# WEB-BASED ENROLLMENT SYSTEM: AN EVALUATION

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# Web-Based Enrollment System: An Evaluation

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## Abstract

This study aimed to evaluate the qualities of use of the Web-based Online Enrollment System of Baliwasan Senior High School Stand-Alone, Zamboanga City for the school year 2021-2022. The teacher-researcher of this study utilized a descriptive quantitative research design employing the survey questionnaire method. The data gathering procedure was done through Google Forms, which, after modifying the adapted questionnaire, were subsequently sent to the students via closed group chat. After data analysis, the researcher found out that the overall level of quality of use of the Web-based Enrollment System was rated "Very good". Furthermore, there are no significant differences in the level of quality of using the Web-based Online Enrollment System assessed by the Grade 11 and Grade 12 students. The results were tabulated for future modification and improvement of the online enrollment system and further studies. This study recommends further improvement in the development of the Web-based Enrollment System. Future researchers are encouraged to continue the study by using similar variables.

Keywords***:*** *Web-based; Enrollment System; Online Enrollment; Quality of Use*

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## Introduction

The COVID-19 case is a confluence of various concerns and difficulties that highlight verifiable evidence that has an impact on various fields, including education. For all industries where mass labor is a significant stakeholder, the damage done around the world has had a staggering effect and extent. These include the education, transportation, and hotel sectors, which are experiencing a severe economic collapse due to significant layoffs and uncontrollable financial instability by numerous institutions.

The effect of this tragic human fate worsens the suffering of people who have lost money as a consequence of the lockdown and economic break (Valera et al. 2020, 2). Everywhere in the world, the educational system is experiencing the same issue. The start of the new school year can be intimidating for both teachers and students as they embark on an extraordinary era of distance education and instruction (Kerry 2020, 3).

However, education must continue to inspire optimism, support the return to normalcy of countrywide operations, aid in the growth of students, and help them resume their normal lives. The foundation of learning and the primary determinant of learning achievement in the field of education is the school. Using various technologies is one way to accomplish the goal of offering services from the school to the learner.

Technology and learning are constantly evolving, and the social economy and educational framework are also constantly changing. The Department of Education issued a directive to provide ongoing access to educational opportunities by conducting an enrollment procedure that is quick, secure, and compliant with the minimal requirements for health and safety (Department of Education, 2021,1). With these rules in place, schools are expected to take the initiative in recruiting distant learners.

Today, a challenge that affects many schools is compliance with health and safety regulations when implementing remote enrollment procedures. This school year, enrollment is mostly managed remotely, particularly in locations covered by Enhance Community Quarantine (ECQ) and Modified Enhance Community Quarantine (MCQ), by tight physical precautions. General Community Quarantine (GSQ) and Modified General Community Quarantine (MGCQ)-affected areas must nevertheless adhere strictly to current health regulations, though (Department of Education, 2021, 1). The enrollment process is also a very difficult task, from the submission of the prerequisites up to the filing of many reports, even before the epidemic. Because there is no other database than the files in the existing database, records are preserved on tons of paper.

The educational system currently uses technology for data processing, record keeping, teaching, and learning, as well as for its enrollment system. One example of an online platform is the usage of a mix of Google's free, web-based editors, including Google Forms, Google Sheets, and Google Sites (Guay, 2016, 3). Users can develop and amend surveys online while interacting with other users in real-time using the unified app (Nation, 2021, 5). A spreadsheet can be automatically updated with the information gathered.

The Baliwasan Senior High School Stand-Alone published its Web-based Enrollment System with challenging targets in supporting the Enrollment Procedure in the Context of the Continuing National Public Health Emergency due to COVID-19 to afford a friendly and simple enrollment process to enrollees and students. The web-based enrollment system (appendix A: image) was created to improve and promote efficient, dependable, and advanced service delivery to students without endangering their welfare. This study was conducted as a consequence to assess the efficiency of the school's web-based enrollment system and establish the range of benefits the system

may provide to the stakeholder. Additionally, attribute gap analysis will be used to improve the system further to resolve the needs and concerns of the students.

## Literature Review

From the perspective of education, schools have also deliberated profoundly on the online enrollment system transaction. The opinions of online enrollment procedures are not well understood (Rodriguez 2014, 8). Additionally, according to a research study, since technology has advanced over time, computers are now employed for computing, communication, and the dissemination of important information (Mina et al. 2021, 3). One of the most important innovations that an educational institution can use in the face of the pandemic is computer digitalization today (Custodio and Castro 2016, 3). The sudden and advanced change in the enrollment system upgrading from conventional to more complicated online platforms to accept the new norm poses a problem to many operational management, including the functional and communication administration of diverse institutions (Kerry 2020, 1).

According to a previous study, which analyzed students' perceptions of the functionality and dependability of the institution's online enrollment system, students as users thought the processes were helpful, dependable, simple to use, and satisfied their needs as users (Rodriguez 2014, 8). To assess if students would accept using an online enrollment process at a higher education institution as a customer, the study also offered and discussed a theoretical foundation and an adaptive model (Rodriguez 2014, 8).

According to an additional study on the creation of a computerized enrollment system, instructors' satisfaction with the system was rated as "Very Acceptable" by the faculty and staff members of the participating school, who were asked to evaluate the usability and effectiveness of the online enrolment system. Although evaluation includes user satisfaction, there is evidence that administrators are more focused on retention and graduation rates than on user perceptions (Caipang 2013, 5). However, institutions typically focus on learner happiness, retention rate, and completion as the key criteria in self-studies, even though service appraisal is an indispensable part of the evaluation procedure necessary for accreditation worldwide (Noel-Levitz 2010, 8).

It is crucial to evaluate the online enrollment system's satisfaction, services, portability, and maintainability (Mina 2021, 7). The online enrollment approach performs better than the in-person enrollment process, claim Thompson and Ahn (2012, 1-3). The institution's dependability is increased by the fact that even students at home can ask for and enroll via the Internet without leaving their homes (Then 2006, 2). Processing online registrations is comparable to this.

## Research Questions

Evaluating the impact of the implemented online enrollment may provide as a springboard for future improvements to the programs already in place at the schools regarding the implementation of modular distance learning. The online system serves as a cautious way of enrolling students.

This study determined the qualities of using the Web-based Online Enrollment System of Baliwasan Senior High School Stand-Alone.

Specifically, this will answer the following problems:

1. What is the level of quality of use of the Web-based Online Enrollment System during the school enrollment, in terms of:
   1.1 Functionality
   1.2 Reliability
   1.3 Usability
   1.4 Efficiency
   1.5 Maintainability
   1.6 Portability
2. Is there a significant difference in the level of quality of use of the Web-based Online Enrollment System during school enrollment between Grade 11 and Grade 12?
3. Based on the findings, what intervention can be designed?

## Scope and Limitation

The limitation is the restrictions set by the researcher to mark the scope of the study. This study is purposely restricted to the experience of the students of Baliwasan Senior High School Stand-Alone in using the Web-based Online Enrollment System during their enrollment. The study was conducted during the school year 2021-2022.

## Method

### Research Design

The study utilized a descriptive quantitative research design without adjusting variables or testing hypotheses, defines the qualities of the group, circumstance, or phenomena under study (Rodriguez 2014, 6-8). Case studies, observational studies, and surveys can all be used to report this. This design is suitable since the study used a survey questionnaire to assess how well the online enrollment mechanism was working.

### Research Participants

The respondents of this study are the expected total number of enrollees from Grade 11 to Grade 12 of Baliwasan Senior High School Stand-Alone for the school year 2021–2022. There were only 745 Grade 11 students and 820 Grade 12 students who completed the survey, for a total of 1,565 students out of approximately 3,000 officially enrolled.

### Research Instrument

The study utilized the survey questionnaire method (Appendix C). The modified survey instrument was adapted from the study conducted by Mina et al. (2021,3-5). The modified questionnaire assesses the functionality, dependability, usability, efficiency, maintainability, and portability of the Web-based Online Enrollment System to determine the level of attributes that the system can offer to the school's stakeholders. Every question on the survey was scored on a 5-point Likert scale: "Highly functional" to "Not functional" for functionality, "Highly reliable" to "Not reliable" for reliability, "Highly usable" to "Not usable" for usability, "Highly efficient" to "Not efficient" for

efficiency, "Highly maintainable" to "Not maintainable" for maintainability, and "Highly portable" to "Not portable" for the level of portability. For the overall quality of use of the Web-based Online Enrollment System during the school enrollment, a verbal description ranging from “Excellent” to “Very Poor” was used. Additionally, the researcher used attribute gap analysis to improve the system further and satisfy respondents' expectations.

**Data Gathering Procedure**

The researcher secured authorization to conduct the research from the superintendent of the school’s division and the principal. After modifying and improving the instrument, the link of the modified survey questionnaire designed in Google form was disseminated to the senior high school students of Baliwasan Senior High School Stand-Alone through their closed group per sections and grade level. For ethical considerations, informed consent was secured automatically upon accessing the provided link.

**Data Analysis**

Responses were tallied once the data collection process was complete to make analysis and data interpretation easier. The obtained information was totaled, checked, and translated. The averageness of replies was assessed using the average mean, weighted mean, and t-test.

## Results and Discussion

**Level of quality of use of the Web-based Enrollment System in terms of functionality**. Functioning is carried out by 5 physical entities. The following includes hardware, computer software, facilities and improvements to real property, procedural definition, and humans following procedures or acting autonomously functioning individuals are among the items mentioned above.

**Table 1: Level of Quality of Use of the Web-based Enrollment System During the School Enrollment, in Terms of Functionality**

| Statement | | | |
|---|---|---|---|
| **Level of Functionality of the School Web-based Enrollment System** | | **Mean** | **Verbal Description** |
| 1 | The system suits its purpose to be an enrollment system. | 3.76 | Functional |
| 2 | The system can register students and enroll them in the right tracks and strands. | 4.56 | Highly functional |
| 3 | The system does not permit unauthorized users | 3.50 | Functional |
| 4 | The system does not permit double entry of students’ registration | 2.25 | Less functional |
| 5 | The system is better than the physical enrollment process. | 3.50 | Functional |
| | **Weighted Mean Rating** | **3.51** | **Functional** |

*Legend: 4.5-5 Highly functional (5), 3.50-4.49 Functional (4), 2.50-3.49 Moderately functional (3), 1.5-2.49 Less functional (2), 1.0-1.49 Not functional (1)*

The degree of functionality of the school's web-based enrollment system is shown in Table 1. With a weighted mean of 3.51, the results demonstrate the system's operation as being in working order. Except for allowing double input of students' registration, which had an average mean of 2.25 and was deemed "Less functional," all claims were allowed. The administrator of the online enrolling system confirmed this outcome. For various reasons, students frequently alter their chosen track and strand after registering on the online enrollment system. There will be a double entering of data as a result.

According to earlier research, students rated the online enrollment process as very good since it was superior to the traditional enrollment procedure (Panganiban, 2020,3). Because registration data is automatically added to the database without the need for manual entry, the online enrollment system is, therefore, operational.

**Level of quality of use of the Web-based Enrollment System, in terms of reliability**. Reliability is the probability that a system performs well over time. During this correct procedure, no repair is required or performed. The system satisfies the stated performance specifications.

**Table 2: Level of Quality of Use of the Web-based Enrollment System During the School Enrollment, in Terms of Reliability**

| **Statement** | | | |
|---|---|---|---|
| **Level of Reliability of the School Web-based Enrollment System** | | **Mean** | **Verbal Description** |
| 1 | The system does not fail 24/7. | 3.53 | Reliable |
| 2 | The system can recover from the component or environmental failure. | 4.30 | Reliable |
| 3 | The system can bring to full operation after the network goes down. | 3.55 | Reliable |
| | **Weighted Mean Rating** | **3.79** | **Reliable** |

*Legend: 4.5-5 Highly reliable (5), 3.50-4.49 Reliable (4), 2.50-3.49 Moderately reliable (3), 1.5-2.49 Less reliable (2), 1.0-1.49 Not reliable (1)*

The reliability of the school's web-based enrollment system is shown in Table 2. A weighted mean of 3.79 in the figures indicate that the system reliability is Reliable. Regarding the statements' working time duration, system repossession, and reoperation, all were accepted and scored as very good. One of the studies provided on the Students' Online Enrollment System (Mina et al. 2021, 3) supports the findings as well. The system performed admirably in this investigation in terms of component or environmental failure recovery, full operation after a network outage, and not failing continuously.

**Level of quality of use of the Web-based Enrollment System, in terms of usability**. Usability is the ability of a product or design to be successfully used by a certain user in a given circumstance.

**Table 3: Level of Quality of Use of the Web-based Enrollment System During the School Enrollment, in Terms of Usability**

| Statement | | | |
|---|---|---|---|
| **Level of Usability of the School Web-based Enrollment System** | | **Mean** | **Verbal Description** |
| 1 | The system is easy to understand. | 3.53 | Usable |
| 2 | The system is easy to learn by different users (e.g. beginner, expert). | 4.10 | Usable |
| 3 | The system can be opened in different browsers (e.g. Internet Explorer, Google Chrome, Mozilla Firefox) | 4.52 | Highly Usable |
| | **Weighted mean rating** | **4.05** | **Usable** |

*Legend: 4.5-5 Highly Usable (5), 3.50-4.49 Usable (4), 2.50-3.49 Moderately Usable (3), 1.5-2.49 Less Usable (2), 1.0-1.49 Not Usable (1)*

The usability rating of the school's web-based enrollment system is exhibited in Table 3. The data indicates that the usability of the system is Usable, with a weighted mean of 4.05. All claims that the system can be opened in many browsers were accepted and given an average mean score of 4.52 as very good and highly usable.

The assessment of the students and staff on the degree of use of the study on the Pangasinan State University Enrolment System is extremely positive (Capanas 2012, 1-3). Their study's results indicate that the average weighted mean (AWM) for effectiveness, efficiency, and satisfaction is 3.91, 3.73, and 3.79, respectively.

**Level of quality of use of the Web-based Enrollment System, in terms of efficiency**. Efficiency gauges how well something performs in relation to a standard. An efficient process frequently wastes the least amount of materials, labor, time, and energy.

**Table 4: The Level of Quality of Use of the Web-based Enrollment System During the School Enrollment, in Terms of Efficiency**

| Statement | | | |
|---|---|---|---|
| **Level of Efficiency of the School Web-based Enrollment System** | | **Mean** | **Verbal Description** |
| 1 | The system can respond in 0.1 second time. | 3.76 | Efficient |
| 2 | The device does not “hangs” or “lag” when accessing different features of the system. | 3.07 | Moderately Efficient |
| | **Weighted mean rating** | **3.42** | **Efficient** |

*Legend: 4.5-5 Highly Efficient (5), 3.50-4.49 Efficient (4), 2.50-3.49 Moderately Efficient (3), 1.5-2.49 Less Efficient (2), 1.0-1.49 Not Efficient (1)*

The effectiveness of the school's web-based enrollment system is seen in Table 4. With a weighted mean of 3.42, all assertions were scored as Efficient and approved in terms of the system's response time and response when accessing various features.

The respondents to their survey concluded that the enrollment system was effective and efficient, which is similar to the study on the efficiency and effectiveness of UIC's enrollment system (Sagarino et al., 2019, 4-5). Therefore, an online enrollment system's performance is crucial.

**Level of quality of use of the Web-based Enrollment System, in terms of maintainability**. Maintainability is a measure of the likelihood that it will be kept up or restored to the desired function for a predetermined amount of time under any particular level of repair circumstances.

**Table 5: Level of Quality of Use of the Web-based Enrollment System During the School Enrollment, in Terms of Maintainability**

| Statement | | | |
|---|---|---|---|
| **Level of Maintainability of the School Web-based Enrollment System** | | **Mean** | **Verbal Description** |
| 1 | The system faults can be easily diagnosed by the technical support team. | 3.76 | Maintainable |
| 2 | The system can be easily modified by the technical support team. | 4.09 | Maintainable |
| 3 | The system function endures even if changes have been made by the technical support person | 3.55 | Maintainable |
| | **Weighted mean rating** | **3.80** | **Maintainable** |

*Legend: 4.5-5 Highly Maintainable (5), 3.50-4.49 Maintainable (4), 2.50-3.49 Moderately Maintainable (3), 1.5-2.49 Less Maintainable (2), 1.0-1.49 Not Maintainable (1)*

The School Web-based Enrollment System's level of maintainability is shown in Table 5. With a weighted mean of 3.80, the data demonstrates that the system's maintainability is maintainable.

The study on maintainability received a 3.89, the highest mean score among the other criteria, to support this outcome (Custodio and Castro 2016, 5). The respondents gave the online enrollment system a very high rating since it keeps up a particular level of service even when problems arise.

**Level of quality of use of the Web-based Enrollment System, in terms of portability**. The effort needed to move or use a computer system from one environment to another is a measurement of portability.

**Table 6: Level of Quality of Use of the Web-based Enrollment System During the School Enrollment Assessed by the Grade 11 and Grade 12 students, in Terms of Portability**

| Statement | | | |
|---|---|---|---|
| **Level of Portability of the School Web-based Enrollment System** | | **Mean** | **Verbal Description** |
| 1 | The system can be opened on different devices (e.g. laptop, desktop, tablet, smartphone) | 3.80 | Portable |

| | | | |
|---|---|---|---|
| 2 | All system features are present when opened with different devices | 4.32 | Portable |
| 3 | No system faults were encountered when opening with different devices. | 3.60 | Portable |
| | **Weighted mean rating** | **3.91** | **Portable** |

*Legend: 4.5-5 Highly Portable (5), 3.50-4.49 Portable (4), 2.50-3.49 Moderately Portable (3), 1.5-2.49 Less Portable (2), 1.0-1.49 Not Portable (1)*

The degree of portability of the school's web-based enrollment system is shown in Table 6. With a weighted mean of 3.91, the data demonstrates that the portability of the system is portable. All declarations were acknowledged and given transferable ratings.

Similarly to this, researchers created and assessed a school's Mobile Web-Based Student Integrated Information System in a study on the topic (Cantos et al. 2015, 3). The results of this study's portability analysis show that respondents agreed on the system's capacity to adhere to design standards and be easily deployed.

**Overall level of quality of use of the Web-based Enrollment System during the school enrollment**. One should consider both the computer system's elements that influence its quality to comprehend the degree of quality of use of the Web-based Enrollment System.

**Table 7: Overall Level of Quality of Use of the Web-based Enrollment System During the School Enrollment**

| Level of Quality of Use | Mean | Description |
|---|---|---|
| Functionality | 3.51 | Very good |
| Reliability | 3.79 | Very good |
| Usability | 4.03 | Excellent |
| Efficiency | 3.42 | Good |
| Maintainability | 3.80 | Very good |
| Portability | 3.91 | Very good |
| Overall | **3.74** | Very good |

*Legend: 4.5-5 Excellent (5), 3.50-4.49 Very good (4), 2.50-3.49 Good (3), 1.5-2.49 Poor (2), 1.0-1.49 Very Poor (1)*

The overall degree of quality of the Web-based enrolling System's use during the enrolling process is shown in Table 7. According to the findings, the students thought the online enrollment system was reliable, usable, effective, portable, and maintainable. Only the level of efficiency received a score of least importance (3.42). Nevertheless, with a mean rating of 3.74, the online enrollment method was given a "Very good" overall rating.

This suggests that another change that must be taken into account is the effectiveness of the online registration process. Efficiency is, therefore, one of the key aspects to take into account in any online system created to gather data on students before their enrollment in a facility or school (Custodio and Castro 2016, 2-4).

**Level of quality of use of the Web-based Enrollment System during the school enrollment**. Depending on their grade level, each learner interprets and

perceives events differently. Understanding and contrasting the perspectives of two distinct grade levels is crucial.

**Table 8: Level of Quality of Use of the Web-based Enrollment System During the School Enrollment Between Grade 11 and Grade 12**

| Level of Quality of Use | Weighted Mean of the level of quality of use per grade level | | Overall Weighted Mean of the level of quality of use |
|---|---|---|---|
| | Grade 11 | Grade 12 | |
| Functionality | 3.53 | 3.49 | 3.51 |
| Reliability | 3.81 | 3.77 | 3.79 |
| Usability | 4.07 | 3.99 | 4.03 |
| Efficiency | 3.44 | 3.40 | 3.42 |
| Maintainability | 3.82 | 3.78 | 3.80 |
| Portability | 3.93 | 3.89 | 3.91 |
| **Overall Weighted Mean** | **3.77** | **3.72** | **3.74** |

Table 8 exhibits the weighted mean of the level of quality of use of each group. There were 3.77 and 3.72 weighted mean for grade 11 and grade 12 respondence, respectively, an average of 3.74. It shows that both groups evaluated the enrollment system to be very useful, especially during the pandemic.

**Comparison between the evaluation of Grade 11 and Grade 12 students on the level of quality of use of the Web-based Online Enrollment System during the school enrollment.** Usability is the ability of a product or design to be successfully used by a certain user in a given circumstance.

**Table 9: Significant Differences in the Level of Quality of Use of the Web-based Enrollment System During the School Enrollment Between Grade 11 and Grade 12**

| Groups (df=10) | Mean | SD | Mean Difference | p-value | Interpretation |
|---|---|---|---|---|---|
| Grade 11 | 3.77 | 0.239 | 0.05 | . 737339 | Not Significant |
| Grade 12 | 3.72 | 0.229 | | | |

Note: [a]n=12

The appraisal of the level of use of the web-based enrollment system by respondents in grades 11 and 12 is compared in Table 9. The calculated p-value, which is above the significance level of 0.05 at 10 degrees of freedom, is 0.737339. Thus, the null hypothesis—that there is no discernible difference—is accepted. The evaluations of the pupils in grades 11 and 12 did not differ much.

According to a different study, the approach is advantageous to the students, registrar, and administration throughout the registration process (Javier 2019). They arrive with the shared view that the service provider quality of the deployed online enrollment system is good.

**Interventional Design.** Usability describes how well, successfully, and efficiently a certain user can use a product or design in a particular circumstance.

The intervention will be grounded on the study's findings, which provided real data on evaluating the degree of quality of use of Baliwasan Senior High School Stand-Alone's Web-based enrolling system. The statement "the system does not permit double entry of students' registration" scored as "Less functional" in Table 1 under the level of quality of use of the Web-based Enrollment System as assessed by the Grade 11 and Grade 12 students in terms of functionality, with a mean of 2.25.

An intervention will be made in response to this specific finding to enhance the Web-based enrolling process, particularly regarding data duplication. Limiting the number of responses in each specialized program is the goal of the intervention design that might be used to improve the web registration system. In other words, each registered email address should only receive one response. The researcher's action research will be furthered by this intervention.

## Conclusion and Recommendations

The analysis of the study's findings highlights its encouraging potential as a game-changing instrument for educational administration. The results of this study demonstrate how well the web-based enrollment system works to improve and streamline the enrollment process. Users of the system, including both students and administrative staff, acknowledged a high level of satisfaction with its user-friendly interface and practical features. This favorable response demonstrates the growing need for cutting-edge technical solutions in educational institutions. Although the results are promising, there is still space for improvement. To ensure continued functionality and to quickly address any new problems, it is advised that institutions prioritize ongoing monitoring. Additionally, giving users access to thorough training and support materials will enable them to fully utilize the system's capabilities. Iterative improvements will be guided by acknowledging user feedback as a crucial source of knowledge. To protect sensitive data and promote user trust, security measures must continue to be of the utmost importance.

The system will be more inclusive and effective if integration with other educational systems is investigated, and accessibility issues will be given more attention. The implementation of web-based enrolment systems emerges as a crucial aspect in the search for faster administrative operations and improved user experiences as our academic landscape changes. The situational environment that teachers are currently working in as they implement new normal education may also be the subject of future research.

## Dissemination and Advocacy Plans

These post-research actions must be carried out by the researcher, according to this section. Each phase is broken down in Table 10, along with the material and human resources needed, and the corresponding implementation schedule and implications.

**Table 10: Action Plan**

| Implementation Steps | Responsibilities | Resources | Timeline | Implications |
|---|---|---|---|---|
| Submit a copy of the Final Research Report to the Division Research Committee | Researcher | 3 sets Final Research Report | June 2022, 1st week (Resumption of classes) | SDO archiving of the completed education research |
| Present findings of the Research Report during the SLAC session | Researcher | Laptop Computer LCD Projector | August 2023, 3rd week (Start of Academic Quarter 1) | Teacher-initiated interventions in Quarter 1 of the next school year from the lessons learned in the research |

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## Financial Report

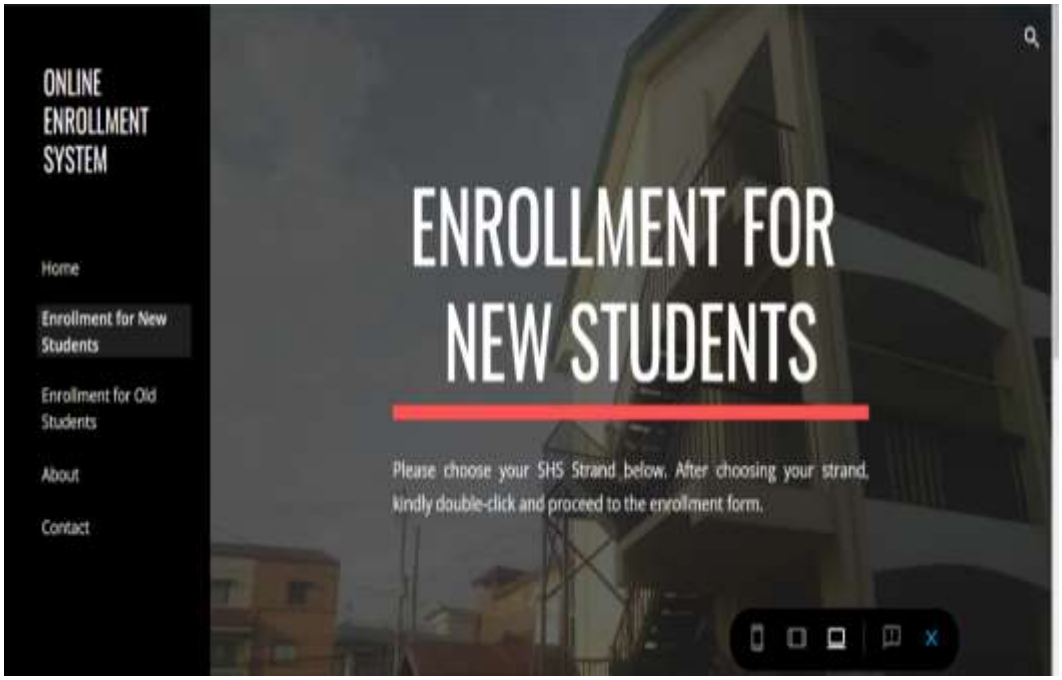
This section approximates the funds utilized in the actual conduct of this research work. The breakdown of cost per research task is detailed in Table 2.

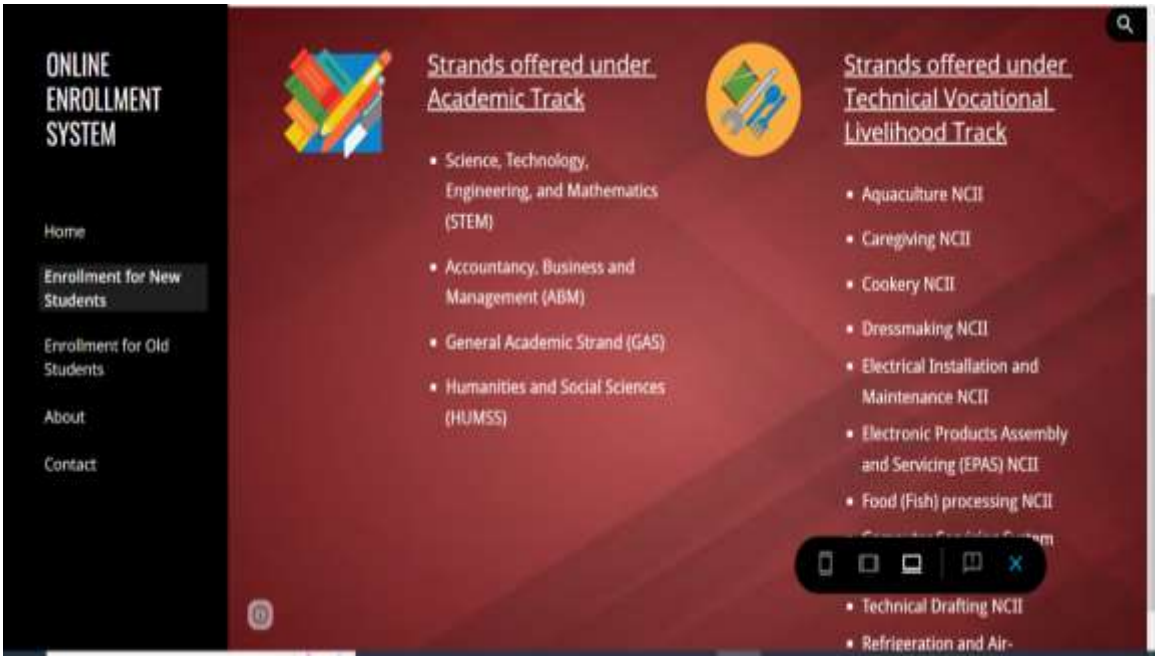
**Table 11: Research Cost**

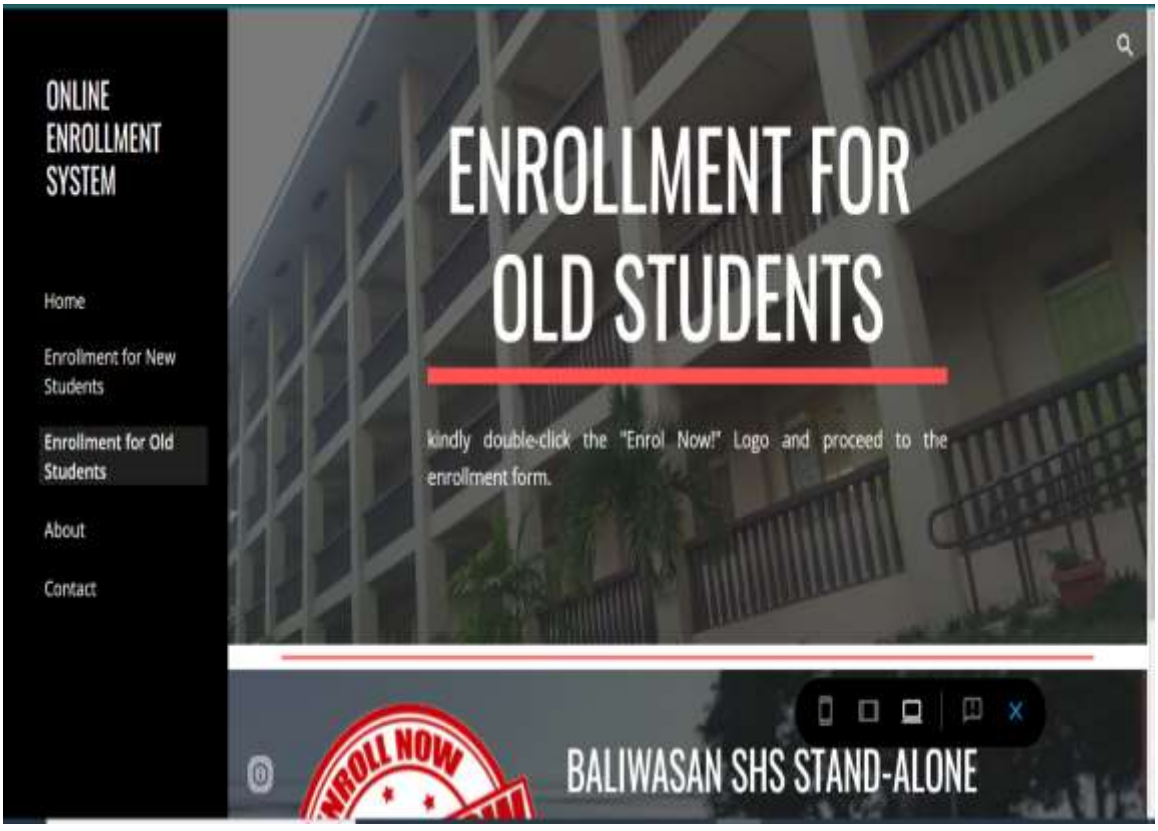
| **Supplies and Materials** | | | | | |
|---|---|---|---|---|---|
| ITEMS | QTY | UNIT | DESCRIPTION | UNIT PRICE | TOTAL AMOUNT |
| 1 | 2 | Reams | A4 size s20 Bond Paper | 200.00 | 400.00 |
| 2 | 1 | Set | Cannon Computer Ink | 400.00 | 400.00 |
| 4 | | | Binding Expenses | | 500.00 |
| 5 | 10 | Pcs. | Folders | 20.00 | 200.00 |
| 6 | | | Miscellaneous | | 1000.00 |
| Total | | | | | 2,500.00 |
| 6 | | | Contingency Expenses (5%) | | 125.00 |
| Grand Total | | | | | 2,625.00 |

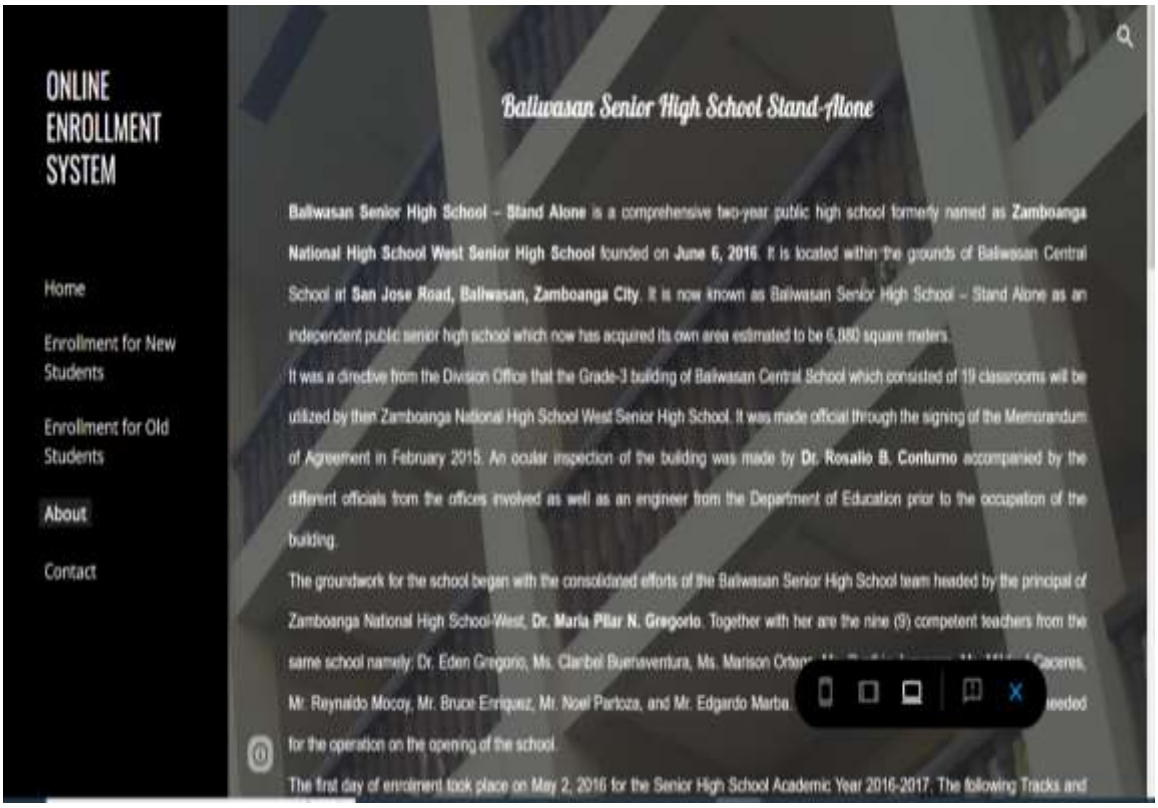
**Appendix A**

Web-based Enrollment System Image


ONLINE ENROLLMENT SYSTEM
Home
Enrollment for New Students
Enrollment for Old Students
About
Contact
Strands offered under Academic Track
Science, Technology, Engineering, and Mathematics (STEM)
Accountancy, Business and Management (ABM)
General Academic Strand (GAS)
Humanities and Social Sciences (HUMSS)
Strands offered under Technical Vocational Livelihood Track
Aquaculture NCII
Caregiving NCII
Cookery NCII
Dressmaking NCII
Electrical Installation and Maintenance NCII
Electronic Products Assembly and Servicing (EPAS) NCII
Food (Fish) processing NCII
Technical Drafting NCII


ONLINE ENROLLMENT SYSTEM
Home
Enrollment for New Students
Enrollment for Old Students
About
Contact
ENROLLMENT FOR OLD STUDENTS
kindly double-click the "Enrol Now!" Logo and proceed to the enrollment form.
BALIWASAN SHS STAND-ALONE


ONLINE ENROLLMENT SYSTEM
Home
Enrollment for New Students
Enrollment for Old Students
About
Contact
Baliwasan Senior High School Stand-Alone
Baliwasan Senior High School – Stand Alone is a comprehensive two-year public high school formerly named as Zamboanga National High School West Senior High School founded on June 6, 2016. It is located within the grounds of Baliwasan Central School at San Jose Road, Baliwasan, Zamboanga City. It is now known as Baliwasan Senior High School – Stand Alone as an independent public senior high school which now has acquired its own area estimated to be 6,880 square meters.
It was a directive from the Division Office that the Grade-3 building of Baliwasan Central School which consisted of 19 classrooms will be utilized by then Zamboanga National High School West Senior High School. It was made official through the signing of the Memorandum of Agreement in February 2015. An ocular inspection of the building was made by Dr. Rosalio B. Conturno accompanied by the different officials from the offices involved as well as an engineer from the Department of Education prior to the occupation of the building.
The groundwork for the school began with the consolidated efforts of the Baliwasan Senior High School team headed by the principal of Zamboanga National High School-West, Dr. Maria Pilar N. Gregorio. Together with her are the nine (9) competent teachers from the same school namely: Dr. Eden Gregorio, Ms. Claribel Buenaventura, Ms. Marison Orten
Mr. Reynaldo Mocoy, Mr. Bruce Enriquez, Mr. Noel Partoza, and Mr. Edgardo Marba
for the operation on the opening of the school.
The first day of enrolment took place on May 2, 2016 for the Senior High School Academic Year 2016-2017. The following Tracks and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BALIWASAN SENIOR HIGH SCHOOL STAND-ALONE
San Jose Road, Fronting PSA, Zamboanga City
ID NO: 345869
Main office: 957 - 3739
Email add: baliwasanseniorhigh@gmail.com
School Principal: ROMEO E. BALLESTEROS – SP II

Survey questionnaire



# Web-based Enrollment System: An Evaluation

Basic research survey form

* Required

## Informed Consent

Greetings of Peace!

You are being invited to participate in a research study entitled "Web-based Enrollment System: An Evaluation". This study is being done by the undersigned teacher-researcher of Baliwasan Senior High School Stand-Alone. The study aims to assess the performance of the school's Web-based Enrollment System to identify the level of qualities that the enrollment system can provide to the stakeholder. Furthermore, implementing attribute gap analysis for further system enhancement to meet and to address the students' expectations and predicaments for School Year 2021-2022.

If you agree to the term and participate in the study you will be asked to complete an online survey/ questionnaire. Please be honest as possible as the result are anonymous. The study should take you around five minutes to complete the survey form. There are no negative consequences if you don't want to take it. If you start the survey, you can always change your mind and stop at any time.

By clicking "I agree" below you have read and understood this consent form and agree to participate in this research study.

Thank you.

With appreciation,

ALI, AHMERZON R.
Teacher-Researcher

1. Do you wish to participate? *

*Mark only one oval.*

- ( ) I agree
- ( ) I disagree

Part I. Profile

2. Name (Optional):

_____

3. Grade Level: *

*Mark only one oval.*

- ◯ Grade 11
- ◯ Grade 12

4. Strand: *

*Mark only one oval.*

- ◯ STEM
- ◯ GAS
- ◯ HUMSS
- ◯ ABM
- ◯ TVL (CSS, EIM, Food Production, Dressmaking, Cookery, Aquaculture, Caregiving)

PART II. Level of Functionality of the School Web-based Enrollment System

Directions: The items below pertain to the level of Functionality of the school Web-based Enrollment System. Please read each item carefully, for your response please put a check mark (/) on the appropriate column of the item, be guided by the following descriptions:

5-Excellent (E)
4-Very Good (VG)
3-Good (G)
2-Poor (P)
1-Very Poor

5. Level of Functionality *

*Check all that apply.*

| | Excellent | Very Good | Good | Poor | Very Poor |
|---|---|---|---|---|---|
| The system suites its purpose to be an enrollment system. | ☐ | ☐ | ☐ | ☐ | ☐ |
| The system can register students and enroll in the right tracks and strands. | ☐ | ☐ | ☐ | ☐ | ☐ |
| The system does not permit unauthorized users | ☐ | ☐ | ☐ | ☐ | ☐ |
| The system does not permit double entry of students' registration | ☐ | ☐ | ☐ | ☐ | ☐ |
| The system is better than the physical enrollment process. | ☐ | ☐ | ☐ | ☐ | ☐ |

PART III. Level of Reliability of the School Web-based Enrollment System

Directions: The items below pertain to the level of Reliability of the school Web-based Enrollment System. Please read each item carefully, for your response please put a check mark (/) on the appropriate column of the item, be guided by the following descriptions:

5-Excellent (E)
4-Very Good (VG)
3-Good (G)
2-Poor (P)
1-Very Poor

6. Level of Reliability *

*Check all that apply.*

| | Excellent | Very Good | Good | Poor | Very Poor |
|---|---|---|---|---|---|
| The system does not fail 24/7. | ☐ | ☐ | ☐ | ☐ | ☐ |
| The system can recover from the component or environmental failure. | ☐ | ☐ | ☐ | ☐ | ☐ |
| The system can bring to full operation after the network goes down. | ☐ | ☐ | ☐ | ☐ | ☐ |

PART IV. Level of Usability of the School Web-based Enrollment System

Directions: The items below pertain to the level of Usability of the school Web-based Enrollment System. Please read each item carefully, for your response please put a check mark (/) on the appropriate column of the item, be guided by the following descriptions:

5-Excellent (E)
4-Very Good (VG)
3-Good (G)
2-Poor (P)
1-Very Poor

7. Level of Usability *

*Check all that apply.*

| | Excellent | Very Good | Good | Poor | Very Poor |
|---|---|---|---|---|---|
| The system is easy to understand. | ☐ | ☐ | ☐ | ☐ | ☐ |
| The system is easy to learn by different users (e.g. beginner, expert). | ☐ | ☐ | ☐ | ☐ | ☐ |
| The system can be opened in different browsers (e.g. Internet explorer, Google Chrome, Mozilla Firefox) | ☐ | ☐ | ☐ | ☐ | ☐ |

PART V. Level of Efficiency of the School Web-based Enrollment System

Directions: The items below pertain to the level of Efficiency of the school Web-based Enrollment System. Please read each item carefully, for your response please put a check mark (/) on the appropriate column of the item, be guided by the following descriptions:

5-Excellent (E)
4-Very Good (VG)
3-Good (G)
2-Poor (P)
1-Very Poor

8. Level of Efficiency *

*Check all that apply.*

| | Excellent | Very Good | Good | Poor | Very Poor |
|---|---|---|---|---|---|
| The system can response in 0.1 second time. | ☐ | ☐ | ☐ | ☐ | ☐ |
| The device does not "hangs" or "lags" when accessing different features of the system. | ☐ | ☐ | ☐ | ☐ | ☐ |

PART VI. Level of Maintainability of the School Web-based Enrollment System

Directions: The items below pertain to the level of Maintainability of the school Web-based Enrollment System. Please read each item carefully, for your response please put a check mark (/) on the appropriate column of the item, be guided by the following descriptions:

5-Excellent (E)
4-Very Good (VG)
3-Good (G)
2-Poor (P)
1-Very Poor

9. Level of Efficiency *

*Check all that apply.*

| | Excellent | Very Good | Good | Poor | Very Poor |
|---|---|---|---|---|---|
| The system faults can be easily diagnosed by the technical support team. | ☐ | ☐ | ☐ | ☐ | ☐ |
| The system can be easily modified by the technical support team. | ☐ | ☐ | ☐ | ☐ | ☐ |
| The system function endures even if changes have made by the technical support person | ☐ | ☐ | ☐ | ☐ | ☐ |

PART VII. Level of Portability of the School Web-based Enrollment System

Directions: The items below pertain to the level of Portability of the school Web-based Enrollment System. Please read each item carefully, for your response please put a check mark (/) on the appropriate column of the item, be guided by the following descriptions:

5-Excellent (E)
4-Very Good (VG)
3-Good (G)
2-Poor (P)
1-Very Poor

10. Level of Efficiency *

*Check all that apply.*

| | Excellent | Very Good | Good | Poor | Very Poor |
|---|---|---|---|---|---|
| The system can be open on different devices (e.g. laptop, desktop, tablet, smartphone) | ☐ | ☐ | ☐ | ☐ | ☐ |
| All system features are present when opened with different devices | ☐ | ☐ | ☐ | ☐ | ☐ |
| No system faults encountered when opening with different devices. | ☐ | ☐ | ☐ | ☐ | ☐ |

Certification

I hereby certify that the information given is true and correct to the best of my knowledge. This information shall be stored and held confidentially in accordance with the Data Privacy Act of 2012 or Republic Act 10173 that protects individuals from unauthorized processing of personal information ensuring free flow to promote innovation and growth.