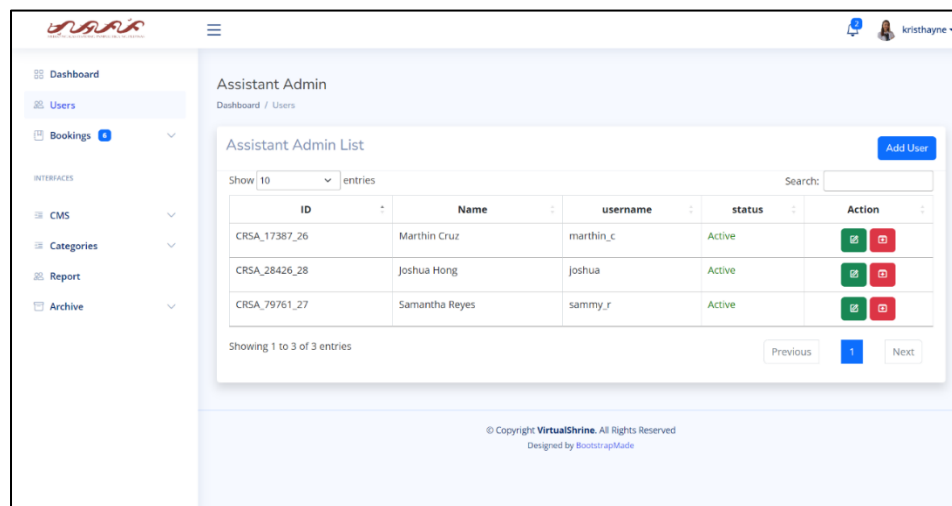
**Figure 69. Audio Guide**

Figure 69 displays the audio guide page. To access the audio guides for each display, the user will have to input the audio stop number on the textbox provided .

## Part II. To design and develop a Management System

In order to better manage the website content and allow admins to upload and modify the contents seen on the website, a Management System was developed.

### 2.1 Manage User Admins



**Figure 70. User Management**

Figure 70 shows the user management panel. This is where the super admin can able to view all the assistant admins. This page displays a table containing the user information ID, Name, Username, and their Status. The action buttons, edit and archive is also available.



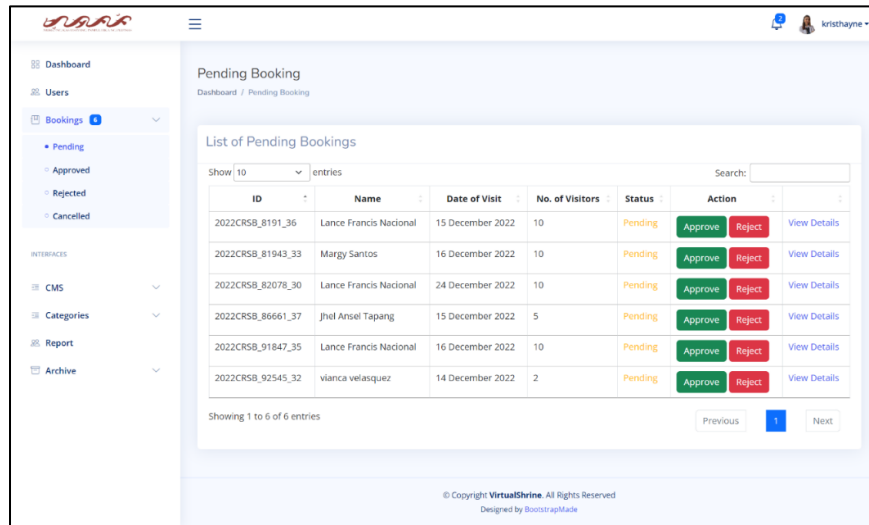
**Figure 71. Edit User Information**

Figure 71 displays the Edit User Information form. This is the form where the Super Admin can make modifications or changes to the user information. The admin can make any alterations they wish to the user information by simply changing the value in the text area.

**Figure 72. Add New User**

Figure 72 displays the Add User Information form. This is the form where the Super Admin can add the information of the new admin.

## 2.2 Accept and Reject Visitor Booking



Pending Booking

Dashboard / Pending Booking

List of Pending Bookings

Show 10 entries

ID	Name	Date of Visit	No. of Visitors	Status	Action
2022CRSB_8191_36	Lance Francis Nacional	15 December 2022	10	Pending	<a href="#">Approve</a> <a href="#">Reject</a> <a href="#">View Details</a>
2022CRSB_81943_33	Margy Santos	16 December 2022	10	Pending	<a href="#">Approve</a> <a href="#">Reject</a> <a href="#">View Details</a>
2022CRSB_82078_30	Lance Francis Nacional	24 December 2022	10	Pending	<a href="#">Approve</a> <a href="#">Reject</a> <a href="#">View Details</a>
2022CRSB_86661_37	Jhel Ansel Tapang	15 December 2022	5	Pending	<a href="#">Approve</a> <a href="#">Reject</a> <a href="#">View Details</a>
2022CRSB_91847_35	Lance Francis Nacional	16 December 2022	10	Pending	<a href="#">Approve</a> <a href="#">Reject</a> <a href="#">View Details</a>
2022CRSB_92545_32	vilanca velasquez	14 December 2022	2	Pending	<a href="#">Approve</a> <a href="#">Reject</a> <a href="#">View Details</a>

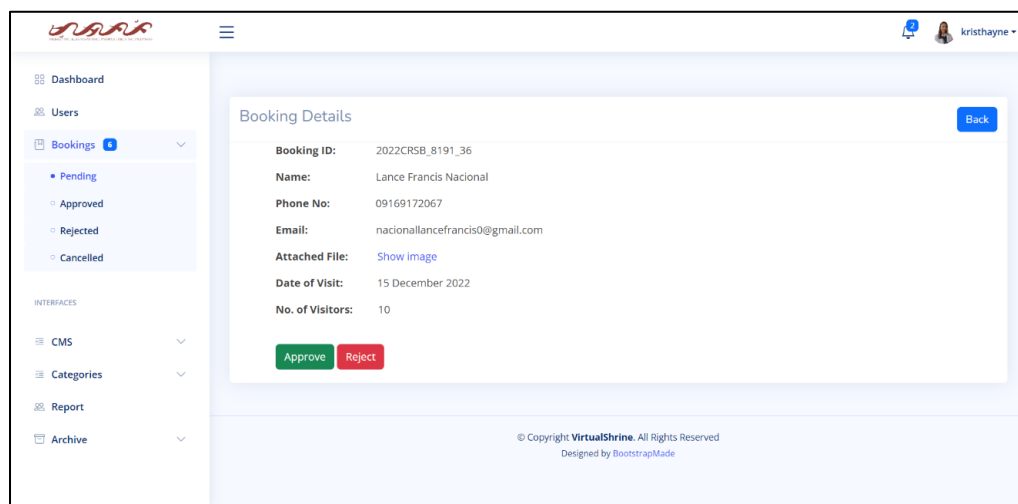
Showing 1 to 6 of 6 entries

Previous 1 Next

© Copyright VirtualShrine. All Rights Reserved  
Designed by BootstrapMade

**Figure 73. View all Pending Booking**

In Figure 73, a table displays the pending bookings, including the Booking ID, Name of Visitor, Date of Visit, Number of Visitors, and status of the booking. For additional information, the admin can click “View Details”.



Booking Details

Booking ID: 2022CRSB\_8191\_36

Name: Lance Francis Nacional

Phone No: 09169172067

Email: nacionallancefrancis0@gmail.com

Attached File: [Show image](#)

Date of Visit: 15 December 2022

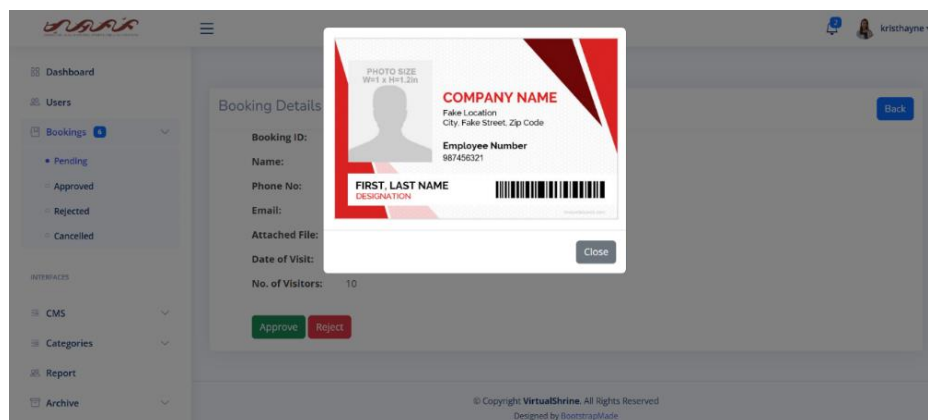
No. of Visitors: 10

[Approve](#) [Reject](#)

© Copyright VirtualShrine. All Rights Reserved  
Designed by BootstrapMade

**Figure 74. View More booking details**

Figure 74 displays the page where the complete booking information is displayed. This page displays the Booking ID, Name, Phone No., Email, Attached File, Date of Visit, and Number of Visitors. The admin can also perform an action on this page either to approve or reject the booking.



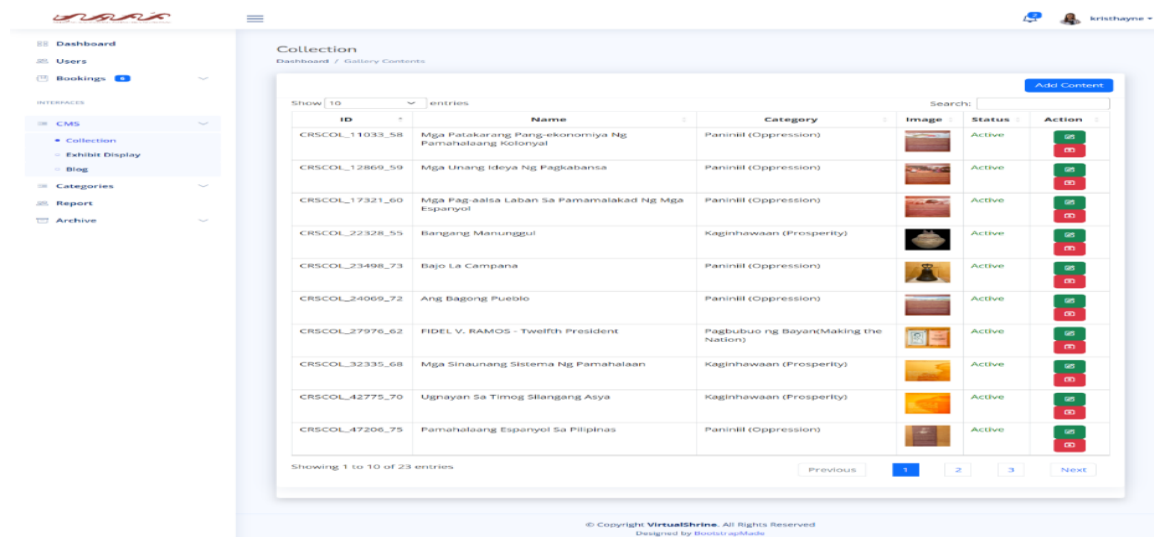
**Figure 75. View More booking details**

Once the admin clicks the "show image" button, Figure 75 displays the page response. This feature is used to allow admins to verify the legitimacy of the attached ID.

## 2.3 Upload Website Content

This module is the CMS of the Management System. This allows admins to upload and modify website contents.

### 2.3.1 Collections



**Figure 76. Content Management System - Collections**

In Figure 76, the Collection CMS is shown. It includes a table that provides information about the collection, such as its ID, title, the gallery it belongs to, a preview image, and its status. There are also action buttons for editing and archiving.

**Edit Content** [Back](#)

Gallery list  
Kaginhawaan (Prosperity)

Slug (URL)  
Mga-Sinaunang-Sistema-ng-Pamahalaan

Year  
14th to the 16th centuries

Type of Object  
diorama

Meta Title  
Mga Sinaunang Sistema ng Pamahalaan

Meta Description  
Mga Sinaunang Sistema ng Pamahalaan

Meta Keyword  
Mga Sinaunang Sistema ng Pamahalaan

Image  
Choose File No file chosen

Status - Check the box to set status as active ☒

Please provide the following information in **English**:

Name (English)  
Early System Of Government

Audio File (English)  
Choose File No file chosen

Description (English)

There were Wee known forms of political systems in the barangay

- Communities of ethnic groups led by a pangat lo, found mostly in the upland.
- Confederation of barangays headed by datos or rajas generally found on the plains and in coastal areas.
- Sultanates ruled by sultans, such as those in Suit, and Maguindaneo.

Please provide the following information in **Filipino**:

Name (Filipino)  
Mga Sinaunang Sistema Ng Pamahalaan

Audio File (Filipino)  
Choose File No file chosen

Description (Filipino)

May tatlong kilalang uri kaayusang pampulitika sa mga barangay.

- Mga pamayanan ng mga grupong etnikong pinamunuan ng pangat o pangulo, na karaniwang matatagpuan sa kabundukan.
- Buklod ng mga barangay na pinamunuan ng mga datu o raha, na kadalasang natagpuan sa kapatagan at mga baybayin.
- Mga sultanatong pinamunuan ng mga sultan, tulad ng sa Sulu at Magindanao.

[Update](#)

© Copyright VirtualShrine. All Rights Reserved  
Designed by BootstrapMade

**Figure 77. Content Management System – Edit Collection Information**

As seen in Figure 77, the Edit Collection form gives admins the ability to edit the collection's information.

**Add Content** [Back](#)

Gallery list  
-- Select Gallery --

Slug (URL)\*

Year\* Type of Object\*

Meta Title\*

Meta Description\* Meta Keyword\*

Image\*  
[Choose File](#) No file chosen

Status - Check the box to set status as active  
☐

Please provide the following information in **English**:

Name (English)\*

Audio File (English)\*  
[Choose File](#) No file chosen

Description (English)\*

Type your Description

Please provide the following information in **Filipino**:

Name (Filipino)\*

Audio File (Filipino)\*  
[Choose File](#) No file chosen

Description (Filipino)\*

Type your Description

[Post](#)

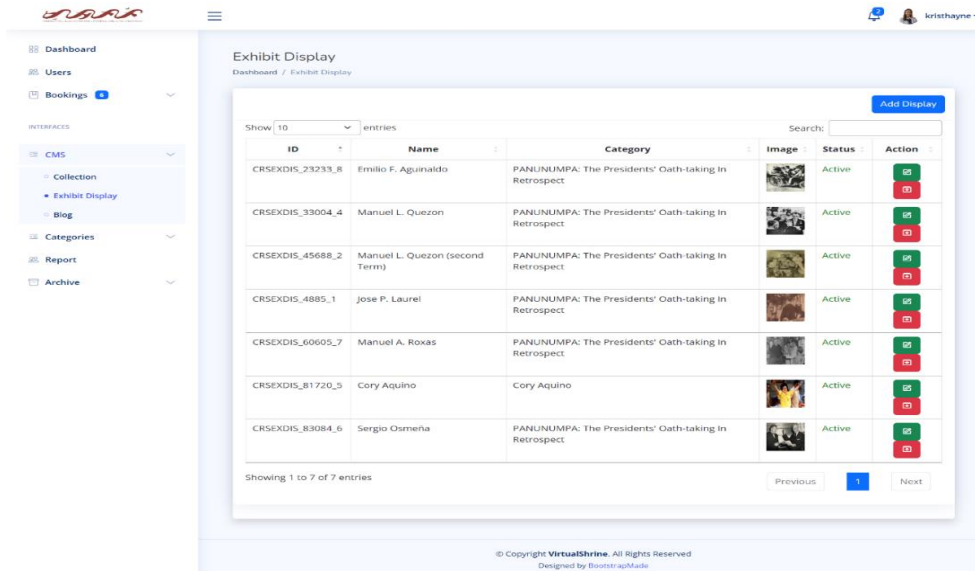
© Copyright VirtualShrine. All Rights Reserved  
Designed by BootstrapMade

**Figure 78. Content Management System – Add new Collection**

In Figure 78, the Add new Collection form is shown. This is where the admin can add new collection that can displayed on its respective gallery category on the website.

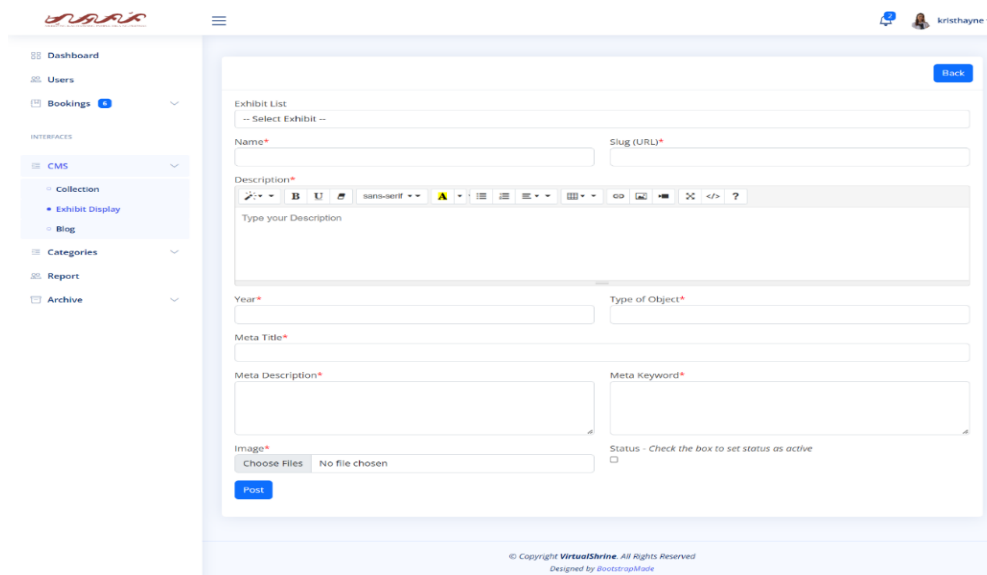


## 2.3.2 Exhibits



**Figure 79. Content Management System – Exhibit Display**

In Figure 79, the Exhibit Display CMS is shown. It includes a table that provides information about the Exhibit Display, such as its ID, Title or Name, the Exhibit it belongs to, a preview image, and its status. There are also action buttons for editing and archiving.



**Figure 80. Content Management System – Add new Exhibit Display**

In Figure 80, the Add new Exhibit Display form is shown. This is where the admin can add new Exhibit Display.

**Edit Exhibit Display**

Gallery list  
PANUNUMPA: The Presidents' Oath-taking in Retrospect

Name: Emilio F. Aguinaldo Slug (URL): emilio-f-aguinaldo

Description: "WE ARE NO LONGER INSURGENTS, WE ARE NO LONGER REVOLUTIONISTS, THAT IS TO SAY ARMED MEN DESIROUS OF DESTROYING AND ANNIHILATING THE ENEMY. WE ARE FROM NOW ON REPUBLICANS, THAT IS TO SAY, MEN OF LAW, ABLE TO FRATERNIZE WITH ALL OTHER NATIONS, WITH MUTUAL RESPECT AND AFFECTION. THERE IS NOTHING LACKING, THEREFORE, IN ORDER FOR US TO BE RECOGNIZED AS A FREE AND INDEPENDENT NATION."

Year: 23 January 1899 Type of Object: Photo

Meta Title: Emilio F. Aguinaldo

Meta Description: Emilio F. Aguinaldo

Meta Keyword: Emilio F. Aguinaldo

Image: Choose File No file chosen

Status: ☒ Check the box to set status as active

**Update**

© Copyright VirtualShrine. All Rights Reserved  
Designed by BootstrapMade

**Figure 81. Content Management System – Edit Exhibit Display**

As seen in Figure 81, the Edit Exhibit display form gives admins the ability to edit the Exhibit display information.

### 2.3.3 Blogs

**Blog**

Dashboard / Blog

Show 10 entries Search:

ID	Name	Image	Status	Action
CRSBLOG_11046_4	PLAZA MIRANDA: It's Legacy In Philippine Political History		Active	
CRSBLOG_44663_1	To The Young Women Of Malolos		Active	
CRSBLOG_76828_2	Casa Real Shrine Bulacan		Hidden	

Showing 1 to 3 of 3 entries

Previous 1 Next

© Copyright VirtualShrine. All Rights Reserved  
Designed by BootstrapMade

**Figure 82. Content Management System - Blog**

In Figure 82, the Blog CMS is shown. It includes a table that provides information about the Blog, such as its ID, Name, a preview image, and its status. There are also action buttons for editing and archiving.

**Create a New Blog Post**

Blog Title  Slug (URL)

Author

Description

Type your Description

Meta Title

Meta Description

Meta Keyword

Image  Choose Files No file chosen

Status - Check the box to set status as active ☐

**Post** **Back**

© Copyright VirtualShrine. All Rights Reserved  
Designed by BootstrapMade

### Figure 83. Content Management System – Create a Blog Post

In Figure 83, the Create a Blog form is shown. This is where the admin can add and upload new Blog posts.

**Edit Blog**

Name  PLAZA MIRANDA: It's Legacy in Philippine Political History Slug (URL)  plaza-miranda

Author  Kristine Joy Nacional

Description

At the heart of Quiapo is a public square known as Plaza Miranda named after Jose Sardino Miranda, who was Secretary of the Treasury between 1833 and 1854 during the Spanish colonial era. Inaugurated in its current form by Mayor Arsenio Lacson in 1961, it is the plaza which fronts the Minor Basilica of the Black Nazarene (Quiapo Church), one of the main churches of the City of Manila.

In the era of grand demonstrations and mass mobilizations, Plaza Miranda was described as "the crossroads of the nation, the forum of the land." President Ramon Magsaysay, arguably the most popular of our postwar chief executives, famously recognized the square as a gauge of public opinion

Meta Title  PLAZA MIRANDA: It's legacy in Philippine Political History

Meta Description  The history of Plaza Miranda

Meta Keyword  plaza miranda

Image  Choose File No file chosen

Status - Check the box to set status as active ☒

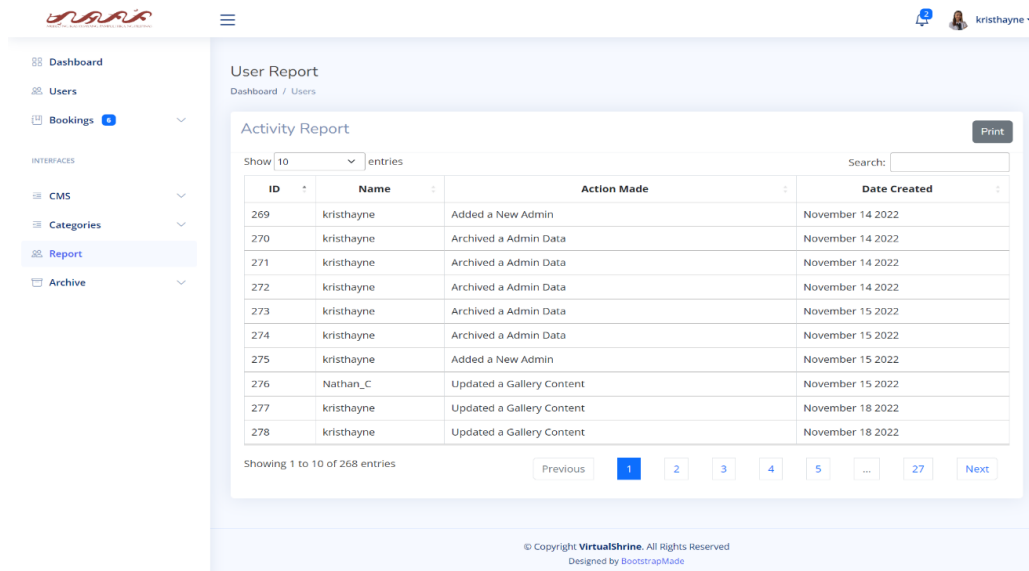
**Update** **Back**

© Copyright VirtualShrine. All Rights Reserved  
Designed by BootstrapMade

### Figure 84. Content Management System – Edit Blog

As seen in Figure 84, the Edit Blog form gives admins the ability to edit the Blog information.

## 2.4 Generate and Print Admin Activity Record



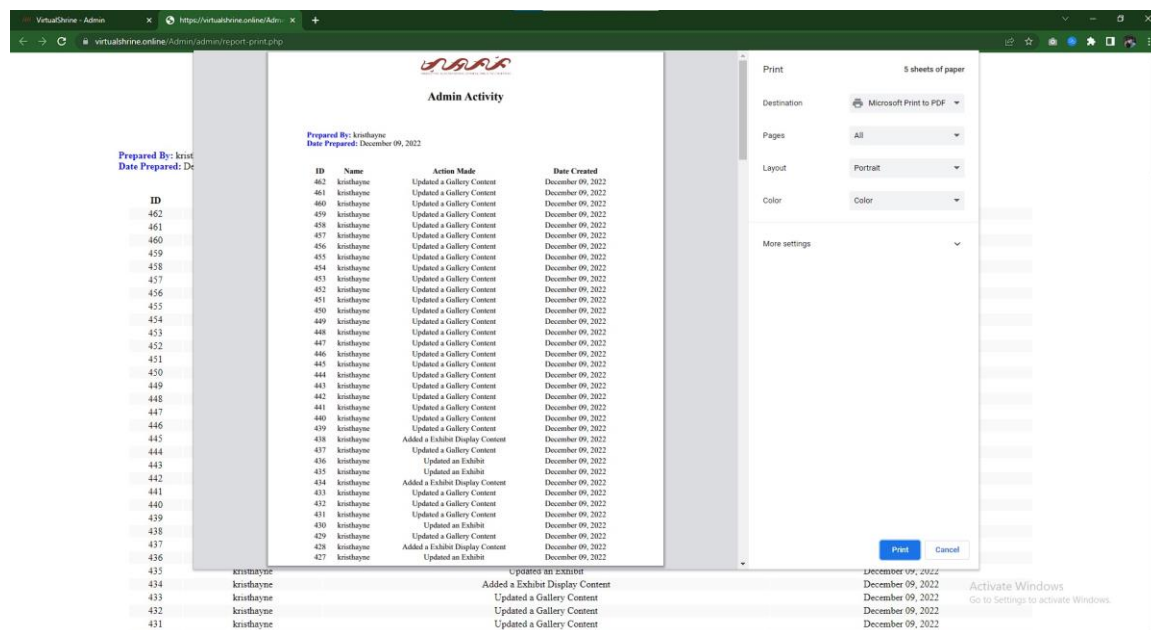
The screenshot shows the 'User Report' section of the VirtualShrine Admin interface. The 'Activity Report' table displays the following data:

ID	Name	Action Made	Date Created
269	kristhayne	Added a New Admin	November 14 2022
270	kristhayne	Archived a Admin Data	November 14 2022
271	kristhayne	Archived a Admin Data	November 14 2022
272	kristhayne	Archived a Admin Data	November 14 2022
273	kristhayne	Archived a Admin Data	November 15 2022
274	kristhayne	Archived a Admin Data	November 15 2022
275	kristhayne	Added a New Admin	November 15 2022
276	Nathan_C	Updated a Gallery Content	November 15 2022
277	kristhayne	Updated a Gallery Content	November 18 2022
278	kristhayne	Updated a Gallery Content	November 18 2022

The interface includes a sidebar with navigation options: Dashboard, Users, Bookings, CMS, Categories, Report (selected), and Archive. The 'Activity Report' section shows 'Showing 1 to 10 of 268 entries' and a pagination control with links for Previous, 1, 2, 3, 4, 5, ..., 27, and Next.

**Figure 85. Activity Report**

Figure 85 shows every activity like editing some of the website content or updating profile of the admin. It also includes the date when the data is change.

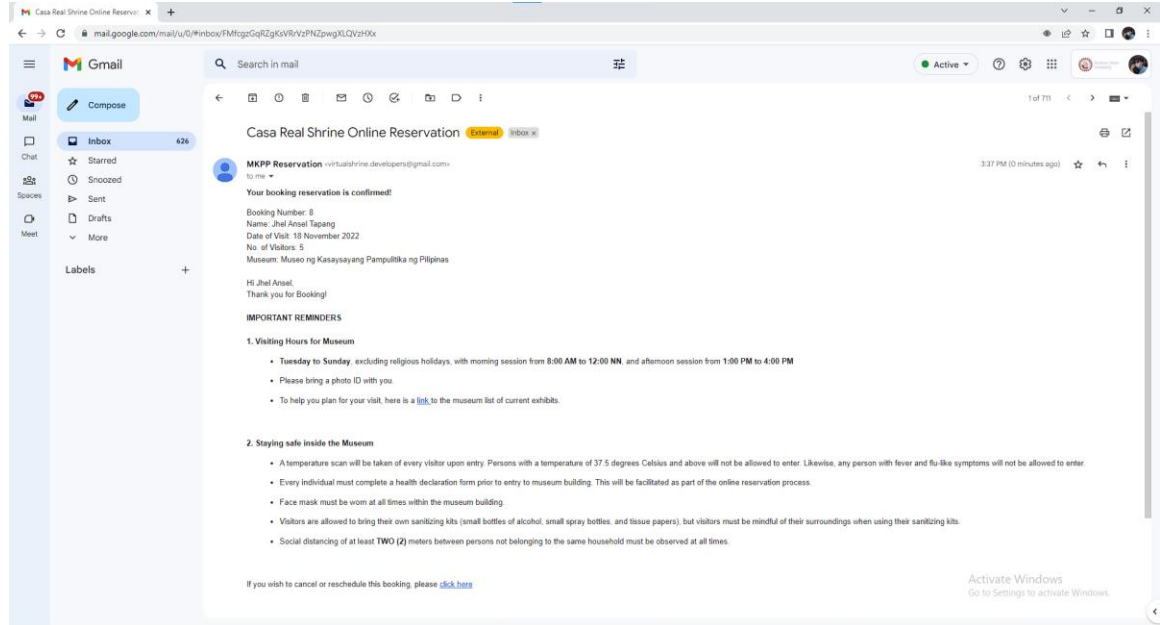


The screenshot shows the 'Admin Activity' report being printed. The report lists activities performed by users, including adding new admins and updating gallery content. The print settings are visible on the right side of the screen, showing '5 sheets of paper', 'Destination: Microsoft Print to PDF', 'Pages: All', 'Layout: Portrait', and 'Color: Color'. The print button is highlighted in blue.

**Figure 86. Printing Report**

Figure 86 shows the printing report. This will help the admin to have a hard copy of the data when it needs to be submitted on the museum for the documentation.

## 2.5 Booking Confirmation through email after reservation



**Figure 87. Email from the Administration**

Figure 87 displays the confirmation of booking reservation. This confirmation email will automatically be sent to the email provided by the visitor during the booking process if the administrator approves their booking. The email includes the booking information, reminders, and the link for cancellation and rescheduling of booking.

## Part III. Software Quality Evaluation of the VirtualShrine: An Interactive Museum Website for Casa Real Shrine

It is comprised of several tables that illustrate how well the VirtualShrine: An Interactive Museum Website performs. Table 3 shows the *Functional Suitability* criterion; Table 4 shows the *Performance Efficiency* criterion; Table 5 shows the *Usability* criterion; Table 6 shows the *Reliability* criterion; and Table 7 shows the *Portability* criterion. In addition, a table that presents the total number of respondents and a five-score Likert scale are also included. The developed application was assessed in terms of functional suitability, performance efficiency, usability, reliability, and portability using the ISO/IEC 25010:2011 or the Square - System and Software Quality Models.



**Table 6**

<b>Total Number of Respondents</b>		
<b>Evaluators</b>	<b>Frequency</b>	<b>Percentage (%)</b>
IT Professionals	5	11%
CICT Faculty	5	11%
Casa Real Shrine Museum Staff	3	7%
Student	12	27%
Local Tourist	10	22%
Foreign Tourist	10	22%
<b>TOTAL</b>	<b>45</b>	<b>100%</b>

The respondents of this study are five (5) IT Professionals that have proven extensive knowledge or working in the field of Information Technology, five (5) Faculty Members from the College of Information and Communications Technology, five (5) Local Tourist, five (5) Foreign Tourist and five (5) Casa Real Shrine Museum Staff.

**Table 7**

<b>5-Score Likert Scale</b>		
<b>Scale</b>	<b>Range</b>	<b>Descriptive Interpretation</b>
5	4.60-5.00	Strongly Agree
4	3.60-4.59	Agree
3	2.60-3.59	Moderately Agree
2	1.60-2.59	Disagree
1	0-1.59	Strongly Disagree

The evaluation procedure used a five-score scale which is 1 for Strongly Disagree, 2 for Disagree, 3 for Moderately Agree, 4 for Agree, and 5 for Strongly Agree. The five-score rating with its frequencies was collected from 45 respondents and the computed mean.

**Table 8**

Frequency Distribution and Descriptive Measures in the Evaluation of the Developed Website in terms of Functional Suitability								
<i>No.</i>	<i>Characteristics</i>	<i>5</i>	<i>4</i>	<i>3</i>	<i>2</i>	<i>1</i>	<i>Mean</i>	<i>Descriptive Interpretation</i>
1	<b><i>Functional Completeness.</i></b> The system functions according to its intended purpose.	32	10	3	0	0	4.64	Strongly Agree
2	<b><i>Functional Correctness.</i></b> The system gives the exact output on each input per module.	30	13	2	0	0	4.62	Strongly Agree
3	<b><i>Functional Appropriateness.</i></b> The system functions like any standard system entirely.	32	10	3	0	0	4.64	Strongly Agree
		<b>Weighted Mean</b>					<b>4.64</b>	<b>Strongly Agree</b>

*4.60 - 5.00 Strongly Agree, 3.60 - 4.59 Agree, 2.60 - 3.59 Moderately Agree, 1.60 - 2.59 Disagree, 0 - 1.59 Strongly Disagree*

Table 8. Show Under the functional suitability sub characteristics, the functional completeness has a total mean of 4.64, interpreted as Strongly Agree, proved the developed website is capable to attain specified user objectives. Functional correctness has a total mean of 4.62, interpreted as Strongly Agree and still has a high acceptance rating from the respondents. And lastly, functional appropriateness has a total mean of 4.64, interpreted as Strongly Agree proved the developed website has an efficient and effective way of accomplishing all the specified tasks. Based on all the computed mean 4.64 is the final interpretation of the respondents it means that they are strongly agree that the website is with the functionality of the developed web portal.

**Table 9**

Frequency Distribution and Descriptive Measures in the Evaluation of the Developed Website in terms of Performance Efficiency								
<i>No.</i>	<i>Characteristics</i>	<i>5</i>	<i>4</i>	<i>3</i>	<i>2</i>	<i>1</i>	<i>Mean</i>	<i>Descriptive Interpretation</i>
1	<b><i>Time-Behavior.</i></b> The system's response and processing times, as well as its throughput rates, carry out its intended tasks and adhere to the specifications.	34	7	3	1	0	4.64	Strongly Agree
2	<b><i>Resource Utilization.</i></b> The amount and kind of resources used by the system meet the criteria.	31	11	3	0	0	4.62	Strongly Agree
3	<b><i>Capacity.</i></b> The system manages time efficiently and effectively.	32	11	2	0	0	4.67	Strongly Agree
4	<b><i>System accuracy.</i></b> The system accurately presents the output at the maximum level.	33	9	3	0	0	4.67	Strongly Agree
		<b>Weighted Mean</b>					<b>4.65</b>	<b>Strongly Agree</b>

*4.60 - 5.00 Strongly Agree, 3.60 - 4.59 Agree, 2.60 - 3.59 Moderately Agree, 1.60 - 2.59 Disagree, 0 - 1.59 Strongly Disagree*

Table 9. Based on the information provided, it appears that the VirtualShrine website has performed well in terms of its time behavior, resource utilization, capacity, and system accuracy. The respondents strongly agreed with the performance efficiency of the website, as indicated by the weighted mean of 4.65. This suggests that the website was able to meet the expected results in a short amount of time and uses a small proportion of resources when in use. Overall, it seems that the VirtualShrine website is efficient in its performance.

**Table 10**

Frequency Distribution and Descriptive Measures in the Evaluation of the Developed Website in terms of Compatibility								
<i>No.</i>	<i>Characteristics</i>	<i>5</i>	<i>4</i>	<i>3</i>	<i>2</i>	<i>1</i>	<i>Mean</i>	<i>Descriptive Interpretation</i>
1	<b><i>Co-Existence.</i></b> The system can efficiently perform its required functions while sharing a familiar environment and resources with other systems, with no negative influence on any other method.	34	9	1	1	0	4.69	Strongly Agree
2	<b><i>Interoperability.</i></b> The system can exchange information and utilize data that has been exchanged between two or more platforms.	30	12	3	0	0	4.6	Agree
3	<b><i>Flexibility.</i></b> The system can be accessed on both phone and computer browsers.	35	9	1	0	0	4.76	Strongly Agree
		<b>Weighted Mean</b>					<b>4.69</b>	<b>Strongly Agree</b>

4.60 - 5.00 Strongly Agree, 3.60 - 4.59 Agree, 2.60 - 3.59 Moderately Agree, 1.60 - 2.59 Disagree, 0 - 1.59 Strongly Disagree

Table 10. Shows the items used in determining the compatibility of the developed website. Which is categorized by Co-Existence, Interoperability and Flexibility. The Compatibility have a total means of 4.96 which interpreted as Strongly Agree. This shows that the website Virtual Shrine is having complete features when it comes to compatibility.

**Table 11**

Frequency Distribution and Descriptive Measures in the Evaluation of the Developed Website in terms of Usability								
<i>No.</i>	<i>Characteristics</i>	<i>5</i>	<i>4</i>	<i>3</i>	<i>2</i>	<i>1</i>	<i>Mean</i>	<i>Descriptive Interpretation</i>
1	<i>User friendly. The design of the system is easy to understand and use.</i>	32	10	3	0	0	4.64	Strongly Agree
2	<i>Acceptability Recognizability. Users are able to determine whether the system is suitable for their requirements.</i>	33	11	1	0	0	4.71	Strongly Agree
3	<i>System Utility. The system can generate reports that can be viewed online (and can be download).</i>	32	10	3	0	0	4.64	Strongly Agree
4	<i>Operability. The system is simple to use, navigate.</i>	38	7	0	0	0	4.84	Strongly Agree
		<b>Weighted Mean</b>					<b>4.71</b>	<b>Strongly Agree</b>

4.60 - 5.00 Strongly Agree, 3.60 - 4.59 Agree, 2.60 - 3.59 Moderately Agree, 1.60 - 2.59 Disagree, 0 - 1.59 Strongly Disagree

Table 11. Shows the items used in determining the usability of the developed website. Which is categorized by User-Friendly, Acceptability Recognizability, System Utility and Operability. The Usability have a total means of 4.71 which interpreted as Strongly Agree. This shows that the website Virtual Shrine is having complete features when it comes to usability.



**Table 12**

Frequency Distribution and Descriptive Measures in the Evaluation of the Developed Website in terms of Reliability								
<i>No.</i>	<i>Characteristics</i>	<i>5</i>	<i>4</i>	<i>3</i>	<i>2</i>	<i>1</i>	<i>Mean</i>	<i>Descriptive Interpretation</i>
1	<b><i>Maturity.</i></b> Under normal conditions, the system meets the requirements for reliability.	33	10	2	0	0	4.69	Strongly Agree
2	<b><i>Availability.</i></b> The system is operational and accessible when required for use.	35	7	3	0	0	4.71	Strongly Agree
3	<b><i>Fault Tolerance.</i></b> Despite the presence of hardware or software faults, the system or its components function as planned.	30	14	1	0	0	4.64	Strongly Agree
4	<b><i>Recoverability.</i></b> In an interruption or failure, the system can immediately recover the affected data and restore the system to its desired state.	33	9	3	0	0	4.67	Strongly Agree
		<b>Weighted Mean</b>					<b>4.68</b>	<b>Strongly Agree</b>

4.60 - 5.00 Strongly Agree, 3.60 - 4.59 Agree, 2.60 - 3.59 Moderately Agree, 1.60 - 2.59 Disagree, 0 - 1.59 Strongly Disagree

Table 11. Shows the items used to determining the reliability of the developed website by means of Maturity, Availability, Fault Tolerance, and Recoverability. The total mean of reliability that comes from the respondents is 4.68 which interpreted as Strongly Agree. This demonstrates that the created web portal is trustworthy when used normally and is accessible and fully functional when needed.

**Table 13**

Frequency Distribution and Descriptive Measures in the Evaluation of the Developed Website in terms of Security								
<i>No.</i>	<i>Characteristics</i>	<i>5</i>	<i>4</i>	<i>3</i>	<i>2</i>	<i>1</i>	<i>Mean</i>	<i>Descriptive Interpretation</i>
<b>1</b>	<b><i>Confidentiality.</i></b> The system guarantees that the data is only available to those granted access.	<b>38</b>	<b>6</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>4.82</b>	Strongly Agree
<b>2</b>	<b><i>Accountability.</i></b> The actions of an entity can be traced uniquely by the system to the entity.	<b>37</b>	<b>7</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>4.8</b>	Strongly Agree
<b>3</b>	<b><i>Integrity.</i></b> The system prevents unauthorized access to, or modification of data.	<b>33</b>	<b>11</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>4.71</b>	Strongly Agree
		<b>Weighted Mean</b>					<b>4.78</b>	<b>Strongly Agree</b>

*4.60 - 5.00 Strongly Agree, 3.60 - 4.59 Agree, 2.60 - 3.59 Moderately Agree, 1.60 - 2.59 Disagree, 0 - 1.59 Strongly Disagree*

Table 12. Shows the items used in determining the security of the developed website. Which is categorized by Confidentiality, Accountability, and Integrity. The Security have a total mean of 4.78 that comes from the respondents which interpreted as Strongly Agree. The system makes sure the data are secure, prohibits unauthorized users from accessing and changing the data, and saves auditable logs that demonstrate each activity was made.

**Table 14**

Frequency Distribution and Descriptive Measures in the Evaluation of the Developed Website in terms of Maintainability								
<i>No.</i>	<i>Characteristics</i>	<i>5</i>	<i>4</i>	<i>3</i>	<i>2</i>	<i>1</i>	<i>Mean</i>	<i>Descriptive Interpretation</i>
<b>1</b>	<b><i>Modularity.</i></b> Because the system is made up of distinct parts, altering one has little to no impact on the others.	<b>39</b>	<b>6</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4.87</b>	Strongly Agree
<b>2</b>	<b><i>Modifiability.</i></b> The system allows updating different user records through level of security.	<b>35</b>	<b>9</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>4.76</b>	Strongly Agree
<b>3</b>	<b><i>Testability.</i></b> It is clear that the application is effective and efficient. For the product, test criteria can be set, and tests can be run to see if the criteria have been met.	<b>35</b>	<b>9</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>4.76</b>	Strongly Agree
<b>4</b>	<b><i>Analyzability.</i></b> The system works well and efficiently. One can evaluate the effects of a planned modification to a system or product on one or more of its components.	<b>35</b>	<b>10</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4.78</b>	Strongly Agree
		<b>Weighted Mean</b>					<b>4.79</b>	<b>Strongly Agree</b>

*4.60 - 5.00 Strongly Agree, 3.60 - 4.59 Agree, 2.60 - 3.59 Moderately Agree, 1.60 - 2.59 Disagree, 0 - 1.59 Strongly Disagree*

Table 13 shows the items used in determining the maintainability of the developed system, which is categorized by Modularity, Modifiability, Testability, and Analyzability. The total computed mean for the maintainability is 4.79 which interpreted as Strongly Agree. It demonstrates the system's adaptability to various hardware, software, and other operational or usage scenarios. Mobile devices like smartphones, tablets, and PCs can all access the designed system online.

**Table 15**

Frequency Distribution and Descriptive Measures in the Evaluation of the Developed Website in terms of Portability								
<i>No.</i>	<i>Characteristics</i>	<i>5</i>	<i>4</i>	<i>3</i>	<i>2</i>	<i>1</i>	<i>Mean</i>	<i>Descriptive Interpretation</i>
<b>1</b>	<b><i>Adaptability.</i></b> The system can effectively and efficiently be adapted for different evolving hardware, software, or other operational or usage environments.	<b>38</b>	<b>7</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4.84</b>	Strongly Agree
		<b>Weighted Mean</b>					<b>4.84</b>	<b>Strongly Agree</b>

*4.60 - 5.00 Strongly Agree, 3.60 - 4.59 Agree, 2.60 - 3.59 Moderately Agree, 1.60 - 2.59 Disagree, 0 - 1.59 Strongly Disagree*

Table 14 shows the item used in determining the portability of the developed system, which is categorized by Adaptability. Out of 45 respondents 38 is strongly agree and 7 is agree for the adaptability of the website. The portability have a total mean of 4.84 which interpreted as Strongly Agree. This means that the respondents is strongly agree with portability of the website Virtual Shrine.

**Table 16**

<b>Software Criteria</b>	<b>Computed Mean</b>	<b>Descriptive Interpretation</b>
<b>1. Functional Suitability</b>	<b>4.64</b>	<b>Strongly Agree</b>
<b>2. Performance Efficiency</b>	<b>4.65</b>	<b>Strongly Agree</b>
<b>3. Compatibility</b>	<b>4.69</b>	<b>Strongly Agree</b>
<b>4. Usability</b>	<b>4.71</b>	<b>Strongly Agree</b>
<b>5. Reliability</b>	<b>4.68</b>	<b>Strongly Agree</b>
<b>6. Security</b>	<b>4.78</b>	<b>Strongly Agree</b>
<b>7. Maintainability</b>	<b>4.79</b>	<b>Strongly Agree</b>
<b>8. Portability</b>	<b>4.84</b>	<b>Strongly Agree</b>
<b>Overall Mean</b>	<b>4.72</b>	<b>Strongly Agree</b>

Functional Suitability registered a computed mean of 4.64 with a descriptive interpretation as “Strongly Agree”. Performance Efficiency on the other hand acquired 4.65 which is also interpreted as “Strongly Agree”. Compatibility registered a computed mean of 4.69 with a descriptive interpretation as “Strongly Agree”. Usability registered a computed mean 4.71 with a descriptive interpretation as “Strongly Agree”. Reliability registered a computed mean 4.68 with a descriptive interpretation as “Strongly Agree”. Security registered a computed mean 4.78 with a descriptive interpretation as “Strongly Agree”. Maintainability registered a computed mean 4.79 with a descriptive interpretation as “Strongly Agree”. Portability acquired 4.84 which garnered the highest mean among the other criteria.