**Title Proposal**

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| **Project Title:** | Web-Based Classroom Utilization in Guimaras State University – Mosqueda Campus |
| **Researchers:** | 1. Princess Charmagne Lee D. Igpuara  2. Vince Carlo A. Delgado  3. Renz Novera  4. Lendon Reballos  5. Karla Joy Gustilo |
| **Proponent of the Study** | The project is proposed by the Bachelor of Science in Information Technology Students under the College of Science and Technology of Guimaras State University – Mosqueda Campus Students. |
| **Statement of the Problem** | Guimaras State University-Mosqueda Campus have more than 6000 students taking courses under the College of Science and Technology. The campus provides 8-Deb room, 4 Computer Laboratory rooms, a0nd a Tech4Ed room. According to the data there are 25 sections from 1st year to 4th year. Despite having class schedules there are still conflicts about the usage of the classrooms that leads to unwanted casualties. Some may have scheduled classes on that classroom yet they didn’t conduct their class not knowing other sections are conducting class somewhere uncomfortable. There are also cases where two sections are scheduled on that classroom at the same time. Other students stay on the classroom even though they don’t have class there where it should be occupied by those who have classes but didn’t have schedule. The Campus Administrator Dr. Kert D. Pillora always raise his concern regarding the cleanliness of the classrooms and the usage of the equipment’s. Dr. Pillora warned the faculty members and students about his concern. There are some improvements but only a few applies to themselves the tag line of Mosqueda Campus which is “Sa Mosqueda may Disiplina”. The Web-Based Classroom Utilization is an online website that governs the classroom availability, reservation, cleanliness, class schedules, teachers and students’ attendance. The system provides an information about the instructor who occupied the classroom that includes classroom name, instructors name, subject, course and section, list of names and numbers of student present on that classroom. This system helps the faculty members and students to find available classroom that they can occupy to conduct their class. It also helps to locate the faculty member or student inside the campus to discuss some matter with them. |
| **Objectives of the Study** | General:  This study aims to help faculty members and students to find available classroom to conduct their class even without schedule and checking classrooms around the campus physically. To easily locate the faculty member and students around the campus and to monitor the use of classrooms and equipment’s.  Specific:   * To find available classroom without checking physically. * To lessen the time consumed finding available classroom around the campus. * To assess the classrooms cleanliness and use of equipment’s. * To monitor Instructor and Students attendance based on the class schedules and classroom assigned to them where they can conduct their study. * To easily locate faculty members or students around the campus to discuss some matters or in time of emergency. * To monitor who’s liable of the classroom by browsing the history to know who was the last Instructor and Section used the classroom |
| **Scope of the Study:** | This study aims to focus on the utilization of classrooms to organize the schedule of usage of the classrooms, maintaining cleanliness and usage of equipment’s in Guimaras State University-Mosqueda Campus. |
| **Limitations of the Study:** | This study is limited to utilizing the use of classrooms with a reservation and scheduling when to use the classroom that monitors faculty members and students’ attendance |
| **Project Design/ Development Plan:** | * Program Specification:   This website will develop using mark-up language and frameworks such as html and bootstrap. It features is include to be responsive in web and mobile devices, occupying classroom, locate instructors and to determine who use the classroom.   * Software Specification:   The backend will be built using PHP and MYSQL for real time database management. The php handle the backend while MYSQL used to retrieve and store data efficiently. |

**Title Proposal**

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| **Project Title:** | Document tracking system in Guimaras State University-Mosqueda Campus |
| **Researchers:** | 1. Princess Charmagne Lee D. Igpuara  2. Vince Carlo A. Delgado  3. Renz Novera  4. Lendon Reballos  5. Karla Joy Gustilo |
| **Proponent of the Study** | The project is proposed by the Bachelor of Science in Information Technology Students under the College of Science and Technology of Guimaras State University – Mosqueda Campus Students. |
| **Statement of the Problem** | Academic Institutions is having hard time in documenting and tracking each request or transaction. One of the problems that they often encounter is losing significant documents without a back-up document. It is time-consuming in finding records or tracking specific requests. The Document tracking system is an online web-based system that tracks documents using QR code. This system will implement an attachment of QR code in every document that the faculty members and staff will be creating. The QR code attached to the documents will be stored in a database that will be organized into different types like student’s information, communication letters and others. The respective office will provide a filing box that will also have a QR Code which will act as a folder where the same letters are keep. The documents from offices will be stored in every folder on the website. All faculty members and staff can access the website and view the file to locate which office the document is placed. They can also request permission to access the files to download or make changes on it. The system uses QR code to track documents. This system will implement an attachment of QR code in every document that the faculty members and staff will be creating. The QR code attached to the documents will be stored in a database that will be organized into different types like student’s information, communication letters and others. The respective office will provide a filing box that will also have a QR Code which will act as a folder where the same letters are keep. The documents from offices will be stored in every folder on the website. All faculty members and staff can access the website and view the file to locate which office the document is placed. They can also request permission to access the files to download or make changes on it. |
| **Objectives of the**  **Study** | Objectives:  General Objectives:  This study aims to fasten the filing and finding of the documents around the Guimaras State University-Mosqueda Campus.  Specific Objectives:   * To file the document accordingly. * To easily locate or find the documents needed. * To access files from other offices. * To identify missing documents. * To keep track of the whereabouts of the documents |
| **Scope of the Study:** | This study focuses on developing a Document Tracking System (DTS) for the University which will facilitate the movement of documents from one unit or office to another and keep track of the whereabouts of these documents in process. |
| **Limitations of the Study:** | This study is limited to produce a system that would facilitate the management of documents in Guimaras State University-Mosqueda Campus by providing a way to monitor, record and track the location of the documents. |
| **Project Design/ Development Plan:** | * Program Specification:   It is a web-based document tracking system that uses HTML for the structure and Bootstrap for any responsive design. This system will also allow the users to be categorized and easily search, manage, upload, and access the documents, particularly on the Guimaras State University-Mosqueda campus. It's also a user-friendly interface system.   * Software Specification:   The tracking system can be implemented by using a custom software solution that is developed with PHP for server-side scripting and MySQL for database management. This system software will provide a lot of features, including document upload, categorization, search functionality, and user access controls, ensuring efficient document management within the Guimaras State University-Mosqueda Campus. |

**Title Proposal**

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| **Project Title:** | Enrollment Portal System for students in Guimaras State University-Mosqueda Campus |
| **Researchers:** | 1. Princess Charmagne Lee D. Igpuara  2. Vince Carlo A. Delgado  3. Renz Novera  4. Lendon Reballos  5. Karla Joy Gustilo |
| **Proponent of the Study** | The project is proposed by the Bachelor of Science in Information Technology Students under the College of Science and Technology of Guimaras State University – Mosqueda Campus Students. |
| **Statement of the Problem** | The emergence of information technology (IT) has brought about modifications to the process of teaching and learning. IT is radically changing how knowledge is acquired and how education is delivered. These days, enrollment portal systems are essential to any modern school. They are essentially safe web-based systems that simplify the process of enrolling students, turning it from a paper-based maze into an easy-to-use digital interface. Organizing and automating the application process is the main function of an enrollment portal system. Through the website, prospective students can go through the programs that are offered, apply online, and upload required files like exam results and transcripts. The system makes document management more efficient, making tracking and verification simple. Furthermore, portals frequently interface with financial assistance programs, allowing students to electronically apply for grants and scholarships. Portals improve communication by giving institutions a way to recall and inform applicants. This study is online enrollment system that enable students in Guimaras State University to enroll into their subjects prior to their different subjects that be taken for the Academic Year. The system's capabilities strongly recommend that respondents should continue its implementation. This is the researchers want to look for the effective online enrollment portal for students in the Guimaras State University. The Enrollment portal system are essentially safe web-based system that simplify the process of enrolling students. Organizing and automating the application process is the main function of this system. Through the website the students can apply online and upload required files for enrollment like medical certificates, parents’ consent and others. The system makes the document management more efficient, making tracking and verification easier. Furthermore, portals frequently interface with financial assistance programs, allowing students to electronically apply for grants and scholarships. |
| **Objectives of the Study** | General:  This study aims to enable students of Guimaras State University-Mosqueda Campus to enroll into their subjects prior to their different subjects that should be taken for academic year.  Specific:   * To produce and provide mechanism for online enrollment to help the enrollment process. * To minimize the time and effort of the students during enrollment season. * To lessen the workloads OSDS staffs to achieve a smoother enrollment process. * To bring the level of student record into a structured form. * To develop an accurate and easiest way of enrollment of the students   of Guimaras State University – Mosqueda Campus by accessing it into the internet. |
| **Scope of the Study:** | This study aims to focus on developing a system that will introduce to the school the beauty and functionality of using cloud storage on helping them to compile and manage students records on enrollment season and provide security.  and back-up for the student information whenever there is a data loss. |
| **Limitations of the Study:** | This study is limited to produce an online Enrollment Portal to lessen the time of processing and organizing documents of the students enrolling in Guimaras State University – Mosqueda Campus. |
| **Project Design/ Development Plan:** |  |

**Title Proposal**

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| **Project Title:** | GSUSR MOnitorMate: Monitoring students’ attendance and Community Service |
| **Researchers:** | 1. Princess Charmagne Lee D. Igpuara  2. Vince Carlo A. Delgado  3. Renz Novera  4. Lendon Reballos  5. Karla Joy Gustilo |
| **Proponent of the Study** | The project is proposed by the Bachelor of Science in Information Technology Students under the College of Science and Technology of Guimaras State University – Mosqueda Campus Students. |
| **Statement of the Problem** | The GSUSR Officers of Guimaras State University implememted the use of a monitoring folder to keep track of the students’ attendances during flag ceremony, flag retreat and school activities. To use the folder as a means of enforcing sanctions for their absences during the said events. The monitoring folders will be categorized by color according to each year level, Green for 1st year, Yellow for 2nd year, Blue for 3rd year, and Red for 4th year. The folders will be checked at every flag-raising ceremony, flag-retreat ceremony, and activity that our campus partakes in and the signing of each folder will be facilitated by the SR Officers. There will be a sanction which is in every absence is equivalent to 30 mins community service. However, monitoring the student’s attendance and counting of the total number of community hours takes a lot of time and effort. The GSUSR needs to stamps students’ folders every flag ceremony, flag retreat and school activities. Afterwards, they will count 600+ folders and convert the absences into number of hours for community service. The GSUSR MonitorMate is an online website for monitoring students’ attendance during flag ceremony, flag retreat and school activities. This system uses QR Codes to check students’ attendance then stores the information in a database which will become the bases of the counting of students’ attendance and absences. It automatically converts the absences into number of community service hours that students need to complete as their consequence for being absent. The system provides a stop watch like design for the time in and time out of the students. It also has a message menu where students can express their thoughts, concerns or complaints that may include the excuse letters why they were absent. This system enables to make a clear flow for the monitoring of attendance and complying for community service. |
| **Objectives of the**  **Study** | Objectives:  General Objectives:  This study aims to monitor students’ attendance during flag ceremony, flag retreat and school activities. Automatically calculate the absences of students and convert it into the total number of community service hours that must be done inside Guimaras State University-Mosqueda Campus.  Specific Objectives:   * To lessen the workload of GSUSR Officers. * To monitor students’ attendance during flag ceremony, flag retreat and school activities. * To make the student access the attendance monitoring without looking for the GSUSR Officer around the campus. * To sum up the total absences of the students every end of the month. * To automatically convert the number of absences into community service hours. |
| **Scope of the Study:** | This study focuses on developing an online based QR code monitoring of students’ attendance that automatically count absences and convert students’ community service hours. |
| **Limitations of the Study:** | This study is limited to create an online platform for GSUSR officers that helps them monitor students’ attendance and community service in Guimaras State University-Mosqueda Campus. |
| **Project Design/ Development Plan:** |  |

**Title Proposal**

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| **Project Title:** | GSUSR Officers Attendance and Voting System in Guimaras State University-Mosqueda Campus |
| **Researchers:** | 1. Princess Charmagne Lee D. Igpuara  2. Vince Carlo A. Delgado  3. Renz Novera  4. Lendon Reballos  5. Karla Joy Gustilo |
| **Proponent of the Study** | The project is proposed by the Bachelor of Science in Information Technology Students under the College of Science and Technology of Guimaras State University – Mosqueda Campus Students. |
| **Statement of the Problem** | Guimaras State University Student Republic is a student organization under the Office of Student Development (OSDS). This organization governs students’, student related activities and other concerns. They organize events in the benefit of the students like orientations, symposiums, team building, academic and sport activities in students’ leisure time. GSUSR Officers are required to render duty at the office, preparation for the event and on the event area. The GSU Student Republic officers are elected by the students to lead them. There is an electoral board that will govern the election and electoral committee assigned to every campus to assist students on the election day. After the given time to vote the ballots will be counted manually that takes so much time and effort to do. |
| **Objectives of the**  **Study** | Objectives:  General Objectives:  This study aims to monitor the attendance and duty hours of GSUSR Officers and to digitalize the voting system for a fast and convenient election.  Specific Objectives:   * To monitor the attendance of GSUSR Officers during duty hours. * To recognize the GSUSR Officers hardwork based on their attendance. * To build a user-friendly and fast attendance checking website using a QR Code. * To lessen the workload of the Electoral Board and Committee. * To allow student voters to vote without going physically at the precincts. |
| **Scope of the Study:** | This study focuses on digitalizing the GSUSR Officers attendance and voting systems to eliminate the need for traditional paper-based voting. |
| **Limitations of the Study:** | This study is limited to monitoring the attendance of GSUSR Officers during duty hours and to enable student voters to vote online at their desire phase on the given time. |
| **Project Design/ Development Plan:** |  |