

RESEARCH JOURNAL

Research Journal of the One Cainta College Students

Web Portal for Faculty Loading System of One Cainta College

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Web Portal for Faculty Loading System of One Cainta College

Pesigan, Daryl Mark., Fillasol, Edu., Alarcon, John Kenneth., Militar, Gembeth., Magares, Maridel., Asug, Gian Carlo.,

ABSTRACT

Web portal for faculty loading system is a system that would help the End user in creating a report for the faculty that would be able to provide a new tool for the stakeholders. This system will allow every member of the faculty to login from the system and view their profile that will show their private information and final loading for the whole semester.

KEYWORDS

Functionality, Maintainability, Usefulness, Web Portal

INTRODUCTION

Web portal for faculty loading system of One Cainta College is an educational institution by the municipality of Cainta to provide a higher education among its constituents, a free college education for the less fortunate member of the society giving them the option to materialize their dreams.

A web portal is one of the best ways of getting, sharing and dissipating data, web portal has become a need for institution, company and organization to assist their information flow among the stake holder, this system has given a great ease among members in a more flexible way, giving each member an efficient time management and effective way of communicating information that would be relevant for each member in an organization. Web portal for faculty loading system is a system that would help the End user in creating a report for faculty that would be able to provide a new tool for the stakeholders.

This system will allow every member of the faculty to login from the system and view their profile that will show their private information and final loading for the whole semester.

One Cainta College is a newly establish educational institution that would provide free tertiary education for the constituent of Cainta thru the effort of the local government unit. The pioneer students of One Cainta have a privileged to create a functional web portal that will help the institution to enhance their service.

The management desire to give an efficient and effective services to the students thru these of students' web portal, a utilities web portal to manage and keep records and faculty loading system that would provide services

for the school faculty regarding their schedule for the semester this may include unit loads and other related activity. The said system is intended to provide an easy communication tool for school's staff that would be use by the assigned personnel to manage the working schedule and availability of the school staff. This system is created to help the End user to deal with the faculty staff, the researcher also designs that the system would be part of overall process of the school management system.

METHODOLOGY

This chapter presents the operational plan or strategy the researcher uses the method, structure and flowchart of the system.

The researcher used the agile methodology which has a flexible approach for the team to build the system agile approach has 4 values and 12 principles that can be use depending to the need of the team. These are the four core values of agile software development such us:

1. Individuals and interactions over processes and tools;
2. Working software over comprehensive documentation;

3. Customer collaboration over contract negotiation; and
4. Responding to change over following a plan.

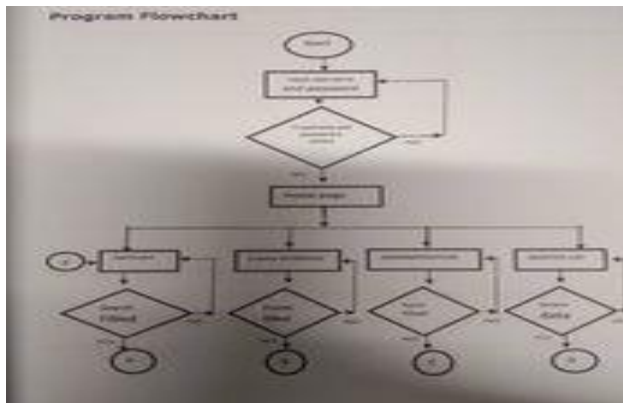
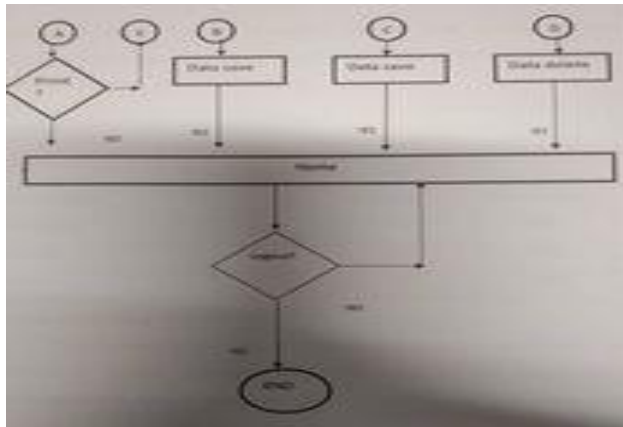
Agile model believes that every project needs to be handled differently and the existing methods need to be modified to best suit the project requirements.

Iterative approach is taken and working software build is delivered after each iteration. Each build is having new addition in terms of features; the final build holds all the features required by the customer. Below the interpretations of the process of the agile in the researcher project.

Planning the process of making plans for the faculty loading system the design, functions needed and report the system must generate. Requirement a necessary condition to analyze what are the needed information, tools and mechanism to build the faculty loading system.

Designing website are build using programmed language therefore designing require the researcher to choose a desired programming language like HTML, CSS, JAVA and PHP.

Building the phase here the researcher and doing the coding needed to execute the desired result during the planning phase.



RESULTS

This section presents the result gathering of data using questionnaire based on the statement of the problem.

The assessment of the respondent on requirement of the web portal such as presentation, functional and non-functional requirements using the weighted mean and corresponding verbal interpretation attached to the weighted mean of each item.

Table 1.1 revealed that the assessment of the respondents in terms of presentation requirement of the web portal with the item home and navigation obtained weighted means scores of 3.58 and 3.32 respectively with computed overall weighted mean of 3.18 and had a verbal Interpretation of Good.

This result implied that the presentation requirement includes in the web portal was necessary and useful.

Table 1.1 Assessment of the respondents on the web portal requirements in Terms of Presentation		
Presentation requirement	Respondents	
	WM	WM
1.1 Home Page	3.58	3.58
1.2 Navigation	3.32	3.32
Overall Weighted Means	3.18	
Verbal Interpretation	Good	

Table 1.2 showed that the assessment of the respondents in terms of functional requirement of the web portal with the item Dashboard, Create, schedule, Administration, Master List, Report, Settings and Login Logout obtained weighted means scores of 3.24, 3.18, 3.18, 3.16, 3.16 and 3.20 respectively with computed over all weighted mean of 3.2 and had a verbal Interpretation of Good.

This result implied that the functional requirement includes in the portal was necessary and useful.

Table 1.2 Assessment of the respondents on the web portal requirements in Terms of Functional requirement		
Functional requirement	Respondents	
	WM	WM
Dashboard	3.24	Good
Create Schedule	3.18	Good
Administration	3.28	Good
Master List	3.18	Good
Generate Report	3.16	Good
Setting	3.16	Good
Login and Logout	3.20	Good

Overall Weighted Means	3.20	Good
Verbal Interpretation	Good	
Functional requirement	Respondent	

Table 1.3 revealed that the assessment of the respondents in terms of non-functional requirement of the web portal with the item performance, security and System documentation obtained weighted means scores of 3.13, 3.13 and 3.13 and had a verbal Interpretation of Good

This result implied that the non-functional requirement includes in the web portal was necessary and useful.

Table 1.3 Assessment of the respondents on the web portal requirements in Terms of Non-Functional requirement		
Non-functional requirement	Respondent	
	WM	VI
3.1 Performance	3.12	Good
3.2 Security	3.14	Good
3.3 System documentation	3.12	Good
Overall Weighted Means	3.13	Good
Verbal Interpretation	Good	

The perception of the respondent on the requirement to developed faculty loading system revealed that the assessment of the respondents in terms of presentation requirement, functional and non-functional requirement have a verbal Interpretation of Good This result implied that the requirement to developed faculty loading system was necessary. Table 1.4 revealed that the assessment of the respondents in terms of functionality requirement of the web portal with the item Accurateness, Interoperability, and Security documentation

obtained weighted means scores of 3.40, 3.36 and 3.28 respectively with the computed over all weighted mean of 3.35 and had a verbal Interpretation of Good This result implied that the functionality requirement includes in the web portal was necessary and useful.

Table 1.4 Assessment of the respondents on the web portal requirements in Terms of Functionality		
Functionality (refers to the extent to which faculty loading system satisfies its specification and full fill the user objective)	Respondent	
	WM	VI
1.1 Accurateness. – the result is expected	3.40	Good
1.2. – the system interacts with other system.	3.36	Good
1.3 Security – the system prevents unauthorized users.	3.28	Good
Overall Weighted Means	3.35	Good
Verbal Interpretation	Good	

Table 1.5 revealed that the assessment of the respondents in terms of Reliability requirement of the web portal with the item Maturity, Fault tolerance, and Recoverability documentation obtained weighted means scores of 3.10, 3.02 and 3.12.

Respectively with computed over all weighted mean of 3.08 and had a verbal Interpretation of Good

This result implied that the Reliability requirement includes in the web portal was necessary and useful.

Table 1.5 Assessment of the respondents on the web portal requirements in Term of Reliability		
Reliability (refers to the extent to which faculty loading system can be expected to perform its intended function with required precision of result)	Respondents	
	WM	VI
2.1 Maturity. – the system is eliminated most of the fault overtime	3.10	Good
2.2 Fault tolerance. – the system is capable of handling errors.	3.02	Good
2.3 Recoverability – the system resumes working and restores lost data	3.12	Good
Overall Weighted Means	3.08	Good
Verbal Interpretation	Good	

Table 1.6 revealed that the assessment of the respondents in terms of Efficiency requirement of the web portal with the item Time behavior and Resource Utilization documentation obtained weighted means scores of 3.06 and 3.84 respectively with the computed overall weighted mean of 3.45 and d had verbal Interpretation of Good. This result implied that the

Efficiency requirement includes in the web portal was necessary and useful.

Table 1.6 Assessment of the respondents on the web portal requirements in Terms of Efficiency		
Efficiency – (Refers to the amount of computing resources and code required by a program perform its function)	Respondents	
	WM	VI
3.1 Time behavior – The system responds quickly.	3.06	Good
3.2 Resources Utilization – The system utilizes resources efficiently.	3.84	Good
Overall Weighted Means	3.45	Good
Verbal Interpretation	Good	

Table 1.7 revealed that the assessment of the respondents in terms of usability requirement of the web portal with the item Understandability, learnability, Operability and Attractiveness documentation obtained weighted means scores of 3.20, 3.72, 3.08 and 3.14 respectively with computed overall weighted mean of 3.25 and had a verbal Interpretation of Good.

This result implied that the Efficiency requirement includes in the web portal was necessary and useful.

Table 1.7 Assessment of the respondents on the web portal requirements in Terms of Usability		
Usability (Refers to the effort required being usefulness of the web portal)	Respondents	
	WM	VI
4.1 Understand Ability – System is user friendly. Easy to comprehend easy.	3.20	Good
4.2 Learn ability – The system easily learned by the user	3.72	Good
4.3 Operability – the system can be use without much effort by the user.	3.08	Good
4.4 Attractiveness – the looks of the system look good and presentable	3.14	Good
Overall Weighted Means	3.29	Good
Verbal Interpretation	Good	

Table 1.8 revealed that the assessment of the respondents in terms of Maintainability requirement of the web portal with the item Analyzability, Changeability, Stability and Testability obtained weighted means scores of 3.04, 3.04, 3.98 and 2.96 respectively with computed overall weighted mean of 3.01 and have a verbal Interpretation of Good.

The result implied that the Maintainability requirement includes in the web portal was necessary and useful.

Table 1.8 Assessment of the respondents on the web portal requirements in Terms of Maintainability		
Maintainability- (refers to the ability of the system to maintain the user satisfaction)	Respondents	
	WM	VI
5.1 Analyzability- the system can decrease the error easily.	3.04	Good
5.2 Changeability – the system can easily modify	3.04	Good
5.3 Stability – the system continues functioning if changes are made	2.98	Good
5.4 Testability – the system can Test easily	2.96	Good
Overall Weighted Means	3.01	Good
Verbal Interpretation	Good	

Table 1.9 revealed that the assessment of the respondents in terms of Portability requirement of the web portal with the item Adaptability, Instability, Conformance and Replace ability obtained weighted scores of 3.04, 3.04, 3.08 and 2.98 respectively with computed overall weighted mean of 3.04 and have a verbal Interpretation of Good

This result implied that the Maintainability requirement includes in the web portal was necessary and useful.

Table 1.9 Assessment of the respondents on the web portal requirements in Terms of Portability		
Portability (refers to the effort required to transfer the program from one hardware and/or software system environment or another)	Respondents	
	WM	VI
6.1 Adaptability – The system runs in different platform and environments	3.04	Good
6.2 Instability – the system can be installed easily	3.04	Good
6.3 Conformance – the system complies with the portability standard	3.08	Good
6.4 Replace ability – the system can be replaced easily.	2.98	Good
Overall Weighted Means	3.04	Good
Verbal Interpretation	Good	

The perception of the respondent to the evaluated faculty loading system revealed that the assessment of the respondents in terms of Functionality, Reliability, Efficiency, Usefulness, Maintainability and Portability had a verbal Interpretation of Good. This result implied that the evaluated faculty loading system was necessary.

DISCUSSION

This section presents the result of findings in the data gathered Conclusion The evaluation of the respondent showed to develop web portal in terms presentation, functional requirement and non- functional requirement were verbally described by respondent as Discussion Good.

The evaluation of the respondent to the evaluated faculty loading system revealed that the assessment of the respondents in terms of Functionality, Reliability, Efficiency, Usefulness, Maintainability and Portability have a verbal Interpretation of good Both of the respondent evaluated the faculty loading system which interpretation is Good.

There is no significant difference between the evaluation of the two groups of respondents and the developed web portal for faculty loading of One Cainta College.

RECOMMENDATION

Based on the conclusions, these recommendations were drawn

The school must utilize the Web portal for Faculty loading system for One Cainta College so that in case any suggestion in presentation, functional and non-functional requirement will immediately be added in the web portal. The school must utilize the Web portal for Faculty loading system for one Cainta College so that in case any problem will arise in terms of Functionality, Reliability, Efficiency, Usefulness, Maintainability and Portability would be fixed immediately

for further evaluation to make the web portal useful and efficient. Since the evaluation of the web portal from the respondents was agree, it recommended to present the web portal in public to help the institution to utilize it so that we would gather more suggestion for enhancement and improvement.

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Admission and Reservation System

Catilcong, Mark Joseph M., Deligero, Hanniema B., Delos Santos, Edward G., Pajac, Jayr P., Saavedra, Mark Anthony M.

ABSTRACT

This system introduces the benefits of having an online admission and reservation in the school. In this generation, technology and computers are important and helpful in our daily lives. Computers are used by companies, school, businesses and etc. They use computer in doing their tasks easier from manual to a computerized one. A computerized admission system is designed to perform and to do some specific tasks. The study attempted to develop admission and reservation system for the students this school year 2019- The assessment of the respondents on the requirements needed to develop web portal in terms of presentation requirements such as home page, curriculum, about us, contact us, login and register were verbally described as Excellent. While, the functional requirements such admission/reservation,

administration and dashboard, and non-functional requirements such as performance, security and system documentation were verbally described by respondents. The assessment of the respondents on the requirements needed to develop web portal in terms of presentation requirements, functional requirements and non-functional requirements were verbally described as Very Good. The researchers can add some more requirements to develop a web portal for Admission and Reservation System in order to produce a successful and useful website to their target beneficiary.

KEYWORDS

Administrator, Admission, Analyzing, Computer, Designing, Development, Manual, Planning, Process, Reservation, System, Technology

INTRODUCTION

This system introduces the benefits of having an online admission and reservation in the school. In this generation, technology and computers are important and helpful in our daily lives. Computers are used by companies, school, businesses and etc. They use computer in doing their tasks easier from manual to a computerized one. A computerized admission system is designed to perform and to do some specific tasks.

One of the disadvantages of manual process is the amount of time spent doing it. By using a computer, it can lessen the time

consumed in recording data and processing information. Unlike in manual process it takes a lot of time to do all the tasks. Admission and Reservation are very important to help the students and enrollees to reserve a slot through the help of the internet. By online admission and reservation, you can store accurate information.

It can also be used easily for viewing the courses offered and the requirements needed. This system can be helpful for everyone also for the working students of the school, because they have a chance to have a reservation of what course they wanted without any conflict to their work and based on their availability. In this regard, the researchers proposed Admission and Reservation System to lessen the works of the administrators and to provide a computerized process that will benefit the school and students.

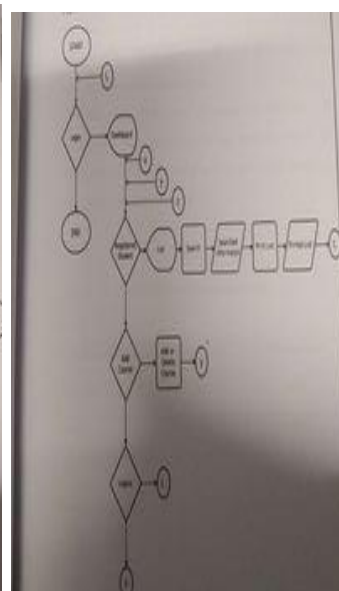
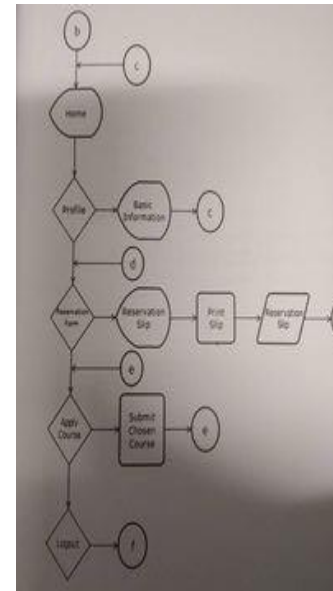
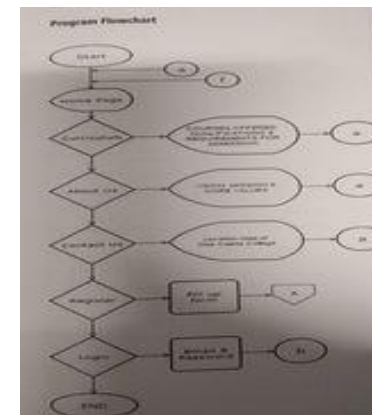
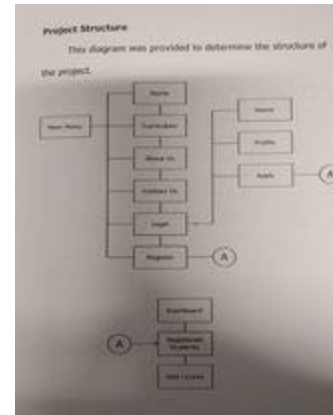
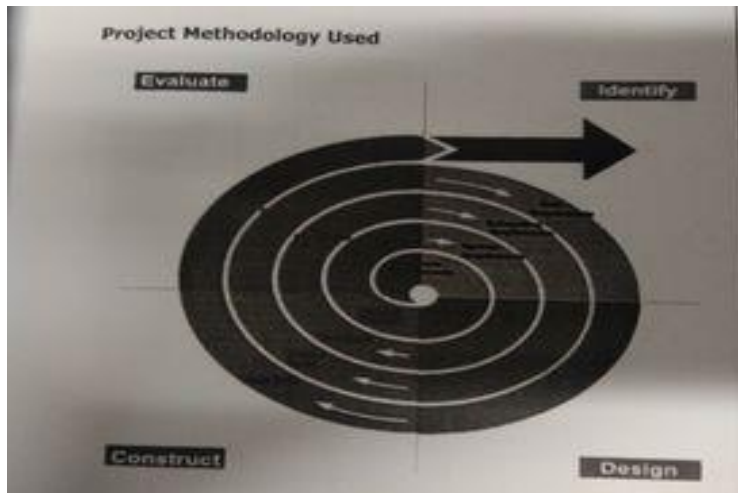
This study was developed the researcher's ability and skills in planning, analyzing, developing and designing a system. One Cainta College is new founded college and it was established for almost 2 years. Since it is new and starting to adapt to new changes in the future, this study aims to develop an admission and reservation system to benefit the school and students.

Admission and Reservation System lessens the works and minimizes the time consumed of both administrators and students. The students might feel satisfied with this system after using it. Because when they apply for reservation instead of pen- paper method or writing on the registration form they can just click and confirm it. They don't need to go to school to

apply because they can do it using this system by accessing it online and also choose the course.

METHODOLOGY

This part discusses the methodology and procedures that have been used by the researchers throughout this project to develop an online admission and reservation system. The Researchers of the project chose Spiral Model for the project, this system is large and complicated so spiral model is the perfect one to use. Also, this system also has a lot of refinement and open for a lot of changes that might occur in the future.



RESULTS

This part discussed the requirements to develop the system, evaluation of the system and chi-square analysis.

Requirements to develop the System

Table 4 presented the result on the requirements of the web portal such as presentation, functional and non-functional are based on the assessment of the respondents. It obtained weighted mean scores of 4.29, 3.74, & 4.09 and had a Very Good result.

Table 4 Total Assessment of the Respondents on the Web Portal Requirements		
Web Portal Requirements	Respondents	
	WM	VI
1. Presentation Requirements	4.29	E
2. Functional Requirements	3.74	G
3. Non-functional Requirements	4.04	VG
Overall Weighted Means	4.04	VG
Verbal Interpretation	Very Good	

Evaluation of the Developed System

This result on the evaluation of the web portal such as functionality, usability, reliability, efficiency, portability, and maintainability are based on the assessment of the respondents.

Table 5 revealed that the assessment of the respondents in terms of evaluation criteria of the web portal of admission and reservation system with weighted mean scores of 4.11, 4.29, 3.01, 3.12, 3.76, & 4.11 had Strongly Agree result.

Table 5 Total Assessment of the Respondents on the Web Portal Evaluation Criteria		
Web Portal Requirements	Respondents	
	WM	VI
1. Functionality	4.11	SA
2. Usability	4.29	VSA
3. Reliability	3.01	A
4. Efficiency	3.12	A
5. Portability	3.76	SA
6. Maintainability	4.11	SA
Overall Weighted Means	3.73	SA
Verbal Interpretation	Strongly Agree	

Chi-square Analysis between the Perception of the Respondents to the Requirements of the System and the Evaluation of the Developed System

Table 6 presented the result of the chi-square analysis on the relationship between the age of the respondents and the web portal in terms of functionality, usability, reliability, efficiency, portability and maintainability. It had a total of 5.697387.

Table 6

Chi-square Analysis on the Relationship between the Age of the Respondents and the Web Portal

Admission and Reservation System	AGE			TOTAL
	15-20	21-25	26-ABOVE	
Functionality	0.36719	0.625926	0.01777778	1.010893
Usability	0.288758	1.07037	0.1782716	1.5374
Reliability	0.000784	0.022222	0.01185185	0.034858
Efficiency	0.03991	0.310256	0.09880342	0.448969
Portability	0.530196	0.022222	0.32666667	0.879085
Maintainability	1.102689	0.57619	0.10730159	1.786181
TOTAL	2.329527	2.627188	0.74067291	5.697387

DISCUSSIONS

This part presents the summary of findings, conclusions and recommendations which were hereby proposed.

RECOMMENDATIONS

These recommendations were based on the respondents: The researchers can add some more requirements to develop a web portal for Admission and Reservation system in order to produce a successful and useful website to their target beneficiary. The evaluation of the developed web portal should be clean and bias free. The respondents recommended to add

password recovery, add some backup functions for the database and detect whether the inputted birthdate by the user is accurate (e.g. only ages 18 and above can apply, this means that any birthdate below 2001 cannot apply). Researchers should prove whether the difference between the perceptions of two groups of respondents involved in the development of system has significance or none.

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Grading System Management of One Cainta College

Cabilte, Dabbay, Del Rosario, Esquierdo, Guevarra

ABSTRACT

The researchers stated that the general problem faced by the One Cainta College Registrar is the manual encoding, submission and distribution of student's grades. The specific problems are consuming, costly and long procedures of inquiries. The students need to go directly to their respective registrar in order to request for their grade.

The study intended to develop a grading system management where students of this school year 2019-2020 could acquire. Specifically, it might answer some questions regarding functionality, reliability and all about system as well as the significance of the study.

However, there is no significant difference nor resolutions determined from the evaluation created in the developed Grading System Management of the group of respondents.

In this study, researchers mainly oversee what would be the best assistance they can provide to the school. By means of this study, they possessed an easiest way where students can manage their grades. It will lessen the work of the school administration- specifically registrar. And as well as the students particularly those who are working, family man and far from school. Both sides benefit the spare time the system could possibly contribute.

Nevertheless, researchers conclude that the system has a lot of room for improvements. Ideally, a more standardize information and design to obtain.

With the help of the respondents, developing of this study could remarkably bestowed if any chance could be given of making the system enhance and improve. Some phases are not reliable though it could be changed and other navigation that could put interest to the system would probably give taste to the design.

KEYWORDS

Administration, Grading, One Cainta College, Professor, Registered log-in, School Staff, Students.

INTRODUCTION

The researchers stated that general problem faced by the One Cainta College Registrar is the manual encoding, submission, and distribution of student's grades. The specific problems are time consuming, costly and long procedures of inquiries. The students need to go directly to their respective registrar in order to request for their grade.

As the students of One Cainta College taking up Diploma in Information Communication Technology, created a study focusing on every Student's guide and connection to their school. A grading system, where they concentrated on how students can get fastest and easiest way to look up for details about the grades and/or status (pass, fail, incomplete, or drop).

Moreover, a resolution has made through this Grading System Management, and at the end of this study, One Cainta

College could have created a well develop web development from program Information Communication Technology.

The researchers aimed to value the importance of time and education. By this grading system, everyone in One Cainta College, from school Administration to Professors - where they can give heads up to their student, the status they got from the recent grading, up to all the students – wherein they can update take an action in case they have to make any completions. Both would definitely benefit time saving and support assistance.

Ideally, researchers come up with a system in which they need to log in using their student number and special password. They have let students register at the website that has created . Thus, supplementary information indicated in the system were gathered from the school staffs, primarily registrar, as they are the on to provide the details of the students' information as well as the ide a of securing personal identification.

Hereby, this study has discussed and focused about the grading system's functionality, reliability, usability, and importance to One Cainta College students. Basically, the concept was related to the experience of the student and to help Registrar's Office by lessening their task.

METHODOLOGY

This Grading System Management design may serve as a reference for the future researchers for the improvement of their study. This study could attend as training for the proponents to enhance their skills in web development.

Figure 1.0 Model of Grading System Management for One Cainta College

Project Methodology Data

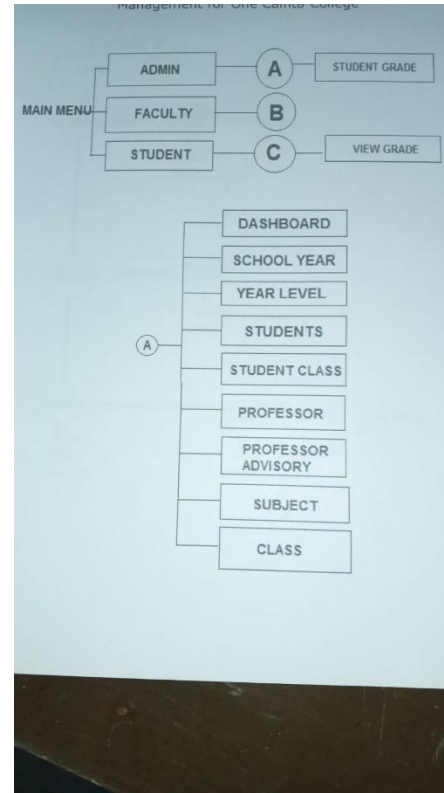
The researchers used Rapid Application Development methodology in the development of proposed system. Figure 2.0 presents the Rapid Application Development methodology. The developments of the system were brainstorming, setting ideas and the assembled into a working model

Figure 2.0 The Rapid Application Development of Grading System for One Cainta College.



Project Structure

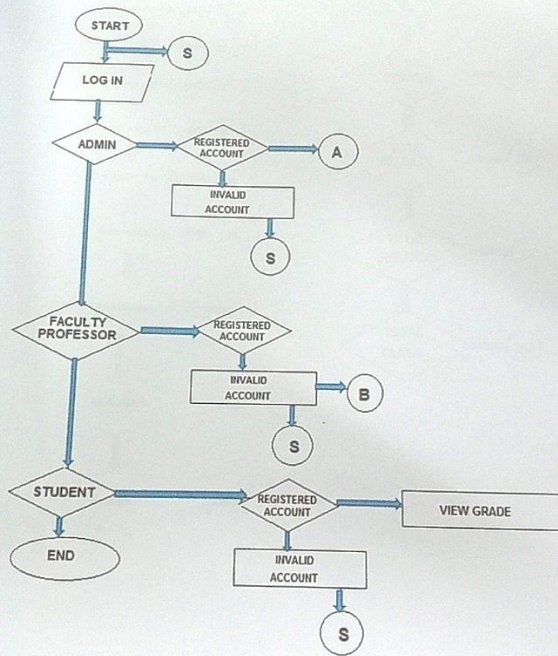
Diagram 1.0 the Project Structure of Grading System Management for One Cainta College

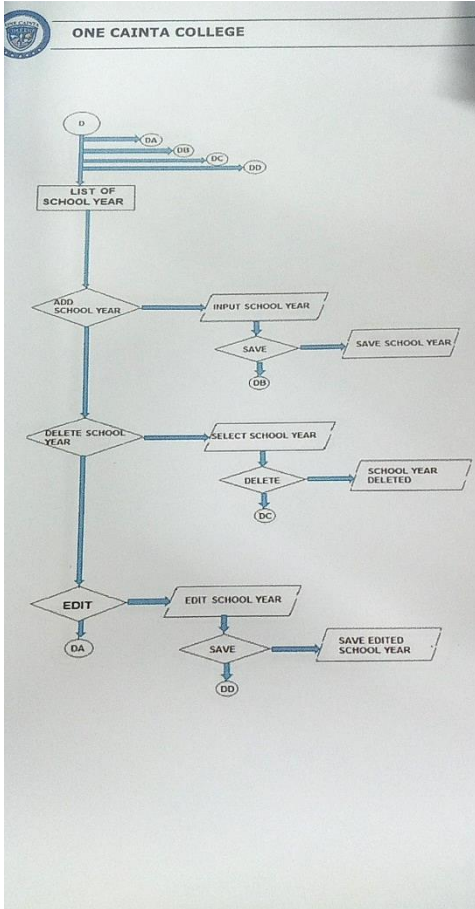


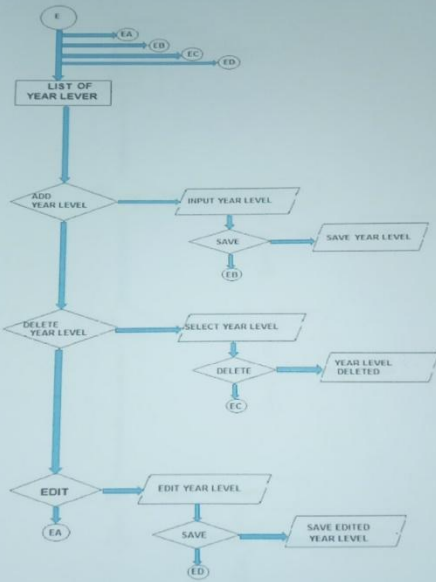
Project Flow Chart

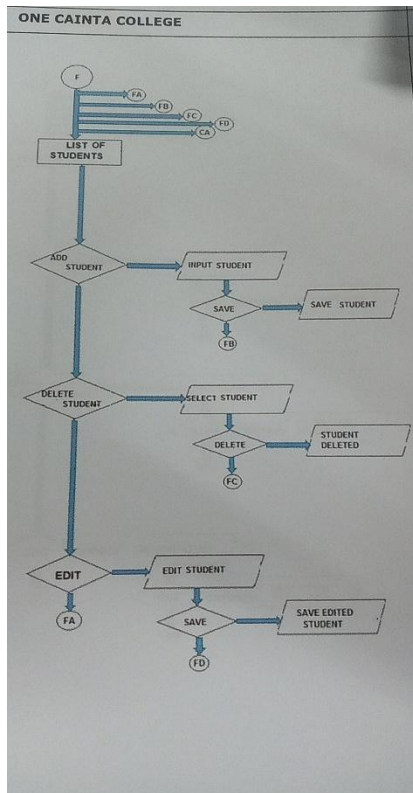


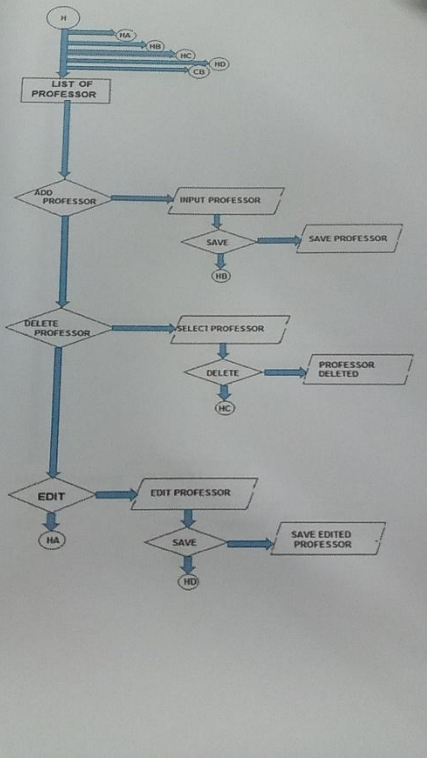
Project Flowchart

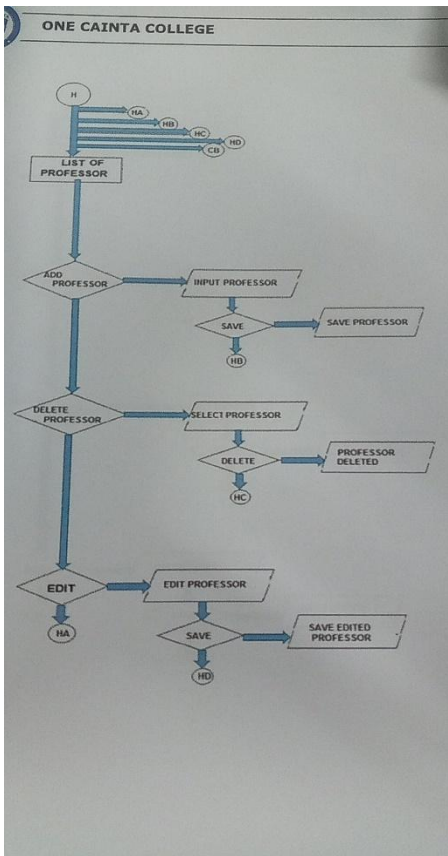


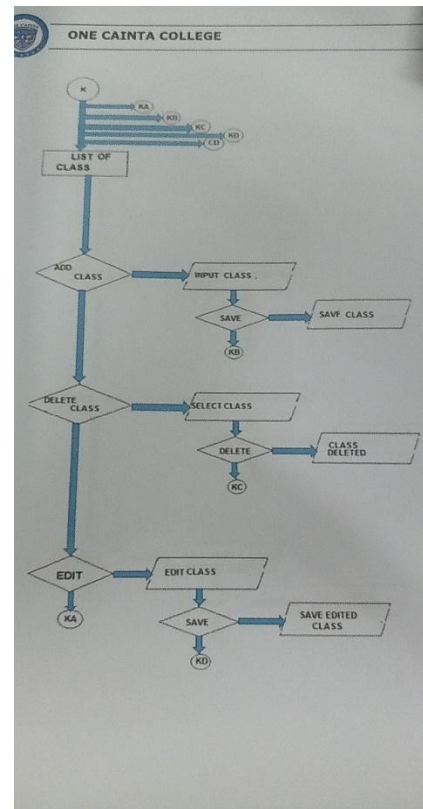
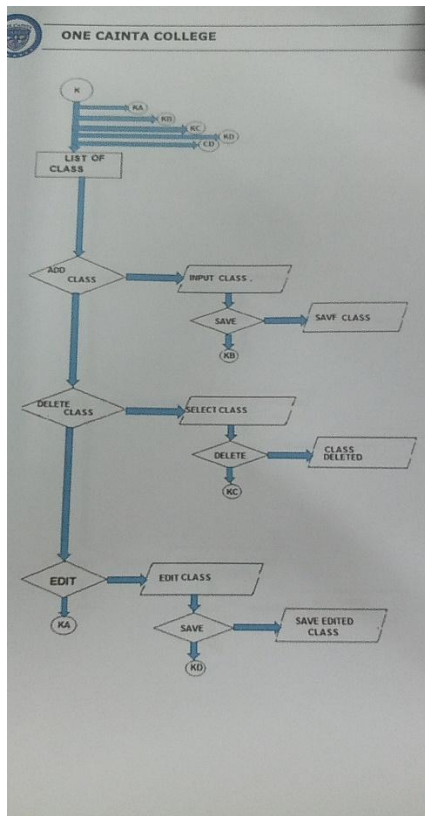












RESULTS

This chapter presents the results of evaluated requirements of the Grading System Management of One Cainta College from the two groups of respondents.

Requirements of the Web Portal Grading System Management of the two Groups of Respondents

There were set of requirements needed for the questionnaire to be evaluated. The researchers comply with two different perceptions towards the system. First, were students and other one was faculty members.

For the set of the problem which were about the Grading System Management, Includes presentation, functional and non-functional requirements and evaluation about functionality, reliability, efficiency, maintainability , operability and portability.

Students. There were no other requirements they look for that researchers concluded, students were satisfied with the presentation of the system.

Faculty members. There was some information they asked for what or how does it work. There were also misleading details they wanted to be removed and to be added or changed. Amidst the fact they needed to fulfill, researcher was about to explain how the system could be upgraded and function.

Actions could be taken from the start it could be used as per the respondents needs, researchers discussed how is would develop the system to comply.

Perception of the two groups of Respondents

Research based the developed system through two different set of groups whom to use the grading system . First were the students and of course, the Faculty members.

Also, as the researchers developed the study, they came up with set of problems to be to be evaluated connected with the system users. Set of interviews made upon developing the Grading System Management and the group of respondents

shared their idea regarding the conceptual system designed by the researchers. Perception of each respondents non-verbatim.

Students. They wanted the system as user-friendly as possible. Where they can open the web portal without interruptions or glitches. They wanted the system as detailed like they no longer needed to come to school to ask for just one information that can be in the system already.

Students appreciated the designed system because of the sense of no longer taking time of going in line to get the grades and o hide and seek with the professors where both of the parties where busy with own errands. They sought for fastest and easiest way to be complied if in case they need to.

Faculty members. They have more in mind where researchers have gotten the ideas they could upgrade more the design of the system. First was the navigation wherein a specific detail has already shown (e.g. section of each year level) so ot would be easily for them to pick the corresponding students. As well as adding the whole grading period of the students as well as adding the whole grading period of the students where they can find their grades from the beginning they started at One Cainta College.

And lastly, putting a remarks space for them to remind the students accordingly.

The perception of the respondents was undeniably helpful for the study where in researchers could do more upgrades and betterment for everyone's assistance they could provide.

T-Test Analysis in the Significant Difference between the evaluates.

Researchers had gathered data from two groups of respondents as they evaluate the presentation of the system and its utilization. They used T-test analysis to interpret the gathered data.

Through this interpretation seen from tables 2,3,4,5,6,7,8,9, and 10 use T-test Analysis, there was no significant difference determined from the evaluation created in the developed Grading System Management of the group of respondents.

All respondents graded very good and strongly agree with the requirements needed for the Grading System Management. Therefore, the researchers concluded that the developed system could be a good start to use in One Cainta College.

Furthermore, this system still under development and for further whilst respondents.

DISCUSSION

This chapter tackles the summary of the evaluation, conclusion, and possible recommendations.

CONCLUSION

In the instance of developing a system, most probably it takes a lot of time to properly apprehend and develop it. But by this study, as researchers interact with different ideas, it mainly

requires what the system could provide to its server – students and faculty.

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Alumni Tracking Information System of One Cainta College

Abion, Aljas, Cansino, Lopez, San Juan, Tumlos

ABSTRACT

Alumni Tracking System is an example of a web application that is under the information systems. It will help an academic institution in tracking its alumni and also helps the alumni to communicate with the institution in tracking through the use of the internet. This system also helps the alumni to get with the latest news and upcoming events of the institution.

This application can easily be accessed through the use of the internet which will be very useful to the alumni because they can keep in touch with the institution even if they do not visit the school.

The study aimed to develop Alumni Tracking System this academic year 2019-2020 at One Cainta College.

The assessment of the respondents on the requirements needed to alumni tracking in terms of presentation requirements, students service modules such as admission, alumni association and non-functional requirements such as

performance, security and documentation were verbally described by the respondents as very good.

Based on summary of findings, these conclusions were drawn. The assessment of the respondents on the requirements needed to develop alumni tracking system in terms of presentation requirements, functional requirements and non-functional were verbally described by the respondents as very good.

The school must utilize the One Cainta College Alumni tracking system to provide quality students to improve the performance level and maintain the stability of the school since the evaluation of the respondents found very good.

INTRODUCTION

Alumni Tracking System is an example of a web application that is under the information systems. It will help an academic institution in tracking its alumni and also helps the alumni to communicate with the institution through the use of the internet.

This system also helps the alumni to get updated with the latest news and upcoming events of the institution. This application can easily be accessed through the use of the internet which will be very useful to the alumni because they can keep in touch with the institution even if they do not visit the school.

Monitoring scheme for online alumni is an instance of a web application under the information systems. It enables a school to track their alumni. It also enables the alumni interact through internet use with organization. It also enables the

alumni update themselves with the institution's recent news and upcoming activities. This application can be easily accessed by using the internet which is going to be very useful to the alumni as they can keep in touch with institution even if they don't visit the school.

METHODOLOGY

This section presents the methodology used in the

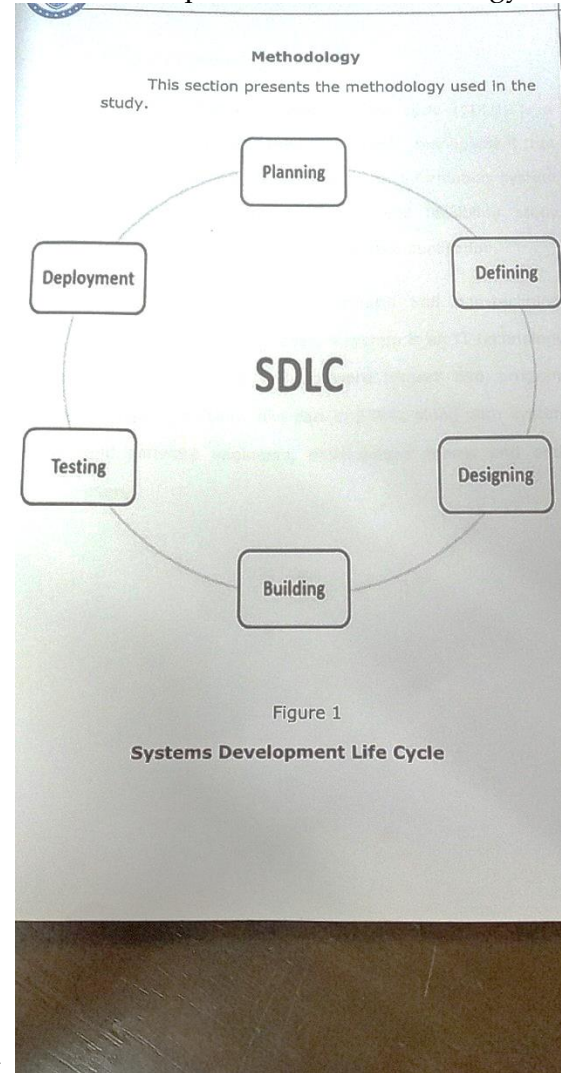


Figure 1
Systems Development Life Cycle

study.

Figure 1
Systems Development Life Cycle

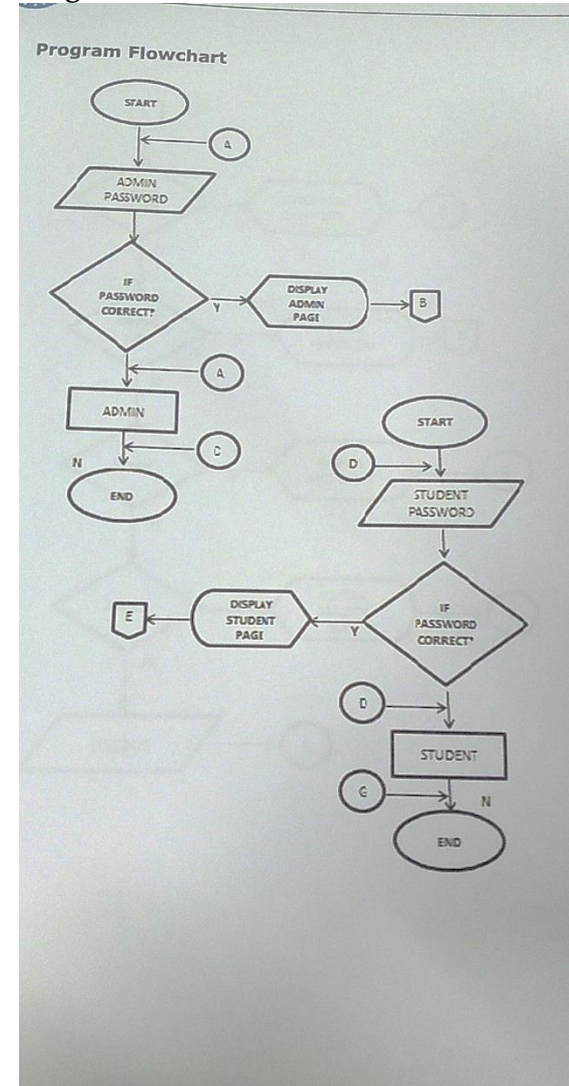
Project Methodology

The systems development life cycle (SDLC) is a conceptual model used in project management that describes the stages involved in an information system development project, from an initial feasibility study through maintenance of the completed application.

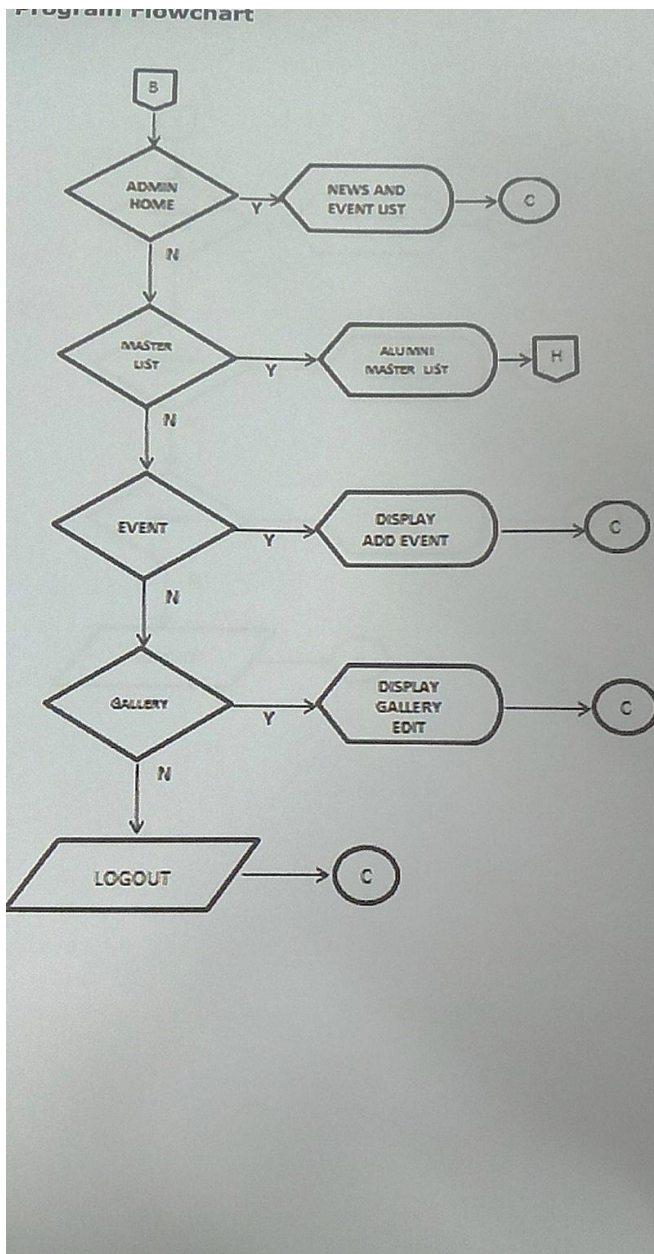
SDLC can apply to technical and non-technical systems. In most use cases, a system is an IT Technology such as hardware and software. Project and program managers typically take part in SDLC, along with the system and software engineers, development teams and end-users.

Program

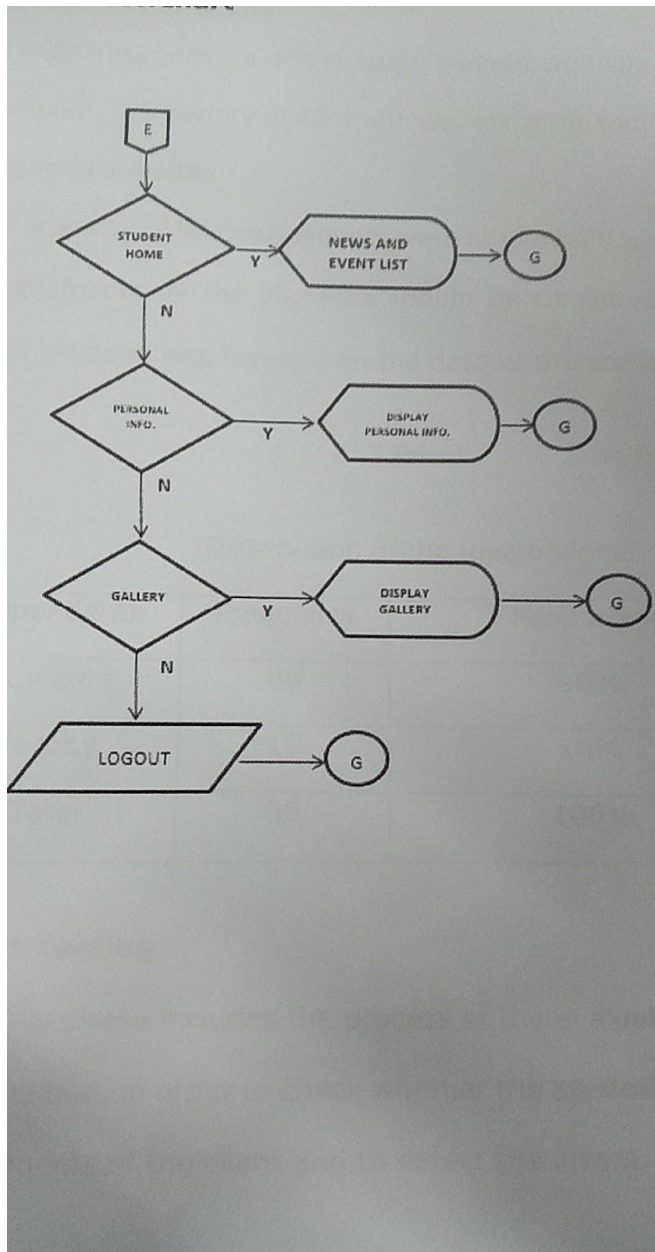
Flowchart



Program



Flowchart



RESULTS

Alumni want to know that the value of their degree is greater to them today than the day they graduated and they want to understand what One Cainta College is doing to increase that value.

Alumni are focused on how their degree helped them in their lives and particularly, how the degree is an enhancement to their career.

There is a real opportunity to brand specific alumni and the Alumni Association better and more frequently on campus. Alumni want to know that other alumni and their Alumni Association are playing an important role in improving the student experience.

Events offer an interesting dilemma for OCC. We know that if alumni attend events, there is a greater likelihood that they that they will give.

DISCUSSIONS

This chapter presents the summary of the findings based from the data gathered, and the conclusions as well as recommendations which were hereby proposed.

The researcher aimed to design, develop and evaluate the alumni tracking system of One Cainta College this Academic Year 2019-2020.

CONCLUSIONS

Based on the summary of findings, these conclusions were drawn. The assessment of the respondents on the requirements needed to develop alumni tracking system in terms of presentation requirements functional requirements and non-functional were verbally described by the respondents as Very Good.

The researchers used the software development life cycle such as requirements, designing, developing, evaluating, and implementing the alumni tracking system for One Cainta College. The researchers also employed the descriptive type of research to evaluate the alumni tracking system.

The researchers used the requirements framework for an Alumni Tracking System such as presentation requirements, functional requirements, functional requirements and non-functional requirements.

The extent of acceptability of the respondents on the evaluation One Cainta College alumni tracking system in terms functionality, reliability, efficiency, usability, maintainability, and portability verbally described as Strong Agree.

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