# **Technological Institute of the Philippines - Manila**

College of Information and Technology Education Bachelor of Science in Information Technology

CITE 006 - IT32S2
Application Development and Emerging Technologies

# **ECOART**

# **GROUP MEMBERS:**







Tamayo, Raven

Usares, Kent

| Vacunawa, John Paul



Tiu III, Benjamin



Ugot, Vhince Christian

Submitted to:
Mr. Mar Christian Herrera

Date: April 18, 2022

# **Table of Contents**

Background	3
a. Overview of the System	3
User's Manual- Modules Screenshots	4
Individual reflections	16
Honorary Code	21
List of Figures	
Landing Page	4
Login/Sign up	5
User Profile	6
Logged in Homepage	6
Store	7
Add to Cart	9
Shopping Cart	9
Checkout	10
Payment (Paypal)	11
Paypal Web App	12
Payment (Credit/Debit Card)	13
Donation	13
About	14
Rubric for Programming	19
Rubric for Oral Presentation	19

# **Background**

# a. Overview of the System

Website Development can be generally thought as having two major components; the system design and system analysis. Designing the system is the process where a developer is planning a system to complement or improve an existing system. At this stage, the creation of features and improving attributes of the previous system must be taken in place so that the new system can be more reliable and effective in society. While, a system analysis is the process where people gather and interpret the facts and use the information to recommend upgrades to the system.

With the ideas and data that were gathered from different sources, the developers finally came to a conclusion and thus gave a pulse into a new website. The Eco Art is a website created with system planning and analyzing facts that are trending on the internet. The idea of gathering recyclables and other kinds of wastes from the volunteers, streets, garbage collectors, etc., is the whole beginning of transforming a waste material into art and other helpful products. With the trending environmental issues these days, surely every idea will be pleasing to the environment. Working with these kinds of ideas allows different opportunities to different people using the system. For example, the developers - it allows them to bring new options and share ideas to other users as well as creating more systems that will solve each and every problem the society is having to date. For the users options to buy and donate, share, or even just being aware that movements and concerns as such are being raised and people are now acting on these problems.

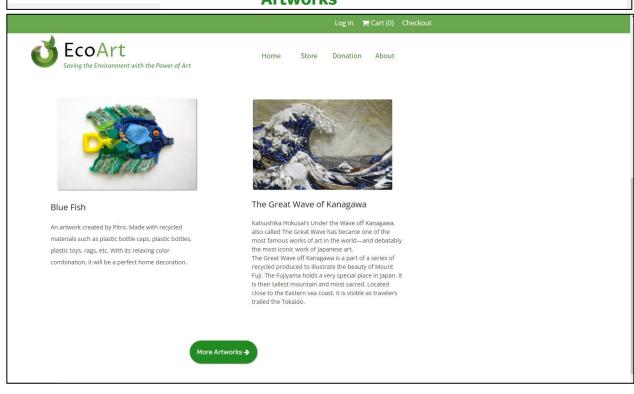
Organizations are complex systems that are aiming into different areas that are in need of solving and development. Changes in one part can be a huge different for the outcome in a project. Whether anticipated or not, the consequences are always worth improving for better. With the EcoArt's mission, surely other people would benefit. A non-profit organization that aims to repurpose wastes into art and other helpful tools and be sold on a very reasonable prices with the profits being directed to artists and charitable projects, it will surely be contributing to the solution on the environmental issues while supporting those in need.

# **User's Manual- Modules Screenshots**

# **Landing Page**

This is the first page when the customer visits our website

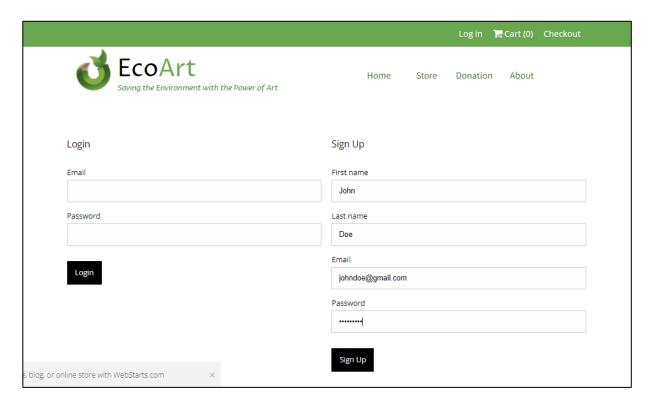




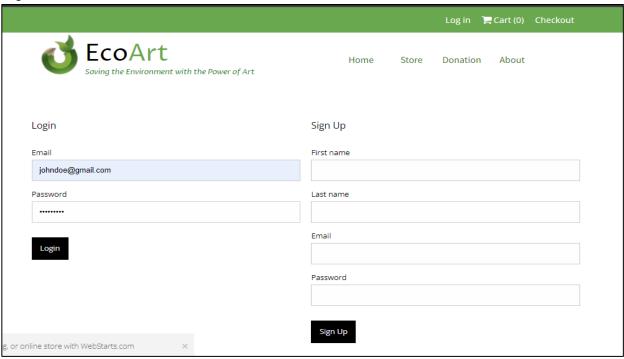
# Login/Sign Up Page

This is the account creation and sign up page where customer can create or login their accounts.

# Sign Up

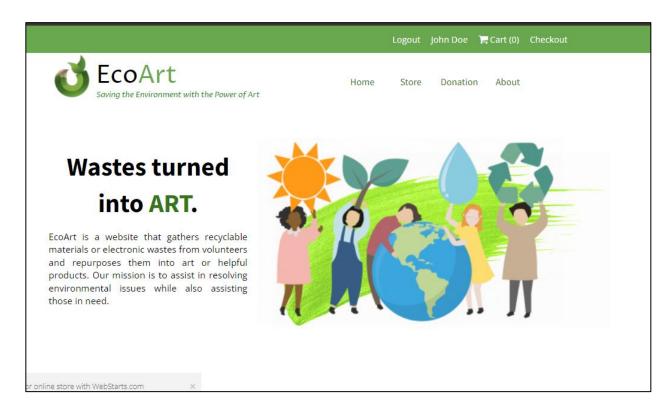


# Login



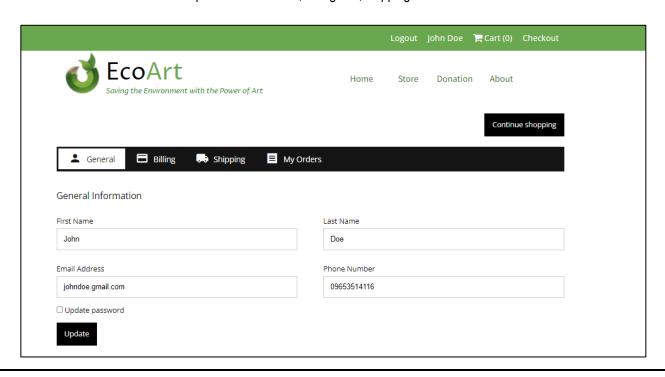
#### Homepage

when the users is already logged in



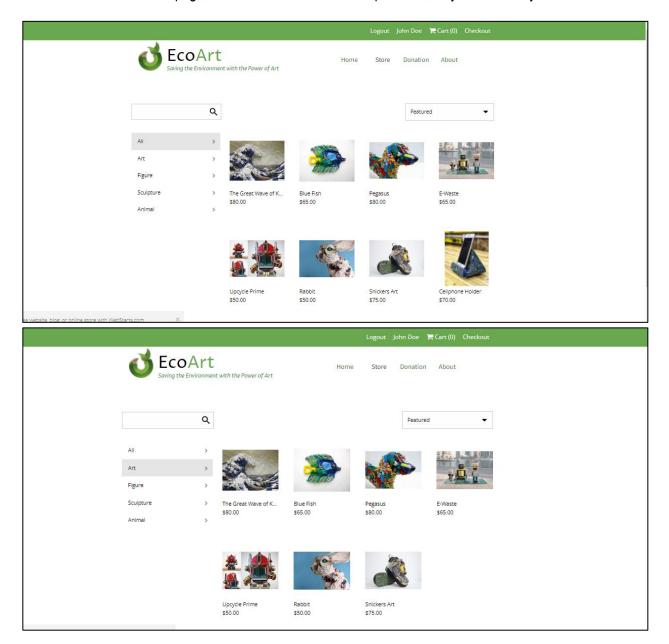
# **Profile Page**

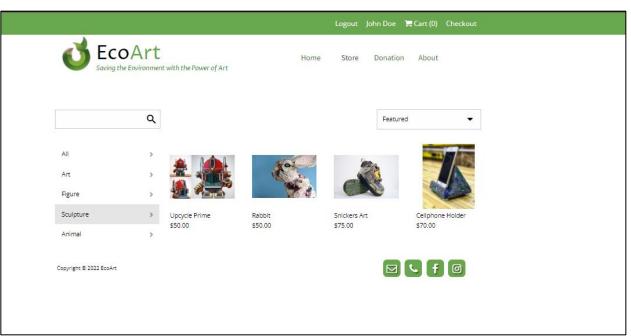
This is where the customer can update his/her name, billing info, shipping address and also Orders.

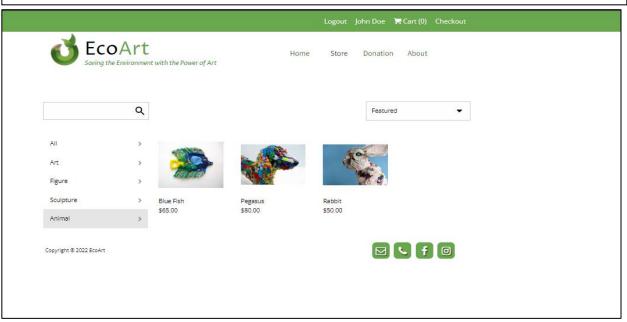


# **Store Page**

This is the customer store page, where customers select the products, they intend to buy.

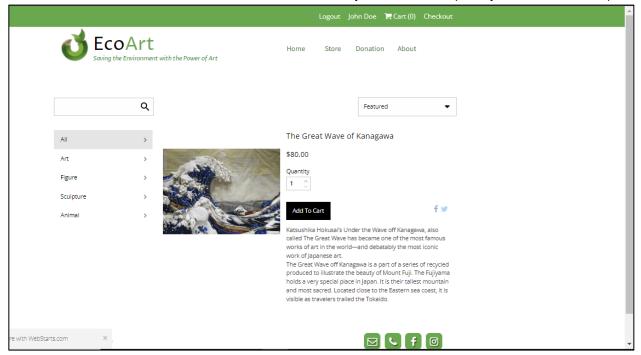




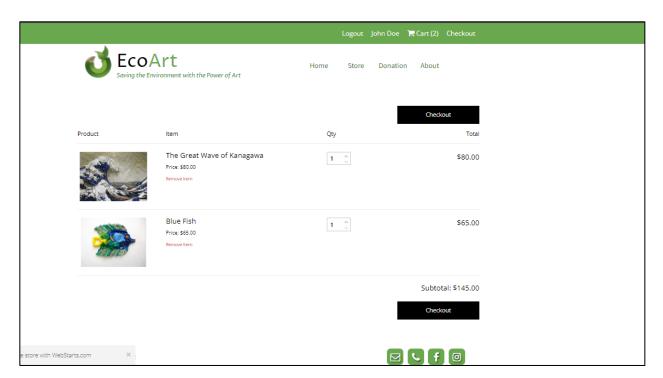


# **Adding to Cart**

After the customer select his/her desired item, this is where you can edit the quantity and read its description.

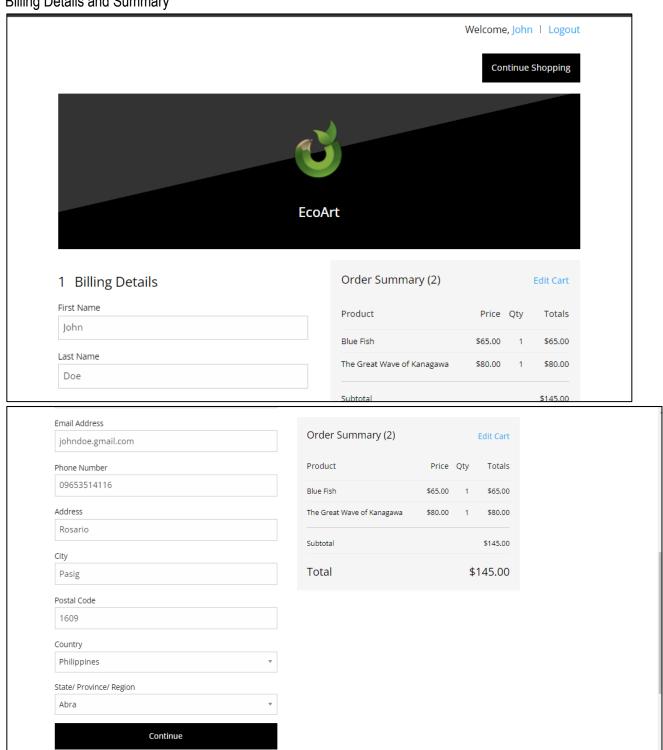


# **Shopping Cart**

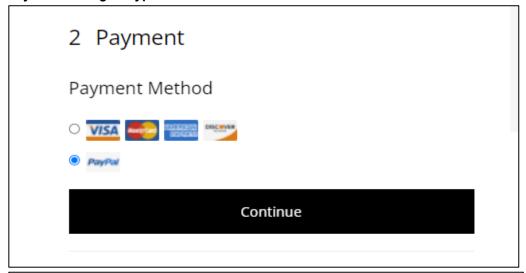


# **Checkout and Payment**

# Billing Details and Summary



# Payment through Paypal

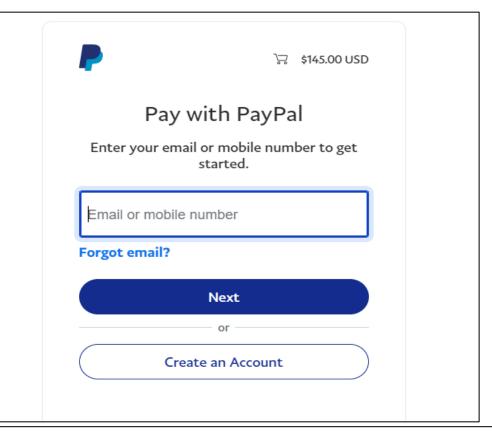


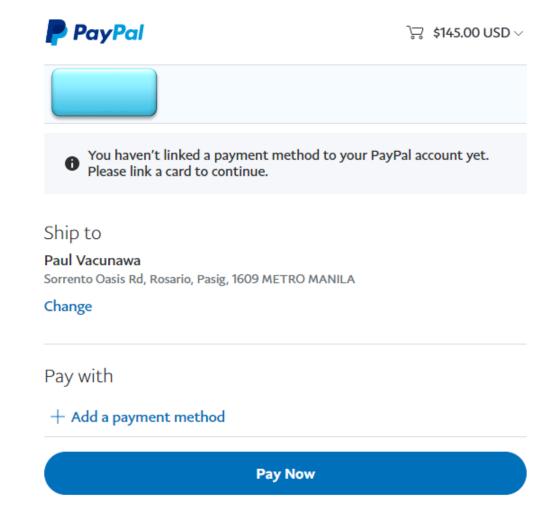
# 3 Review & Place Order

Please review the order details above, and when you're ready, click Place Order.

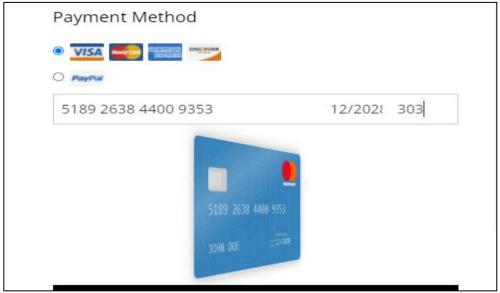
Place Order

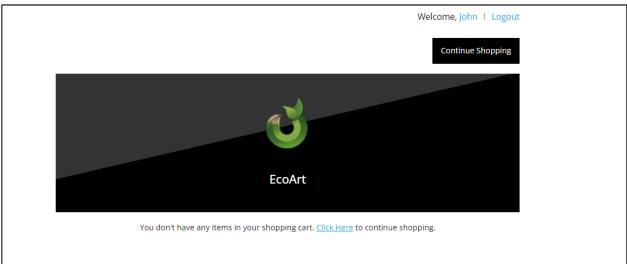
After Clicking Place Order, you will be redirected to Paypal Web App





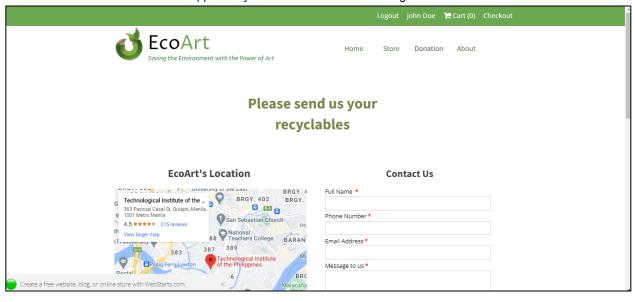
# Payment Through Credit/Debit Card

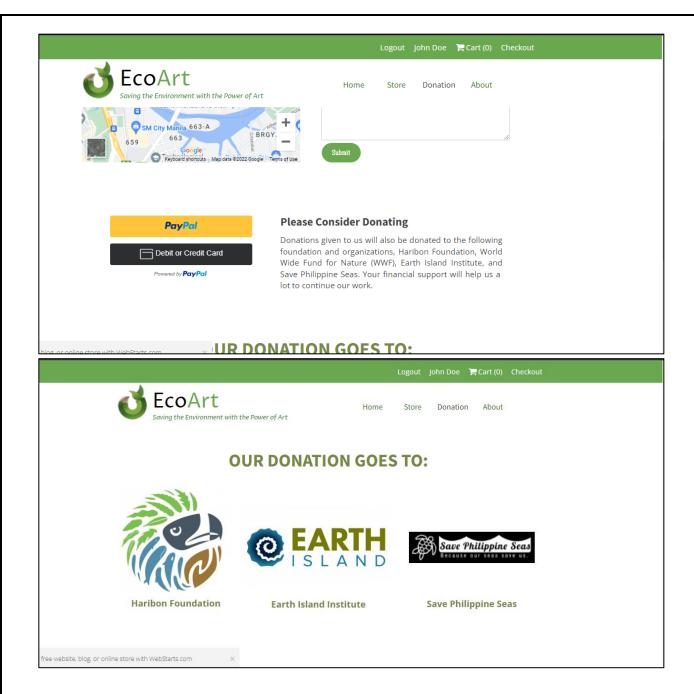




# **Donation Page**

Here is where customers have the opportunity to contribute funds to the organization's mission online.





# **About Page**

where the Customers/Visitors can learn more about our website, developers and the Artists.







Benjamin Tiu III



Raven Jamel Tamayo <u>Presentation</u>



John Paul Vacunawa

odina reare with WebSteres com





Home Store Donation About

# **ARTISTS**



Stan Lee
- 95
- 6328 Morgan WayBuena
Park, California(CA)



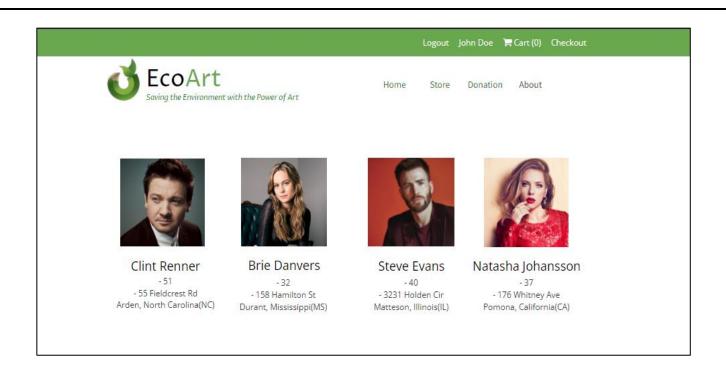
Thor Hemsworth
- 38
- 1109 1274th Hwy
Frenchburg, Kentucky(KY)



Scarlet Maximoff
- 33
- 652 Aachen Ct
Fort Lee, Virginia(VA)



Mark Banner - 54 - 4572 Manningham Rd Greenville, Alabama(AL)





# Individual reflections

# Tamayo, Raven Jamel

Creating a website that can contribute to society is not an easy or straightforward task. Throughout the job process, there was a lot of brainstorming, hard work, problem solving, and devotion. While developing our web

application, I discovered a lot of things. First and foremost, I realized that the most difficult part of developing a web application is coming up with a solid concept, but because we were divided into group with 5 members, we were able to share our ideas and thoughts with one another, making it easier to come up with an idea, which leads to my second realization.

Working in a group makes web development considerably better. When one of the group members is experiencing difficulty with his or her portion, the other members may assist, notably on the frontend of the web application, where we were able to exchange our opinions on the design. Working on a web application with a team that can rely on each other was a wonderful experience.

Despite several communication issues, power outages, a lack of understanding in some parts of the work process, and numerous blunders, we persevered in producing and completing this project. My groupmates and I worked hard and helped each other. Throughout the entire work process, my groupmates and I were able to learn a lot from each other, which I believe is the most essential element, because we can all use the experience we gained while working on this project for our future careers and professions.

## Tiu III, Benjamin

The idea of this website is to help each contributor to the project and support the improvement of our environment. With the issues the world is facing these days, each idea that has a purpose of reclaiming a good and healthy place to live in will be so much helpful to each one that is dreaming of a safe place to live. EcoArt is indeed an amazing idea since it does not only help the artists, but the receivers, charities, and other organizations that are aiming to continue making the world a better place.

This Final Project that was given to us by our professor helped us to envision real-world issues. Gathering information and processing data until we make the conclusion is a tough process but is worth the time since it is all about solving problems that the people and society are enduring today.

## **Ugot, Vhince Christian**

"For me the learnings of this Final Project is what will be the positive effects of creating website that will help to the community Because recycling saves energy, it also reduces greenhouse gas emissions, which contributes to the fight against climate change and at the same time the money that has been collected to the website will be donated to the organizations that helps the people in need.

The importance of recycling in today's world cannot be overstated if we are to leave this planet to our children and grandchildren. It is beneficial to the environment since we are repurposing old things that are no longer useful to us to create new products. The process of recycling begins at home. The act of reusing old products rather than tossing them away qualifies as recycling in this context."

#### **Usares, Kent Ira**

"What I have learned from this final project was developing our website, there's a lot of challenges such as come up with a concept that benefit everyone and help those in need, thankfully our group cooperate to a Project/Idea, brainstorm for this idea and work hard to develop a concept, and problem that we encounter that needed to be solve. We encounter hardships such as internet issues and power outages thanks to our group mates. They fill up the part

we are missing and help one another. Thanks to these experiences we can use this as our lesson for our future career.

Creating this website not only this benefit the artist, but also it help the environment at the same time, and the cash that are donated are going to the foundation that protect our environment, and the money that are purchased art figures are going to the artist and some of it are going to the foundations as well not only it help the environment, it only inspire many to become an artist themselves and for the health and future of our lives as well."

#### Vacunawa John Paul

Upon creating this project, I had a lot of realizations and learnings. Creating this kind of website is not easy because it deals money and also for environment. Recycling is important for the environment since we are utilizing old and trash things that are no longer useful and changing them back into the same new products and we can sell it or make it on our own for some reason or purposes.

We create this website to help improve our environment to save energy and sending less trash to landfills, and reducing air and water pollution. Over all I learn a lot on this subject and I am happy to have a circle of groups that is very hard working and have a long patient in doing our project. I will assure that this knowledge will be use on future purposes. #LetTheEarthBreathe

## **HONORARY CODE:**

"I accept our responsibility for our role in ensuring the integrity of the work submitted by this group in which participated"

Tamayo, Raven Jamel

Usares, Kent Ira

Vacunawa, John Paul

Tiu III, Benjamin

Ugot, Vhince Christian

# TECHNOLOGICAL INSTITUTE OF THE PHILIPPINES

# RUBRIC FOR COMPUTER PROGRAMMING / SYSTEMS DEVELOPMENT PROJECT

(ITE Programs)

	nool Year		
Group Name :	Group 10	Program: BSIT	
Course: Application	Development and	Section: IT32S2	
Emerging Technology			

Trait	Exceptio nal 4	Accepta ble 3	Amate ur 2	Unsatisfact ory 1
Specifications	The program works and meets all of the specification s.	The program works and produces the correct results and displays them correctly. It also meets most of the other specifications.	The program produces correct results but does not display them correctly.	The program is producing incorrect results.
Readability	The code is exceptionall y well organized and very easy to follow.	easy to readable only by someone who knows		The code is poorly organized and very difficult to read.
Reusability	The code could be reused as a whole or each routine could be reused.	Most of the code could be reused in other programs.	Some parts of the code could be reused in other programs.	The code is not organized for reusability.
Documentation	The documentation is well written and clearly explains what the code is accomplishing and how.	The documentation consists of embedded comments and some simple header documentation that is somewhat useful in understanding the code.	The documentation is simply comments embedded in the code with some simple header comments separating routines.	The documentation is simply comments embedded in the code and does not help the reader understand the code.
Delivery	The program was delivered on time.	The program was delivered within a week of the due date.	The code was within 2 weeks of the due date.	The code was more than 2 weeks overdue.
Efficiency	The code is extremely efficient without sacrificing readability and understandin g.	The code is fairly efficient without sacrificing readability and understanding.	The code is brute force and unnecessarily long.	The code is huge and appears to be patched together.

Evaluated by:		
Printed Name and Signature of Faculty Member	Date	

# TECHNOLOGICAL INSTITUTE OF THE PHILIPPINES

# RUBRIC FOR ORAL PRESENTATION

Name of Student : <u>Tamayo, Raven Jamel</u> Section: <u>IT32S2</u> Title / Topic : <u>EcoArt</u> Subject: <u>CITE 006</u>

**Application Development** 

and Emerging Technologies

CRITERI A	BEGINN ER 1	ACCEPTAB LE 2	PROFICIE NT 3	EXEMPLA RY 4	SCOR E
Eye Contact	Presenter reads entire report, making no eye contact with audience.	Presenter reads most of the report, but occasionally makes eye contact with audience.	Presenter maintains eye contact with audience most of the time, but frequently returns to notes.	Presenter seldom returns to notes, maintaining eye contact with audien ce throughout th e presentation.	
Enthusiasm	Shows absolutely no interest in topic presented.	Shows some negativity toward topic presented.	Occasionally shows positive feelings about topic.	Strong positive feeling about topic during entire presentation.	
Delivery	Presenter mumbles, mispronounces terms, and makes serious and persistent grammatical errors througho ut presentation. Presenter speaks too softly to be heard by many in the audience.	Presenter's voice is relatively clear, but too low to be heard by those in the back of the room. Presenter makes several maj or grammatical errors, and mispronounces some terms.	Presenter speak s clearly and loud enough to be heard by most of the audience; makes relatively few grammatical errors, and pronounces most terms correctly.	Presenter speak s clearly and loud enough for all in the audience to hear; makes no grammatical errors, and pronounces all terms correctly and precisely.	
Awaren o ess f Audien ce	Fails to effectively convince the audience.	Point of view may be clear, but lacks development o r support.	Clear point of view, but development or support is inconclusive and incomplete.	Effectively convinces an audience to recognize the validity of a point of view.	
Visual Aid	Poor, distracts audience and is hard to read.	Adds t nothin o g presentation	Thoughts articulated clearly, but not engaging.	Visual aid enhances presentation, al I thoughts articulated and keeps interest.	

	There is no	Presenter does not	Presenter		Presenter	
Organizatio n	logical sequence of information	follow logical sequence (jumps around in presentation).	s logical se but fails elaborate.	•	follow s logical sequence and provides explanations / elaboration.	
Content	The content is complete and more than three details are not included.	•	The co comprehe d comple	an	The content is very comprehensive and complete with details.	
Time Frame	The presentation is finished exceeding three minutes of due time limit	The presentation is finished exceeding two minutes of the time limit.	The presentations finished except not more the minute of the limit.	ceeding an one	The presentation is finished within the time limit.	
	Other comments	/ Observations:			TOTAL SCORE	
				RATING =	( <i>Total<u>Score</u></i> ) x 100%	

Name of Student: <u>Tiu III, Benjamin</u>	Section: IT32S2
Title / Topic : <u>EcoArt</u>	Subject: CITE 006
•	Application Developmen

and Emerging Technologies

CRITERI A	BEGINN ER 1	ACCEPTAB LE 2	PROFICIE NT 3	EXEMPLA RY 4	SCOR E
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	Other comments / Observations:				TOTAL SCORE	
				RATING =	( TotalScore ) x 100%	

Name of Student :	Ugut, Vhince Christian	Section: <u>IT32S2</u>
Title / Topic: EcoA	rt	Subject: CITE 006
<u>-                                    </u>		

Application Development and Emerging Technologies

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	Other comments /	Observations:			TOTAL SCORE	
				RATING =	( <i>TotalScore</i> ) x 100%	

Name of Student: <u>Usares, Kent Ira</u>	Section: 113252
Title / Topic : <u>EcoArt</u>	Subject: <u>CITE 006</u>
	<b>Application Development</b>
	and Emerging
	<b>Technologies</b>

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Content t	The content is complete and more than three details	The content is complete but one or two details are not included.	The conte is comprehensi	ive	The content is very comprehensive and complete with details.	
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Name of Student : Vacunawa, John Paul	Section: <u>IT32S2</u>
Title / Topic: EcoArt	Subject: CITE 006
•	Application Development
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and Emerging Technologies

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