WORK EXPERIENCE

I am an Licensed Electronics Engineer here in the Philippines. My work experience in web developing is a Project based experience. I'm doing this for almost 3 years. I'm also taking individual clients who need my expertise, skills and knowledge in web development.

My role is responsible for designing, coding and modifying websites, from layout to function and according to a client's specifications. Strive to create visually appealing sites that feature user-friendly design and clear navigation.

I'm also the database administrator, I'm responsible for the performance, integrity and security of a database. Updating and amending existing databases. Setting up and testing new database and data handling systems. Monitoring database efficiency

The following are the projects that I developed:

SCRIBE PROJECT - https://www.adzu.edu.ph/host/scribe/index.php (2016 April-2017 March)

A real time crime monitoring and crime mapping incidents, a Project implemented by the local police Department of Zamboanga City. Certificates of appreciation was awarded to us(developers)

Web Developer and Database administrator

Technical Roles and Duties

Front End

- Using HTML and CSS for the Graphical User Interface Design
- Using JavaScript, AJAX, and JQuery for the website to become more interactive, lively and user-friendly

Back End

- Using PHP language for some of back end functions needed in the websites.
- Using JavaScript Language to manipulate and configure google Map API for the display and functions of Google map.
- Using PHP language for interfacing the MYSQL database and the website application.

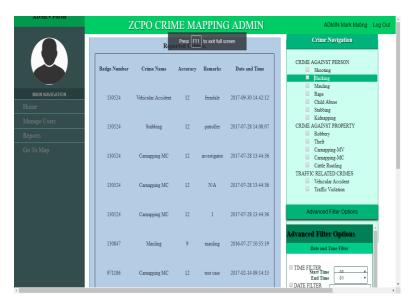
Others

- Monitoring and Correcting errors, bugs and downtime of the application
- Making sure the information is being received and save correctly.
- Maintain and secure confidential information and backing up data from the database.
- o Integration and installation of some electronics device needed in the Project.

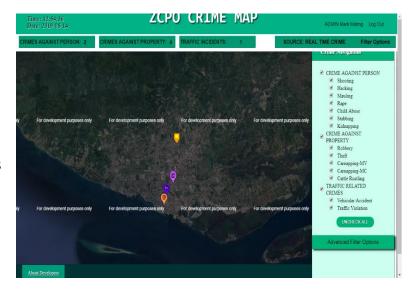
This is the User Interface for the User management where you can edit and add new account for the Users.



This is design for the tabular data of the crimes happened in Zamboanga City. A filter Options was added for easy access of the data needed.



This is the design for the Google Map
Marker Data for the crimes and
accomplishment happened in
Zamboanga City, GPS coordinates was
used to put specific marker for each
category. A filter options is also
added.



FLEET SCRIBE PROJECT - https://zcpo-fleet-management.firebaseapp.com/ (2017 Nov - 2018 March)

Real Time Tracking or locating the exact locations of the police personnel, mobile patrols and police motorcycles around Zamboanga City.

Web Developer and Database administrator

Technical Roles and Duties

Front End

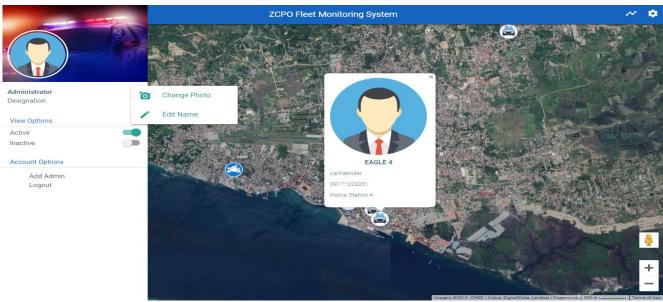
- Using HTML and CSS for the Graphical User Interface Design
- Using JavaScript, AJAX, and JQuery for the website to become more interactive, lively and user-friendly

Back End

- Using PHP language for some of back end functions needed in the websites.
- Using JavaScript Language to manipulate and configure google Map API for the display and functions of Google map.
- Using PHP language for interfacing the MYSQL database and the website application.
- Using google cloud to host our web application.

Others

- Monitoring and Correcting errors, bugs and downtime of the application
- Making sure the information is being received and saved correctly.
- Maintain and secure confidential information and backing up data from the database.
- o Integration and installation of some electronics device needed in the Project.



This is the Homepage of the FLEET SCRIBE PROJECT. A live or real time tracking of the police personnel, motorcycles and mobile patrols using Google Map.

SALAS PROJECT - https://www.adzu.edu.ph/host/slas/index.php (2016 Dec-2017 March)

A SALAS is one of the finalist of a famous Technological Innovation Competition (SMART SWEEP) in Philippines. I am one of the hired developer to develop this system. SALAS is an online reservations of function halls in the Philippines.

Web Developer and Database administrator

Technical Roles and Duties

Front End

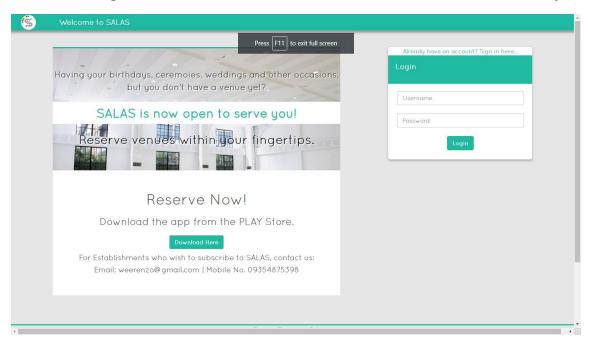
- Using HTML and CSS for the Graphical User Interface Design
- Using JavaScript, AJAX, and JQuery for the website to become more interactive, lively and user-friendly

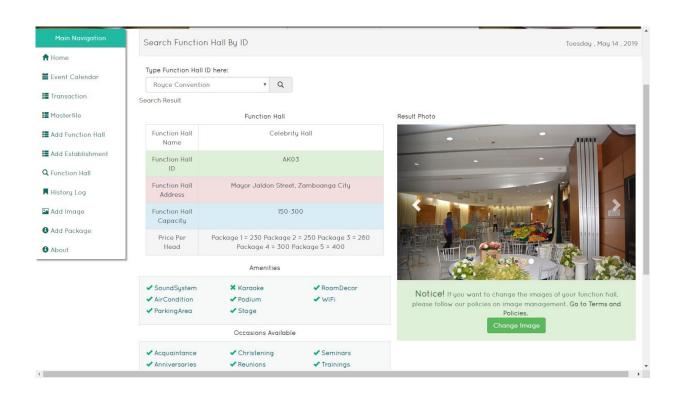
Back End

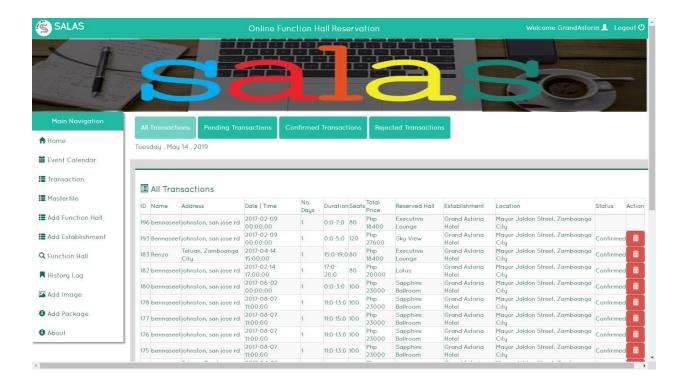
- o Using PHP language for some of back end functions needed in the websites.
- Using JavaScript Language and PHP language to manipulate and configure google API like google calendar and google auto suggestion for address/location.
- Using PHP language for interfacing the MYSQL database and the website application.

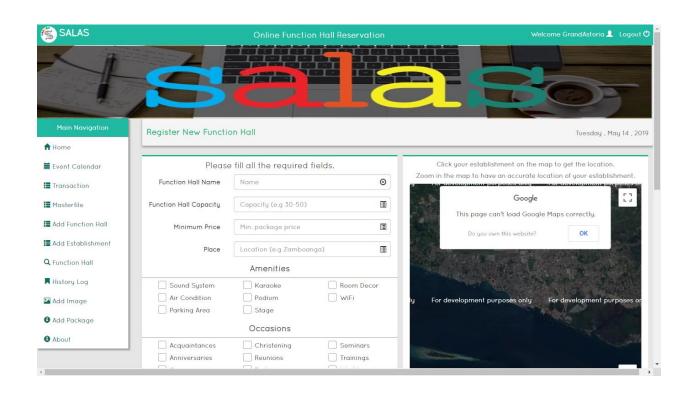
Others

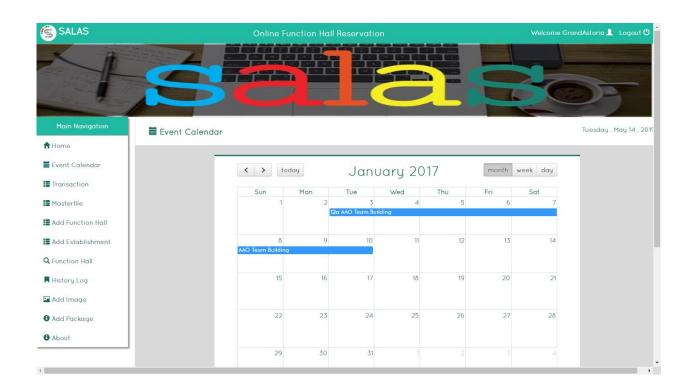
- Monitoring and Correcting errors, bugs and downtime of the application
- Making sure the information is being received and saved correctly.
- Maintain and secure confidential information and backing up data from the database.
- o Integration and installation of some electronics device needed in the Project.











Sideline Projects Experience:

- I was able to integrate some electronics devices in my programming like RFID readers.
 - I made a system for the client to have visitor management system in their school.
 - o The system was composed of web application with RFID reader.
 - The Task was, when a visitor will have an appointment in their school the administrator will need to have the information of the visitor integrated to the RFID ID card.
 - I was able to make this project successfully and the client was happy and I
 Deliver the product on time.
- Online appointment System
 - This system was related to the previous one. The information of the visitor was extract from the online appointment server where the visitor set an appointment for a particular office in their school.
 - This system is web application using HTML, CSS, JAVASCRIPT, AJAX,
 JQUERY for the front end and, PHP and MYSQL for the back end side.

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