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Appendices

Appendix A

Relevant Source Code

CLIENT SIDE - homepage.php

```
<!DOCTYPE html>

<html>

    <meta name="viewport" content="with=device-width, initial-scale=1.0">

    <head>

        <title>Homepage - VirtualShrine</title>

        <link rel="stylesheet" href="assets/css/homepage.css">

        <link rel="preconnect" href="https://fonts.googleapis.com">

        <link rel="icon" type="image/png" href="assets/img/crs-logo.png">

<link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>

<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/6.2.0/css/all.min.css">

<link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/font-
awesome/4.7.0/css/font-awesome.css">

<script src="https://cdnjs.cloudflare.com/ajax/libs/jquery/3.6.1/jquery.min.js"
charset="utf-8"></script>

<link
href="https://fonts.googleapis.com/css2?family=Poppins:wght@100;200;300;400;600;70
0&display=swap" rel="stylesheet">

</head>

<body>

<!-- push -->

    <section class="header">

        <nav>

            <a href="homepage.php"><image  class="logo" src="assets/img/crs-logo-
white.png" alt="Casa Real Shrine logo"></image></a>

            <div class="nav-links" id="mySidebar">

            <i class="fa fa-times" onclick="closeNav()"></i>

                <ul>

                    <li class="menu-item"><a href="homepage.php">HOME</a></li>


                    <li class="menu-item">
```

```
            <a href="#">VISIT <i class="fas fa-angle-down"></i></a>

            <ul class="sub-menu">
                    <li class="sub-item"><a href="plan_visit.php">Plan Your
Visit</a></li>
                    <li class="sub-item"><a href="consent-form.php">Book a
Visit</a></li>
                    <li class="sub-item"><a href="audio-guide.php">Audio
Guide</a></li>
                    <li class="sub-item"><a href="exhibits.php">Exhibits</a></li>

            </ul>
          </li>
          <li class="menu-item">
            <a href="#">EXPLORE<i class="fas fa-angle-down"></i></a>

            <ul class="sub-menu">
                    <li class="sub-item"><a href="gallery.php">Collections</a></li>
                    <li class="sub-item"><a href="virtual-tour.php">Virtual
Tour</a></li>
            </ul>
          </li>

          <li class="menu-item"><a href="blog.php">BLOG</a></li>
          <li class="menu-item"><a href="about-crs.php">ABOUT</a></li>
        </ul>
    </div>
    <div id="main"></div>
      <i class="fa fa-bars" onclick="openNav()"></i>
    </div>
  </nav>
```

```
<!-- [END] NAVIGATION -->


<!-- [START] HEADER -->
<div class="text-box">
    <h1>WELCOME TO THE VIRTUALSHRINE</h1>
    <p>Free Entry - Operation time : 8:00AM - 4:00PM</p>
    <a class="book-btn" href="consent-form.php">Book a Visit Now</a>
</div>
<!-- [END] OF HEADER -->
</section>


<!-- [START] STARTING PAGE -->


<section class="content-split">
    <h1>ABOUT CASA REAL SHRINE</h1>


    <div class="content-wrap">
        <div class="content-split-side rich-text">
    <div class="carousel">
        <div class="carousel-inner">
            <div class="carousel-item">
                <img src="Images/about/history-of-casa-real-shrine.jpg" alt="">
            </div>
            <div class="carousel-item">
                <img src="Images/about/women-of-malolos.jpg" alt="">
            </div>
            <div class="carousel-item">
                <img src="Images/about/crs-printing-press.jpg" alt="">
            </div>
```

```
        <div class="carousel-item">

            <img src="Images/about/thumb2.jpg" alt="">

        </div>

    </div>

    <div class="carousel-controls">

        <span class="prev"></span>

        <span class="next"></span>

    </div>

    <div class="carousel-indicators"></div>

</div>

</div>


    <div class="content-split-main rich-text">

        <p class="about-desc">Located at Paseo del Congreso, Plaza Rizal Malolos
Bulacan, Casa Real Shrine served as the

            National Museum and the National Printing Press during the First Philippine
Republic. It

            is a government museum consisting of relics from the First Philippine
Republic.

            Memorabilia's of Gen. Emilio Aguinaldo are also found here. First class
families of Malolos,

            their furnitures, old books, stamps, paper money and coin are also displayed
in the Shrine.</p>

        <p class="about-desc-2">Casa Real is also one of Malolos oldest structure. The
building contains

            exhibits, printing press of the Malolos Republic and a display of the 21
Women of Malolos

            memorabilia. Also presented here are the photographs of the 100 Filipino
women. Each of them has

            distinct characteristics in their fields.</p>


        <a href="about-crs.php"><button class="button-31" role="button">Learn
More</button></a>
```

```
        </div>
    </div>
</section>
<!-- [END] STARTING PAGE -->



<!-- [START] HOMEPAGE CONTENTS -->
<section class="home-content">

    <h1>Explore Our Galleries</h1>
    <p>Tour the 5 galleries of Casa Real Shrine</p>

    <div class="row">

        <a href="GalleryInfo.php">
        <div class="gallery-col">
            <img src="Images/homepage-gallery/ginhawa.jpg" alt="kaginhawaan">
            <div class="layer">
                <h3>KAGINHAWAAN</h3>
            </div>
        </div>
        </a>

        <a href="GalleryInfo.php">
        <div class="gallery-col">
            <img src="Images/homepage-gallery/paniil.jpg" alt="kaginhawaan">
            <div class="layer">
                <h3>PANINIIL</h3>
            </div>
```

```
            </div>
        </a>


        <a href="GalleryInfo.php">
        <div class="gallery-col">
            <img src="Images/homepage-gallery/bago-puri.jpg" alt="kaginhawaan">
            <div class="layer">
              <h3>PAGBABAGONG-PURI</h3>
            </div>
          </div>
        </a>


        <a href="GalleryInfo.php">
        <div class="gallery-col">
            <img src="Images/homepage-gallery/buo.jpg" alt="kaginhawaan">
            <div class="layer">
              <h3>PAGBUBUO NG BAYAN</h3>
            </div>
          </div>
        </a>
    </div>


</section>
<!-- [END] OF HOMEPAGE CONTENTS -->


<!-- [START] VIRTUALSHRINE NEXT TO YOU -->


<section class="vs-features">
  <h1>VIRTUALSHRINE NEXT TO YOU</h1>
```

```html
<p>Explore our virtual tours and experience the Casa Real wherever you are</p>

<div class="row">

    <div class="features-col">
    <a href="audio-guide.php">
    <div id="container">
        <img id="image" src="Images/homepage-features/image1.jpg" alt="">
    </div>
    </a>
    <div class="card-title">
        <h3>Audio Guide</h3>
        <p>Explore Casa Real with an Audio Guide</p>
    </div>
    </div>

    <div class="features-col">
    <a href="virtual-tour.php">
    <div id="container">
        <img id="image" src="Images/homepage-features/image2.JPG" alt="">
    </div>
    </a>
        <div class="card-title">
        <h3>Virtual 360</h3>
        <p>Check out the virtual 360 tour of the Casa Real Shrine</p>
        </div>
    </div>

    <div class="features-col">
```

```
<a href="gallery.php">

<div id="container">

  <img id="image" src="Images/homepage-features/image3.jpg" alt="">

</div>

</a>

<div class="card-title">

  <h3>Collections</h3>

  <p>Learn the political history of the Phillipines by visiting the collections of
Casa Real Shrine</p>

</div>

</div></div>

  </div>

</section>


<!-- [END] OF VIRTUALSHRINE NEXT TO YOU-->


<!-- [START] FOOTER -->


<section id="footer">

<div class="title-text">

  <!-- <h1>Visit Casa Real Today</h1> -->


</div>

<div class="footer-row">

  <div class="footer-left">

  <div>

    <h1>Opening Hours</h1>

    <p><i class="fa fa-clock-o"></i> Tuesday to Sunday - 8:00 AM to 4:00
PM</p>

  </div>
```

```
<br>

<div>

<h1>Contact Us</h1>

    <p><i class="fa fa-map-marker"></i>   Paseo Del Congreso, Liang, City of
Malolos, Bulacan</p>

    <p><i class="fa fa-paper-plane"></i>  mpph@nhcp.gov.ph</p>

    <p><i class="fa fa-phone"></i>  (044) 931-2508</p>

</div>

</div>


<div class="footer-right">

<div>

   <h1>Quicklinks</h1>

   <div class="quicklinks">

   <span style="margin-right:50px;"><a
href="homepage.php">Homepage</a></span><a href="crs-about.php">About
Us</a><br>

   <span style="margin-right:30px;"><a href="plan_visit.php">Plan Your
Visit</a></span><a href="consent-form.php">Book a Visit</a><br>

   <span style="margin-right:70px;"><a href="audio-guide.php">Audio
Guide</a></span><a href="exhibits.php">Exhibit</a><br>

   <span style="margin-right:30px;"><a
href="gallery.php">Collection</a></span><a href="virtual-tour.php">Virtual
Tour</a><br>

   <span><a href="">About</a></span>

   </div>


   </div>

   </div>

</div>
```

```
<div class="social-links">

    <img src="Images/Logo.png" class="footer-img">

        <a href="https://www.facebook.com/CasaRealMalolos"><i class="fa fa-
facebook"></i></a>

        <a href="https://www.instagram.com/nhcpofficial/"><i class="fa fa-
instagram"></i></a>

        <a href="https://twitter.com/NHCPOfficial"><i class="fa fa-twitter"></i></a>

        <a href="https://www.youtube.com/@NHCPOfficial"><i class="fa fa-youtube-
play"></i></a>

        <p>2022 <i class="fa-regular fa-copyright"></i> VirtualShrine</p>

    </div>

  </section>

  <!-- [END] FOOTER -->

  <!-- JAVASCRIPT FOR TOGGLE MENU -->
<script>


  /* Set the width of the sidebar to 250px and the left margin of the page content to
250px */

  function openNav() {

  document.getElementById("mySidebar").style.width = "250px";

  }


  /* Set the width of the sidebar to 0 and the left margin of the page content to 0 */

  function closeNav() {

  document.getElementById("mySidebar").style.width = "0";

  }

</script>


<script src="assets/js/swiper-script.js"></script>
</body>
</html>
```

ADMIN SIDE – login.php

```php
<?php
session_start();
?>
<html>

<head>
    <title>Login - VirtualShrine</title>
    <meta name="MobileOptimized" content="width">
    <meta name="HandheldFriendly" content="true">
    <meta name="viewport" content="width=device-width, minimum-scale=1.0, maximum-scale=1.0, user-scalable=no">

    <link rel="icon" type="image/png" href="image/VirtualShrineLogo.png">

    <link rel="stylesheet" href="assets/css/login-style.css">
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.2.0/css/all.min.css">
    <script src="https://cdnjs.cloudflare.com/ajax/libs/jquery/3.6.1/jquery.min.js" charset="utf-8"></script>
</head>
    <div class="py5">
        <div class="container">
            <div class="row justify-content-center">
                <div class="col-md-5">
            <div class="card">
                <div class="card-header">
```

```
<img src="image/VirtualShrineLogo.png">


     <div class="center">
        <div class="center-header">
        <h1>Login</h1>
        </div>


        <hr>
        <div class="center-body">


        <?php include('message.php')?>


        <form action="logincode.php" method="post">
           <div class="txt_field">
              <input type="username" required name="username">
              <label>Username</label>
           </div>
           <div class="txt_field">
              <input type="password" required name="password">
              <span></span>
              <label>Password</label>
           </div>
           <input type="submit" name="login_btn" class="btn btn-primary"
value="Login"></input>
           <div class="MainAdmin_link"></div>
        </form>
     </div>
     </div>
   </div>
   </div>
```

```
        </div>

      </div>

      </div>

  </div>


  <!-- Modal

  <div class="modal fade" id="no-slot" tabindex="-1" role="dialog" aria-
  labelledby="exampleModalLabel" aria-hidden="true">

    <div class="modal-dialog" role="document">

      <div class="modal-content">

        <div class="modal-body" id="loading-msg">

        </div>

        <div class="modal-footer">

          <button type="button" class="btn btn-secondary" data-
  dismiss="modal">Ok</button>

        </div>

      </div>

    </div>

  </div>


  <script src="assets/js/main.js?v1"></script>

  <script src="assets/js/parsely.min.js"></script>

  <script src="assets/js/popper.min.js"></script>

  <script src="assets/js/bootstrap.min.js"></script> -->


  <script
  src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/js/bootstrap.bundle.min.js"></scri
  pt>


  </body>

</html>
```

Virtual Tours – index.html

```html
<!DOCTYPE html>
<html>
    <head>
            <meta http-equiv="Content-Type" content="text/html;charset=UTF-8" />
            <meta http-equiv="X-UA-Compatible" content="IE=edge" />
            <title>Virtual Tour - VirtualShrine</title>
            <link rel="icon" type="image/png" href="img/crs-logo.png">
            <meta name="viewport" content="width=device-width, initial-scale=1.0,
minimum-scale=1.0, maximum-scale=1.0" />
            <meta name="apple-mobile-web-app-capable" content="yes" />
            <meta name="apple-mobile-web-app-status-bar-style" content="black" />
            <meta name="mobile-web-app-capable" content="yes" />
            <style type="text/css" title="Default">
                /* fullscreen */
                html {
                        height:100%;
                }
                body {
                        height:100%;
                        margin: 0px;
                        overflow:hidden; /* disable scrollbars */
                        -webkit-tap-highlight-color: rgba(0, 0, 0, 0); /* remove
highlight on tab for iOS/Android */
                }
                /* fix for scroll bars on webkit & >=Mac OS X Lion */
                ::-webkit-scrollbar {
                        background-color: rgba(0,0,0,0.5);
                        width: 0.75em;
                }
```

```
                    ::-webkit-scrollbar-thumb {

                    background-color:  rgba(255,255,255,0.5);

                    }

            </style>

      </head>

      <body>
<!-- - - - - - - - 8<- - - - - - cut here - - - - - 8<- - - - - - - - -->
            <script type="text/javascript" src="pano2vr_player.js">

            </script>

            <script type="text/javascript" src="skin.js">

            </script>

            <div id="container" style="width:100%;height:100%;overflow:hidden;">

            <br>Loading...<br><br>

            </div>

            <script type="text/javascript">


                  // create the panorama player with the container

                  pano=new pano2vrPlayer("container");

                  // add the skin object

                  skin=new pano2vrSkin(pano);

                  // load the configuration

                  window.addEventListener("load", function() {

                        pano.readConfigUrlAsync("pano.xml");

                  });

                  if (window.navigator.userAgent.match(/Safari/i)) {

                        // fix for white borders, rotation on iPhone

                        function iosHfix(e) {

                              window.scrollTo(0, 1);

                              var
container=document.getElementById("container");
```

```
                        var oh=container.offsetHeight;

        document.documentElement.style.setProperty('height', '100vh');
                                if (oh!=container.offsetHeight) {

                                        container.style.setProperty('height',"100%");
                                } else {

        container.style.setProperty('height',window.innerHeight+"px");

                                }
                                window.scrollTo(0, 0);
                                pano.setViewerSize(container.offsetWidth,
container.offsetHeight);
                        };
                        setTimeout(iosHfix,0);
                        setTimeout(iosHfix,100);
                        window.addEventListener("resize", function() {
                                setTimeout(iosHfix,0);
                                // hide toolbar on iPad happens with a delay
                                setTimeout(iosHfix,500);
                                setTimeout(iosHfix,1000);
                                setTimeout(iosHfix,2000);
                        });
                }
        </script>
        <noscript>
                <p><b>Please enable Javascript!</b></p>
        </noscript>
<!-- - - - - - - - 8<- - - - - - cut here - - - - - 8<- - - - - - - - -->
        </body>
</html>
```

Appendix B

Evaluation Tool

Name: _____   **Date:** _____
Type of Respondent: _____

Scale	Range	Descriptive Interpretation				
5	4.60 - 5.00	Strongly Agree				
4	3.60 – 4.59	Agree				
3	2.69 – 3.59	Moderately Agree				
2	1.60 – 2.59	Disagree				
1	0 – 1.59	Strongly Disagree				
Indicator			**5**	**4**	**3**	**2**	**1**
A. Function and Stability							
1. The system functions according to its intended purpose.							
2. The system gives the exact output on each input per module.							
3. The system functions like any standard system entirely							
4. The system functions to different user with different restrict ions.							
5. The system interacts to different inputs and features entirely.							
B. Performance and Efficiency							
1. The system meets the user's expectation and objectives.							
2. The system can be used to its maximum limit from the design capacity.							
3. The system can respond to multiple interaction from the user.							
4. The system manages time efficiently and effectively.							
5. The system accurately presents the output at the maximum level.							
C. Compatibility							
1. Co-Existence. 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.							
2. Interoperability. The system can exchange information and utilize data that has been exchanged between two or more platforms.							

3. The system can be accessed on both phone and computer browsers.					
D. Usability					
1. User friendly. The design of the system is easy to understand and use.					
2. Acceptability Recognizability. Users are able to determine whether the system is suitable for their requirements.					
3. System Utility. The system can generate reports that can be viewed online (and can be download).					
4. Operability. The system is simple to use, navigate.					
E. Reliability					
1. Maturity. Under normal conditions, the system meets the requirements for reliability.					
2. Availability. The system is operational and accessible when required for use.					
3. Fault Tolerance. Despite the presence of hardware or software faults, the system or its components function as planned.					
4. Recoverability. In an interruption or failure, the system can immediately recover the affected data and restore the system to its desired state.					
F. Security					
1. Confidentiality. The system guarantees that the data is only available to those granted access.					
2. Confidentiality. The system guarantees that the data is only available to those granted access.					
3. Accountability. The actions of an entity can be traced uniquely by the system to the entity.					
G. Maintainability					
1. The system's information and interfaces can be updated through administrator account.					
2. The system allows updating different user records through level of security.					
3. The system username and password can be modified online.					
4. The system's hierarchy of authority especially administrator and super administrator can monitor different user's account online.					
H. Portability					
1. Adaptability. The system can effectively and efficiently be adapted for different evolving hardware, software, or other operational or usage environments.					

Appendix C

Letter to the Casa Real Shrine Curator

Republic of the Philippines
Bulacan State University
City of Malolos, Bulacan
Tel (044) 919 7800 local 1101/1102

COLLEGE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY

May 16, 2022

MRS. MA. ANTONIA T. JIMENEZ
Museum Curator
Casa Real Shrine

Dear Mrs. Jimenez:

Greetings!

We are 3rd-year college students from Bulacan State University taking up the course of Bachelor of Science in Information Technology. We've decided to design a website for our capstone project a VirtualShrine: An Interactive Museum website for Casa Real Shrine that will be utilized to virtualize Casa Real Shrine. As for that, we are asking for your permission to be our client on this project.

The concept of our proposed system is to deliver more knowledge to the online museum user by improving users' experience, interactivity, and comprehensive knowledge. This proposed project website could also serve as promotion for the Casa Real Shrine of Malolos to a vast audience online.

This system can help you on:

- Promote the Casa Real Shrine on a wider audience online.
- Online Booking Admission
- User Assisting features
- Virtual Museum tours

Students will use the information provided above for educational purposes only. We are hoping for your kind consideration and favorable response. Thank you, and God bless!

Respectfully yours,
The Researchers
Claro, Sharvien Paul M.
Gabutina, Carlo Elijah R.
Mauricio, Angelo D.
Navarro, Rovi Keith Y.
Tapang, Jhel Ansel D.

Nacional, Kristine Joy S.
Project Leader
BSIT 3M – Group 2

Noted by:
Dr. Mayleen Dorcas Castro
Capstone Coordinator

Conforme:
Mrs. Ma. Antonia T. Jimenez
Museum Curator

Bulacan State University
COLLEGE OF INFORMATION & COMMUNICATIONS TECHNOLOGY
City of Malolos 3000, Bulacan
Tel. No. (044) 796-0147/(044)791-7386
http://www.bulsu.edu.ph/

July 7, 2022

MRS. MA. ANTONIA T. JIMENEZ
Museum Curator
Casa Real Shrine

Dear Mrs. Jimenez:

Greetings!

This letter is in regard to requesting for Data collection such as images, description, and 360-degree view of the artifacts displayed in your museum. We are 3rd-year college students from Bulacan State University taking up the course of Bachelor of Science in Information Technology conducting a study entitled "VirtualShrine: an interactive website for Casa Real Shrine".

As part of the study's development, we will photograph the artifacts on display at the museum and capture a 360-degree view of each gallery. We would also want to request a description of the artifacts that are on display.

The intention of our work is to use those data as contents for the interactive museum website for Casa Real Shrine and be able to share the collected data to the museum website visitors.

We will be very grateful to you for your help. We can assure you that your privacy will not be affected.

If you have any further queries, you can reach us at virtualshrine.developers@gmail.com

Respectfully yours,
The Researchers
Claro, Sharvien Paul M.
Gabutina, Carlo Elijah R.
Mauricio, Angelo D.
Navarro, Rovi Keith Y.
Tapang, Jhel Ansel D.
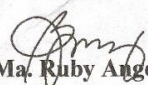
Nacional, Kristine Joy S.
Project Leader
BSIT 3M – Group 2
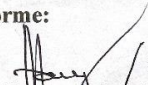
Noted by:

Mrs. Ma. Ruby Angela Crisostomo
Capstone Adviser

Conforme:

Mrs. Ma. Antonia T. Jimenez
Museum Curator

Noted by:

Mrs. Ma. Ruby Angela Crisostomo
Capstone Adviser

Conforme:

07/07/2022

Mrs. Ma. Antonia T. Jimenez
Museum Curator

Appendix D

Request Letter for Capstone Adviser

Bulacan State University
COLLEGE OF INFORMATION & COMMUNICATIONS TECHNOLOGY
City of Malolos 3000, Bulacan
Tel. No. (044) 796-0147/(044)791-7386
http://www.bulsu.edu.ph/

MRS. MA. RUBY ANGELA CRISOSTOMO   March 31, 2022

CICT Faculty Member
Bulacan State University

Dear Mrs. Crisostomo:

Greetings!

We, the undersigned, are third year students of Bulacan State University pursuing a degree, Bachelor of Science in Information Technology and currently taking Capstone I subject.

We are writing to humbly request your service and expertise to serve as an adviser for our Capstone project. We believe that your knowledge and insights will be valuable and will greatly enrich our work.

Hoping & praying that you will consider our request. Thank you very much & God bless!

Respectfully yours,
The Researchers

Claro, Sharvien Paul M.
Gabutina, Carlo Elijah R.
Mauricio, Angelo D.
Nacional, Kristine Joy S.
Navarro, Rovi Keith Y.
Tapang, Jhel Ansel D.

Noted by:

Dr. Mayleen Dorcas B. Castro
Capstone Coordinator

Conforme:
Mrs. Ma. Ruby Angela Crisostomo
CICT, Faculty

Appendix E

Request Letter for Capstone Panels

Bulacan State University
**COLLEGE OF INFORMATION & COMMUNICATIONS
TECHNOLOGY**
City of Malolos 3000, Bulacan
Tel. No. (044) 796-0147/(044)791-7386
http://www.bulsu.edu.ph/

MS. LILIBETH ANTONIO   April 4, 2022
CICT Faculty Member
Bulacan State University

Dear Ms. Antonio:

Greetings!

We, the undersigned, are third year students of Bulacan State University pursuing a degree, Bachelor of Science in Information Technology and currently taking Capstone I subject.

We are writing to humbly request your service and expertise to serve as one of our panel members for our Capstone project Title Oral Presentation. We believe that your knowledge and insights will be valuable and will greatly enrich our work.

Hoping & praying that you will consider our request. Thank you very much & God bless!

Respectfully yours,

The Researchers

Claro, Sharvien Paul
Gabutina, Carlo Elijah
Mauricio, Angelo
Nacional, Kristine Joy
Navarro, Rovi Keith
Tapang, Jhel Ansel

Noted by:

Dr. Mayleen Dorcas B. Castro
Capstone Coordinator

Conforme:

Ms. Lilibeth Antonio
CICT, Faculty

ENGR. TERESITA MANGAHAS   April 4, 2022
CICT Faculty Member
Bulacan State University

Dear Engr. Mangahas:

Greetings!

We, the undersigned, are third year students of Bulacan State University pursuing a degree, Bachelor of Science in Information Technology and currently taking Capstone I subject.

We are writing to humbly request your service and expertise to serve as one of our panel members for our Capstone project Title Oral Presentation. We believe that your knowledge and insights will be valuable and will greatly enrich our work.

Hoping & praying that you will consider our request. Thank you very much & God bless!

Respectfully yours,

The Researchers

Claro, Sharvien Paul
Gabutina, Carlo Elijah
Mauricio, Angelo
Nacional, Kristine Joy
Navarro, Rovi Keith
Tapang, Jhel Ansel

Noted by:

Dr. Mayleen Dorcas B. Castro
Capstone Coordinator

Conforme:

Engr. Teresita Mangahas
CICT, Faculty

Bulacan State University
**COLLEGE OF INFORMATION & COMMUNICATIONS
TECHNOLOGY**
City of Malolos 3000, Bulacan
Tel. No. (044) 796-0147/(044)791-7386
http://www.bulsu.edu.ph/

MS. LYKA SAN PEDRO   April 4, 2022
CICT Faculty Member
Bulacan State University

Dear Ms. San Pedro:

Greetings!

We, the undersigned, are third year students of Bulacan State University pursuing a degree, Bachelor of Science in Information Technology and currently taking Capstone I subject.

We are writing to humbly request your service and expertise to serve as one of our panel members for our Capstone project Title Oral Presentation. We believe that your knowledge and insights will be valuable and will greatly enrich our work.

Hoping & praying that you will consider our request. Thank you very much & God bless!

Respectfully yours,

The Researchers

**Claro, Sharvien Paul
Gabutina, Carlo Elijah
Mauricio, Angelo
Nacional, Kristine Joy
Navarro, Rovi Keith
Tapang, Jhel Ansel**

Noted by:

Dr. Mayleen Dorcas B. Castro
Capstone Coordinator

Conforme:

Ms. Lyka San Pedro
CICT, Faculty

Appendix F
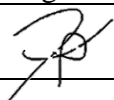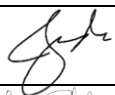
BSIT Capstone Project Application for Final Defense

BULACAN STATE UNIVERSITY

College of Information and Communications Technology

APPLICATION FOR CAPSTONE PROJECT DEFENSE

Capstone/Project Design Details	
VirtualShrine: An Interactive Museum Website for Casa Real Shrine	
Academic Year/Semester	2022 - 2023
Capstone/Project Design Adviser	Ms. Ma. Ruby Angela J. Crisostomo
Chairman	Ms. Lilibeth G. Antonio
Panel Members	Ms. Lyka D.L San Pedro
	Ms. Teresita S. Mangahas

Capstone/Project Design Group		
Student Number	Last Name, First Name MI.	Signature
Team Leader	Nacional, Kristine Joy S.	
Members	Claro, Sharvien Paul M.	
	Gabutina, Carlo Elijah R.	
	Mauricio, Angelo D.	
	Mergal, Jhan Mar D.	
	Navarro, Rovi Keith Y.	
	Tapang, Jhel Ansel D.	

I certify that I have read the Capstone/Project Design manuscript presented by the student in connection with this application for final defense and classify the same as eligible for defense within the schedule/deadlines set by the Department Head.

Capstone/Project Design Adviser		
Complete Name	Signature	Date
Ms. Ma. Ruby Angela J. Crisostomo		December 01, 2022

Capstone Project Coordinator		
Complete Name	Signature	Date
Dr. Mayleen Dorcas B. Castro		November 29, 2022

Department Head		
Complete Name	Signature	Date
Dr. Digna S. Evale		December 01, 2022

INSTRUCTIONS TO THE STUDENT

1. This form must be accomplished in quadruplicate (4 copies) when all necessary signatures have been completed. Application forms with incomplete information and signatures will not be accepted for processing.

2. Upon submission, the Accounting Office will make an assessment of the relevant fees for the application.

3. Pay the assessed amount at the Cashier's Office.

4. Submit three (3) copies together with the official receipt to the following: Office of the Dean
      (1), Department Head (1), Capstone/Project Design Coordinator (1).

5. Coordinate the schedule and venue of the defense with the Department Head.

TERMS AND CONDITIONS

1. To be able to apply for Capstone/Project Design Final defense, the student must be enrolled in Capstone Project/Project Design course during the term.

2. A verdict resulting to revision in Capstone/Project Design is classified as "Incomplete." To qualify for completion, revisions must be approved and reported by the Chair of the Defense Panel to the Capstone/Project Design Coordinator within the specified date agreed upon by the Panel Members. In case of failure to comply with the revisions, the "Incomplete" is automatically converted to "Failed," in which case the student has to reenroll the Capstone/Project Design.

STUDENT CONFORME

I have read and understood the "Instructions" and "Terms and Conditions" stipulated above and agree to the same.

KRISTINE JOY SALAZAR NACIONAL
SIGNATURE OVER PRINTED NAME / DATE

VALIDATION OF PAYMENT

OR Number: 2456231   Date: December 7, 2022
Amount: Php. 1,800

ACCOUNTABLE FORM No. 51
REVISED JANUARY, 1992

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REPUBLIC OF THE PHILIPPINES
OFFICIAL RECEIPT
BULACAN STATE UNIVERSITY

DATE 12/07/2022

No. BulSU 2456231

PAYOR NACIONAL, KRISTINE JOY S ET AL ()

NATURE OF COLLECTION	ACCOUNT CODE	AMOUNT
Thesis-CICT		₱1,800.00

Other Assessment

1,800.00 / 0.00

1,800.00

| TOTAL | | ₱ |

AMOUNT IN WORDS

one thousand eight hundred PESOS ONLY

	DRAWEE BANK	NUMBER	DATE
CASH			
CHECK			

RECEIVED THE AMOUNT STATED ABOVE.

No. BulSU 2456231

COLLECTING OFFICER

NOTE: Write the number and date of this receipt on the back of check received.

PRINTED BY NATIONAL PRINTING OFFICE EDSA COR. NPO ROAD, DILIMAN, QUEZON CITY

Appendix G

Capstone Project Final Defense Evaluation

Appendix H

Certificate Against Intellectual Fraud and Dishonesty

CERTIFICATION AGAINST INTELLECTUAL FRAUD AND DISHONESTY

On my honor, I thus certify that the contents of this Capstone Project Documentation are the result of my own intelligence, and that I have properly attributed sources and references. If competent authorities find that what I wrote in this Capstone Project Documentation was gained by fraudulent exploitation of other people's ideas or information, I will bear the penalty or sanction imposed by the College of Information and Communications Technology that goes along with such dishonest behavior.

Claro, Sharvien Paul M.	
Gabutina, Carlo Elijah R.	
Mauricio, Angelo D.	
Mergal, Jhan Mar D.	
Nacional, Kristine Joy S.	
Navarro, Rovi Keith Y.	
Tapang, Jhel Ansel D.	

Note: The proponents attached with the certification, the first five pages of the plagiarism report. The complete plagiarism report was submitted to the Capstone Project Coordinator, as part of the requirements of the course.

Appendix I

User Manual

CASA REAL SHRINE MUSEUM

User's Manual

This document was created prior to the use of the VirtualShrine Content Management System. This Document has been issued to the Curator of the Museum as for their reference regarding the use and procedures of reservation of the VirtualShrine Content Management System.

The Front Office:

Description: The front office is where the visitors can view the features of the VirtualShrine Website. Navigate the Museum using the navigation features of the system. The Visitor can also make booking anytime of the day.

To access the front office kindly visit http://virtualshrine.online, the home page of the website will appear.

The Homepage

The homepage is the main portal to the entire website. It creates the first impression for visitors and quickly comes to represent the museum to its online audience
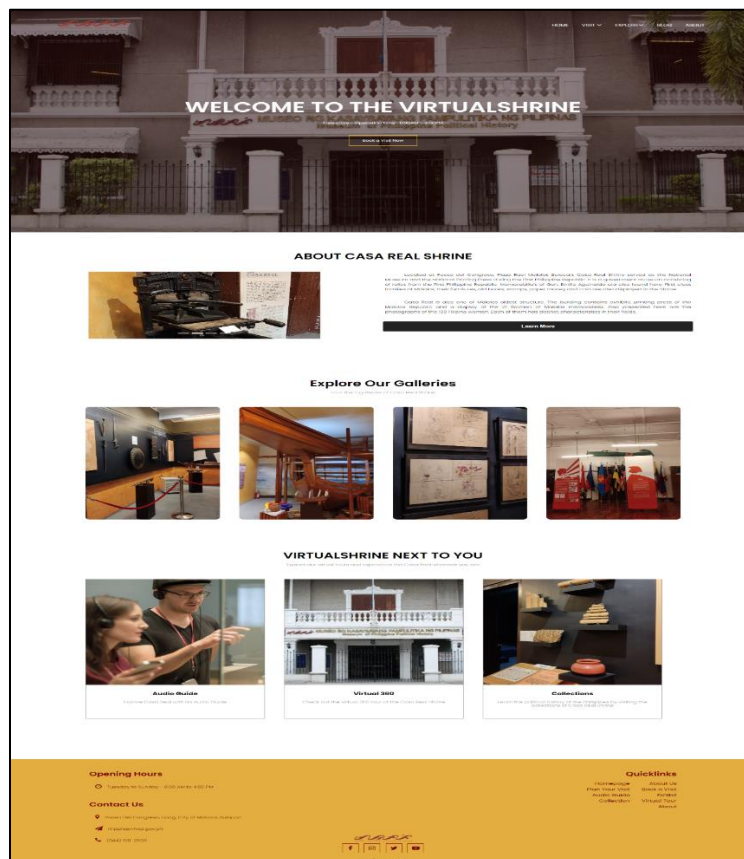
The Homepage Header

      The website header is where the navigation tags, book now button, and website logo are located. The navigation tags are located on the top of the header where it is aligned with the logo. The header also provides quick access to the booking form.

The Homepage Contents

      This section displays the highlight features of the website.
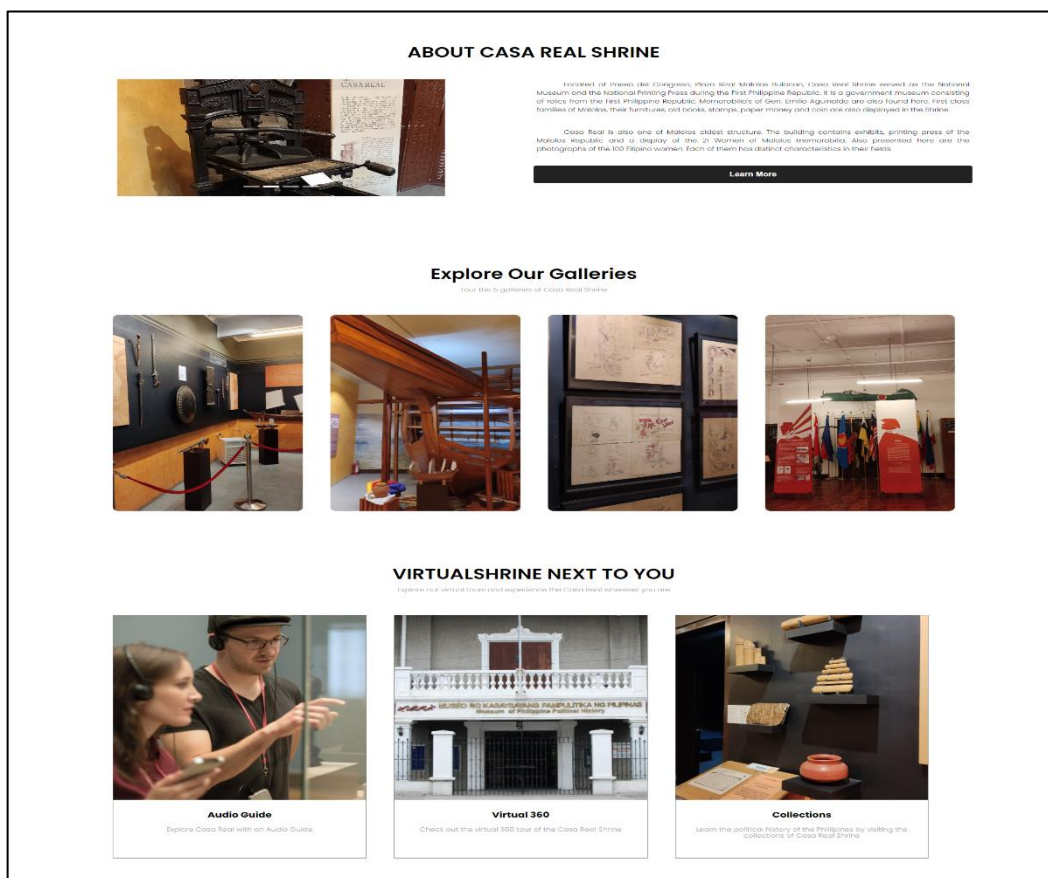
Footer

This section displays the general information about the museum such as contact information, and social media quick links that can redirect the visitor to the social media accounts of the museum.
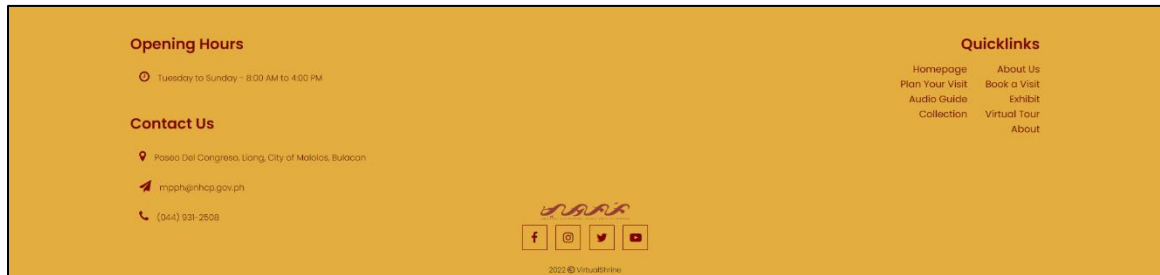
Booking Consent Form

This process allows the visitor to read and understand that the booking process will require the visitor to provide sensitive information. This serves as an agreement between the Visitor and the Museum.

The Online Booking Process

This page is where the reservation process is done. The labels with red asterisk(*) means that the information is required, and visitor will not be able to proceed without providing the required information.

1. **Enter the Schedule of the visit**

This section in the booking form is where the visitor can provide the booking schedule information they want.
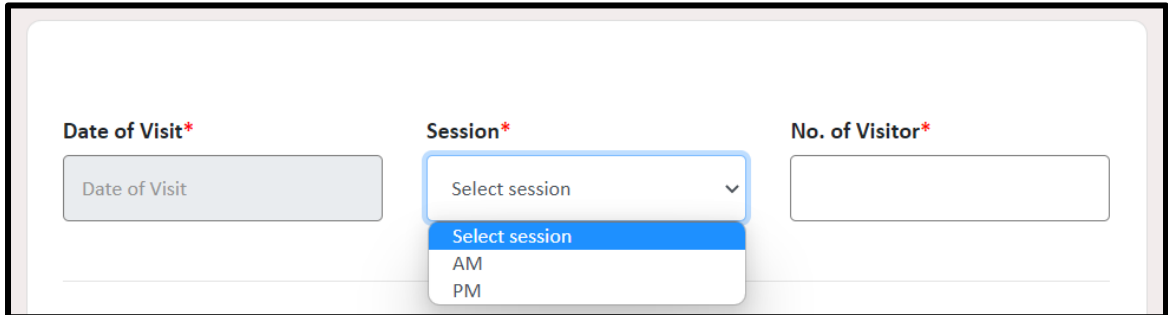
1.1. Select a Date
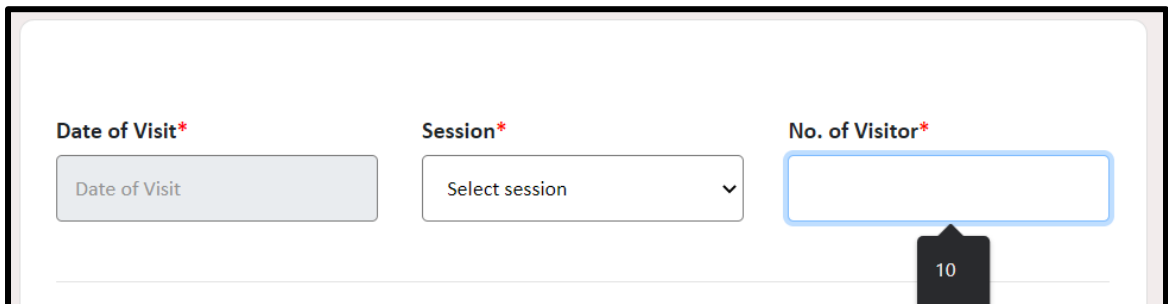
It allows the visitor to select the date of visit. The calendar also automatically disables the dates that have already passed, as well as the dates every Monday because the museum is closed.

1.2. Select Session

The visitor can select the session of their visit.

1.3. Enter Number of Visitor

This is where the visitor can enter the number of visitors.

2. Enter Visitor/Representative Information

This section of the booking form is where the visitor will enter the required information. The following information is needed for communication, and identity verification process.

Name of Representative

First Name*

First Name

Last Name*

Last Name

Email*

Email

Mobile Number*

Mobile Number

Attach ID*

Choose File No file chosen

Name of Company/Agency (If applicable)

Name of Company/Agency

2.1 Enter First Name, Last Name, Email, Mobile Number of Visitor

This is where the user will enter some of the information that the booking form asking like First Name, Last Name, Email and Mobile Number

First Name*

First Name

Last Name*

Last Name

Email*

Email

Mobile Number*

Mobile Number

2.2 Uploading Valid ID

The Visitor will upload a picture or their valid ID by clicking Choose File.

Attach ID*

Choose File No file chosen

The Back Office:
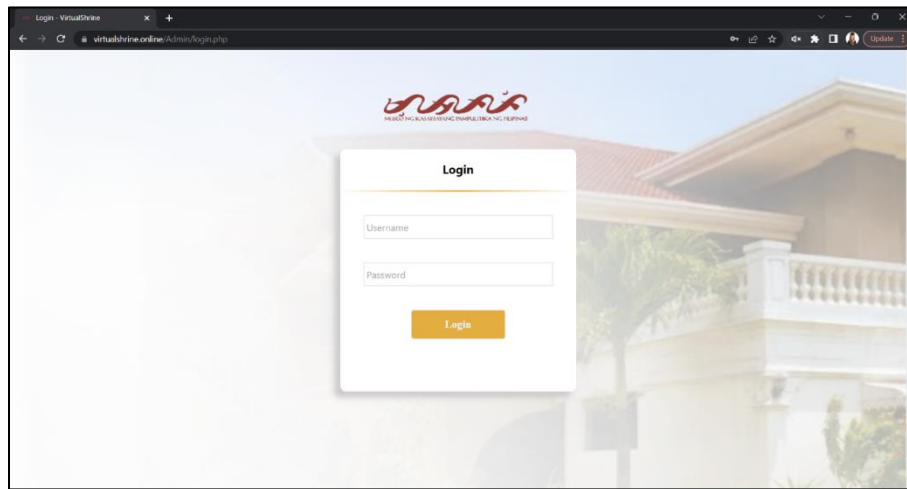
The log in page

      The log in page is where the user will use the created account to access the admin page. By entering the correct username and password, if the credentials were incorrect then a prompt will show that they are incorrect.
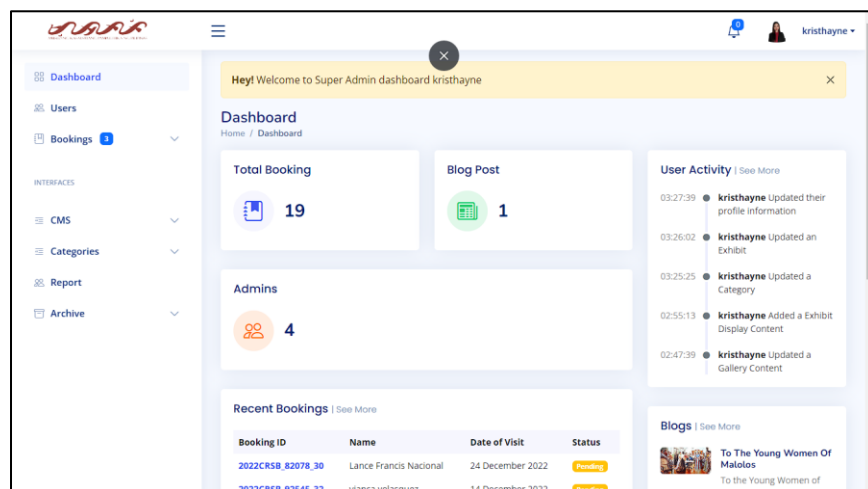
Dashboard

      After successfully logging in, you will be redirected to the dashboard. Here you will see on the main dashboard are the total booking, blog post, user activity, admins, recent bookings, blogs and user admins. On the left side panel are more tools for the website.

User/Assistant Admin page

On this page, the user can add, edit and archive an employee's account.

Booking page:

1.0 Pending Booking

This page is where the list of pending bookings is kept. List shows the information of each pending requests such as ID, Name Date of Visit, No. of Visitors, Status and Action. The user can approve by clicking the approve button, reject by clicking the reject button and view the details by clicking the view details.

1.2 Approved Booking

This page is where the list of the approved bookings is kept. The user can choose to limit the viewed entries by clicking the drop-down icon on the top left and choose whether to view 10 entries up to 100 entries. The user can view the details as well.
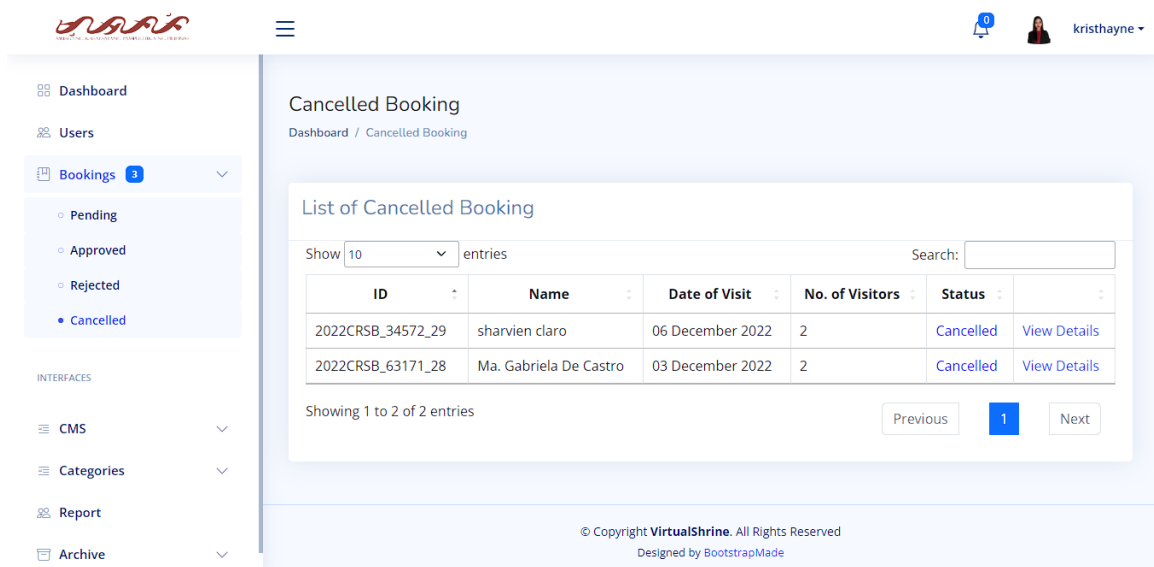
1.3 Rejected Booking

This page is where the list of rejected bookings are kept. Same as the Approved Booking, the user can limit the viewed entry list on the top left and view the details.
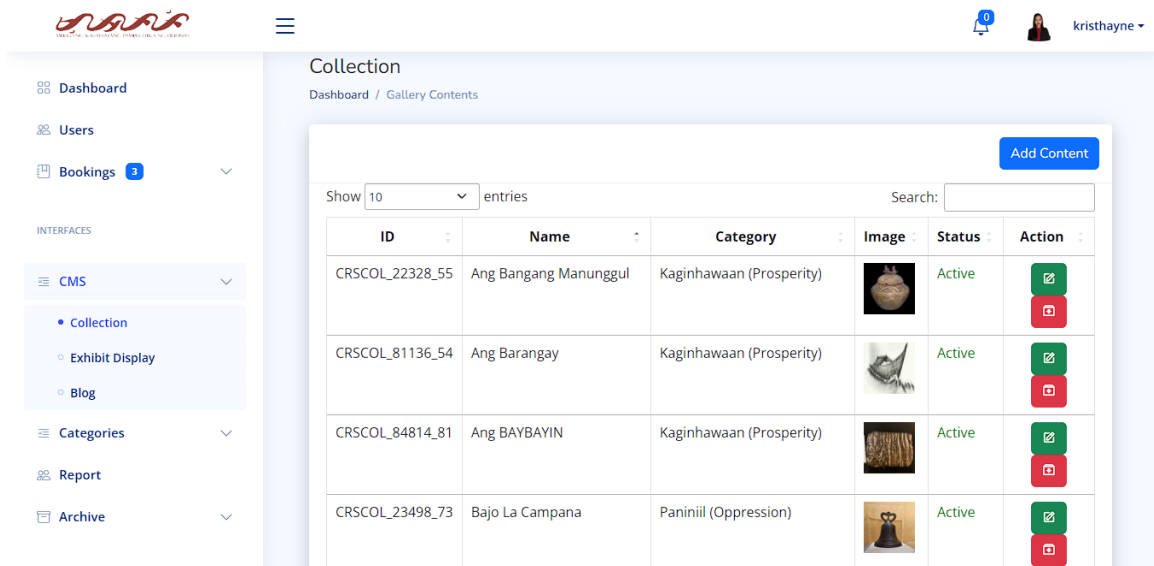
1.4 Cancelled Booking

On this page is where the cancelled bookings are kept. Like the Approved and Rejected Booking pages, the user can limit the viewed entry list on the top left and view the details.

CMS (Content Management System)

1.0 Collection

This section of CMS is where the user can see contents of the gallery. Options for the user to use such as add content by pressing the add content button, on the action tab, the edit button and the archive button, a message will show after successfully archiving a content.

1.2 Edit Content

The section of the Collection after pressing the edit button, the user can now add the information on their respected text box. Pressing the status box will make the currently editing content active after pressing the update button on bottom. The user can upload images and audio files for each content made.

2.0 Exhibit Display

This section of CMS is where the user can view the contents of the exhibit displays. The user has multiple options such as adding displays by pressing the add display button, edit by pressing the edit button (the green on the Action tab) and the archive by pressing the archive button (the red on the Action tab).

3.0 Blog

This section of the CMS is where the user can view the blogs created. With multiple actions the user can do like create blog by pressing the create blog button, editing and archiving blogs by pressing their respective buttons in the action tab.

3.1 Edit Blog

This section in the edit blog, the user can now put any information necessary on the relevance of the blog the user is planning on creating. The user can also upload images and by clicking the status box, it will make the blog active and show on the website to be seen in public after editing, by pressing the update button.

Categories:

1.0 Gallery Category

This page is where the user can view the gallery category where most of the exhibits are placed and organized in their respective places. The user can add another gallery by pressing the add gallery button, edit and archive a gallery by pressing the buttons on the action tab.

2.0 Exhibits

This page is where the user can view the exhibits. The user can add an exhibit by pressing add exhibit button, the user can add the duration of the exhibit to when will it start and when will it end and it will show on the duration tab of the page. The user can also edit and archive exhibits by pressing the buttons on the action tab.

Activity Report

The user's current or previous actions are recorded om this page. They are categorized in ID, Name of the user, Action Made by the user and Date Created. The user can also print the activity report by pressing the Print button.

Bookings **3**

INTERFACES

CMS

Categories

Report

Archive

○ Users

○ Collection

● Exhibit Display

○ Blog

○ Gallery Category

○ Exhibits

kristhayne ▾

Archived Exhibit Display
Dashboard / Archived Exhibit Display

Show 10 entries   Search:

ID	Name	Status	Action
CRSEXDIS_81720_5	Cory Aquino	Archived	Recover

Showing 1 to 1 of 1 entries   Previous 1 Next

© Copyright **VirtualShrine**. All Rights Reserved
Designed by BootstrapMade

Archive: User, Collection, Exhibit Display, Blog, Gallery Category and Exhibits

This page contains all the archived content and are organized based on where the content originally created.

Curriculum Vitae

Sharvien Paul M. Claro
Borol 2nd Balagtas Bulacan
09062698915
sharvienpaul.claro.m@bulsu.edu.ph

EDUCATIONAL BACKGROUND:

TERTIARY EDUCATION:	Bulacan State University (Main Campus) Malolos, Bulacan 2019 – Present
HIGHER SECONDARY EDUCATION:	Dr. Yanga's College INC 182 MacArthur Hwy, Bocaue, 3018 Bulacan 2017 – 2019
LOWER SECONDARY EDUCATION:	Balagtas National Agricultural High School Pulong Gubat, Balagtas, 3018 Bulacan, Philippines. 2013 – 2017
PRIMARY:	ABACADA International School Balagtas, Bulacan 2007 – 2013

HONORS AND AWARDS:

HIGHER SECONDARY EDUCATION:
- With Honors

TERTIARY EDUCATION:
- Dean's List

TRAININGS/SEMINARS ATTENDED:

- StackLeague University Series: Bulacan State University Edition (2022)

Carlo Elijah R. Gabutina
#30 Kilowatt, Meralco Village, Lias Marilao Bulacan
09092065191
carloelijah.gabutina.r@bulsu.edu.ph

EDUCATIONAL BACKGROUND:

TERTIARY EDUCATION:	Bulacan State University (Main Campus) Malolos, Bulacan 2018 – Present
HIGHER SECONDARY EDUCATION:	ACLC College of Meycauayan MC Mall Building, McArthur Hi-way Banga Meycauayan 2016 – 2018
LOWER SECONDARY EDUCATION:	Barcelona Academy 35, Lias Road, Marilao, 3019 Bulacan 2012 – 2016
PRIMARY:	Barcelona Academy 35, Lias Road, Marilao, 3019 Bulacan 2006 – 2012

TRAININGS/SEMINARS ATTENDED:

- StackLeague University Series: Bulacan State University Edition (2022)
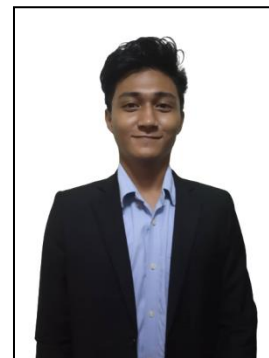
WORK EXPERIENCE:

- Work Immersion
- Assistant to the supervisor in ACLC

Angelo D. Mauricio
164 Agoncillo Street Ana Maria Village Iba Meycauayan Bulacan
09756759366
angelo.mauricio.d@bulsu.edu.ph

EDUCATIONAL BACKGROUND:

TERTIARY EDUCATION:	Bulacan State University (Main Campus) Malolos, Bulacan 2019 – Present
HIGHER SECONDARY EDUCATION:	ACLC College of Meycauayan MC Mall Building, McArthur Hi-way Banga Meycauayan 2017 – 2019
LOWER SECONDARY EDUCATION:	A.F.G. Bernardino Memorial Trade School Lias Rd, Lias, Marilao, Bulacan 2013 – 2017
PRIMARY:	Trinitas College Pantoc Rd, Meycauayan, Bulacan 2007 – 2013

HONORS AND AWARDS:

HIGHER SECONDARY EDUCATION:
- With Honors (Senior High School)

TERTIARY EDUCATION:
- Dean's List

TRAININGS/SEMINARS ATTENDED:

- IT week seminars
- StackLeague University Series: Bulacan State University Edition (2022)

WORK EXPERIENCE:

- Work Immersion

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EDUCATIONAL BACKGROUND:

TERTIARY EDUCATION:	Bulacan State University (Main Campus) Malolos, Bulacan 2019 – Present
HIGHER SECONDARY EDUCATION:	ACLC College of Meycauayan MC Mall Building, McArthur Hi-way Banga Meycauayan 2017 – 2019
LOWER SECONDARY EDUCATION:	Antique National School Tobias A. Fornier Street, San Jose de Buenavista, Antique 2013 – 2017
PRIMARY:	Malandog Elementary School Malandog Hamtic Antique 2007 – 2013

HONORS AND AWARDS:

PRIMARY:
- Class Valedictorian (Class 2012 – 2013)

HIGHER SECONDARY EDUCATION:
- With Honors (Grade 11)
- With High Honors (Grade 12)

TERTIARY EDUCATION:
- Dean's List

TRAININGS/SEMINARS ATTENDED:

- StackLeague University Series: Bulacan State University Edition (2022)

WORK EXPERIENCE:

- Special Program of the Employment of Students (SPES) - 2015
- Work Immersion

Rovi Keith Y. Navarro
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EDUCATIONAL BACKGROUND:

**TERTIARY
EDUCATION:**

Bulacan State University (Main Campus)
Malolos, Bulacan
2019 – Present

**HIGHER SECONDARY
EDUCATION:**

Pampanga Colleges
Poblacion Macabebe Pampanga
2017 – 2019

**LOWER SECONDARY
EDUCATION:**

Caduang Tete High School
Purok Rosal Caduang Tete Macabebe Pampanga
2013 – 2017

PRIMARY:

Caduang Tete Elementary School
Centro Caduang Tete Macabebe Pampanga
2007 – 2013

HONORS AND AWARDS:

HIGHER SECONDARY EDUCATION:
- With Honors (Senior High School)

TRAININGS/SEMINARS ATTENDED:

- IT week seminars
- StackLeague University Series: Bulacan State University Edition (2022)
- Research seminar in Pampanga Colleges

WORK EXPERIENCE:

- Work Immersion
- Assistance to the Administrator in STI

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EDUCATIONAL BACKGROUND:

TERTIARY EDUCATION:	Bulacan State University (Main Campus) Malolos, Bulacan 2019 – Present
HIGHER SECONDARY EDUCATION:	La Consolacion University Philippines Bulihan Malolos Bulacan 2017 – 2019
LOWER SECONDARY EDUCATION:	Dampol 1st National High School Dampol Plaridel Bulacan 2013 – 2017
PRIMARY:	Santisima Trinidad Elementary School Santisima Malolos Bulacan 2007 – 2013

HONORS AND AWARDS:

HIGHER SECONDARY EDUCATION:
- With Honors (Junior High School)

TRAININGS/SEMINARS ATTENDED:

- CICT Week
- IT Week Seminar
- StackLeague University Series: Bulacan State University Edition (2022)

WORK EXPERIENCE:

- Work Immersion