

**TECHNOLOGICAL INSTITUTE OF THE PHILIPPINES
QUEZON CITY**

INFORMATION TECHNOLOGY DEPARTMENT

LIST OF STUDENTS RESEARCHES

No.	RESEARCHERS	TITLE OF PROJECT	ADVISER	DATE COMPLETED
1	Buenaventura, Aristotle C. Cruz, Yunice Nicole J. Naval, Dominador Jr. S.A	FloodReady: Immersive Flood Preparedness Training Using Virtual Reality	Ms. Roxanne A. Pagaduan	May 2024
2	Josef, Kahlil Jaeco B. Danga, Marco B. Ramirez, Janver A.	ParaSafe: A Backend Infrastructure Utilizing Firebase	Ms. Paula Jean C. Mendoza	May 2024
3	San Gabriel, Rovic Bautista Balane, Cyrille Khyle Francisco Pinuela, Jose Rey Damian Mercado	ParaSafe Responders: Implementation of Police Rapid Response Mobile Application utilizing A* Search Algorithm	Ms. Roxanne A. Pagaduan	May 2024
4	Cui, Rachelle Lynne T. Manuel, Marvin Joseph D. Mendoza, Gracia C.	ParaSafe: Web Application Protecting Women and Children through Crime Report Management, Data Analytics, and Visualization	Ms. Paula Jean C. Mendoza	May 2024
5	Nazareno, Louis Lane R. Tardecilla, Kurt Joshua T. Torreses, Aaroh Jon Pichollo Q.	ParaSafe: ParaSafe: Implementation of a Mobile Application for Empowering Women and Protecting Children Against Violence using A* Search Algorithm	Ms. Roxanne A. Pagaduan	May 2024
6	Cañete, Jeruel J. Enilo, Mark Joshua T. Villareal, Russell Stephen C.	CyberGeeks: An Ethical Hacking Mobile Game using a Procedural Generation Algorithms	Engr. Jerry E. Borromeo	May 2024
7	Durias, Hyacinth Sophia A. Morata, Khyla T. Reyes, Aldwin Dennis L.	QueryLearn: A Mobile Game Application for Learning SQL Using Knuth-Morris-Pratt Algorithm	Ms. Paula Jean Mendoza	May 2024
8.	Catral, Noell Nicolei M. Franco, Rembranth L. Moraga, Kathlynn Joy	PASADA: Bus and Jeepney Simulator – A Mobile Game for Bus and Jeepney Drivers' Driving Skills Assessment	Dr. Gerald T. Cayabyab	May 2024

9	Delos Angeles, Win Mari P. Don, John Claudevanne F. Fototana, Cheska P.	V-SASTER: Building Resilience through Immersive Scenario-based Fire Disaster Simulation for Preparedness and Response using Virtual Reality	Dr. Gerald T. Cayabyab	May 2024
10	Cabangal, Earl Ramiel G. Estanislao, Adrian V. Medrano, Robson Mathew D.V.	FurSpective: Mobile Application for Diagnosing Common Skin Diseases in Cats and Dogs using Convolutional Neural Network	Ms. Roxanne A. Pagaduan	May 2024
11	Caburnay, Raine Carlo E. Valenzuela, Tanya Margueret D. Villaruz, Clark Steven F. Villones, Ryanna Kiel F.	FLIGHTX: A Simulation Game for Preparing Emergency Scenarios Prior to an Aircraft Crash Utilizing Dijkstra Algorithm	Engr. Jerry E. Borromeo	May 2024
12	Reyes, Alexa Katherine J. Soriano, Robin S. Tuazon, Mitch Aynsley T.	KolonyaQuest: A Captivating 3D Scavenger Hunt Mobile Game Application Expanding Grade 6 Students' Knowledge of Philippine Colonization using Fisher-Yates Algorithm	Engr. Jerry E. Borromeo	May 2024
13	Baes, Aaron Michael A. Crisostomo, Joy Camil V. Villar, Robert Matthew C.	LifeSVR: A Lifesaving Virtual Reality Application in Basic First Aid Training for Natural Disasters	Ms. Paula Jean C. Mendoza	May 2024
14	Fajardo, Franz Miguel T. Filart, Christian Kyle B. Llavore, Emmanuel P.	SeranyCare: A Web and Mobile Application for Serany Foundation Inc. utilizing Bcrypt Hashing Algorithm	Ms. Paula Jean C. Mendoza	May 2024
15	Fuerte, Erika L. Rodanilla, Ryan Paul C. Tabada, Brian Gerard G.	EaseStudyante Commonwealth High School Student Management System on Mobile and Web Platforms with AES Algorithm	Engr. Jerry E. Borromeo	May 2024
16	Delfin, Darlene Elyssa I. Ibarra, Christine Joy B. Igagamao, Jamile A.	CPDD DocuCentral: A Secure and Scalable Web and Mobile Document Management System Utilizing Binary Search Algorithm with Performance Analytics	Engr. Jerry E. Borromeo	May 2024
17	Celestino, Jon Benhur P. Mauro, John Benedict A. Paras, Razel Raynier G.	LindolLabs: Empowering Disaster Management Through Immersive Earthquake	Ms. Paula Jean C. Mendoza	May 2024
18	Aliporo, Ma. Michaela D. Bauto, Michael Dominic C. Velasco, Matthew M.	Constructopia: A Virtual Reality Construction Simulation for Novice Construction Laborers	Ms. Jasmin A. Caliwag	May 2024
19	Bacala, John Lawrence Contreras, Joshua Alene Elopre, Erickson John	Adaptive Mobile Learning Application for R Programming Language using Long Short-Term Memory Algorithm	Dr. Rosmina Joy Cabauatan	May 2024

20	Briones, John Lorenz D. Goroy, Reynaldo B. Salenga, Danica Anjielyn D. Ibisate, John Carlo V.	PAMANA: Exploring the Philippines' Heritage through Integrating Quest-Based Item Exploration in a 3D Game using Dijkstra Algorithm	Engr. Jerry E. Borromeo	May 2024
21	De Los Santos, Vince Allen S. Mina, Vea Bianca M. Roa, John Rev Paul Mathew O.	eCareNet: A Web Application in Optimizing Healthcare Services for Health Center of Barangay Onse, San Juan City	Ms. Arceli F. Salo	May 2024
22	Aquino, Justin Deniel S. Campo, Patrick James C. Cuyos, Neil Vincent H.	MataZard: A Smartphone Camera-Based Detection of Hazardous Objects for Fire and Earthquake Awareness, utilizing YOLO Algorithm and Snap AR	Ms. Arceli F. Salo	May 2024
23	Rey, Hannie Grace A. Natividad, Joaquin Sebastian C. Tapic, Jon Arnold M. Paccarangan, Yarih Faye C.	AutomotiV-R : Virtual Reality Adaptive Learning Game in Automotive Servicing using SAM-Felder-Silverman Learning Models and LSTM Algorithm	Dr. Rosmina Joy Cabauatan	May 2024
24	Afalla, Arvin Rex li A. Dy, Ainzleigh Tyrell V. Mananzan, Mauris Jan M.	ProTech: 3D Platformer PC Game about Usable Security using Finite State Machines	Engr. Jerry E. Borromeo	May 2024
25	Sagayap, Jericho David C. Santos, Miguel Carlo A. Vergara, Jazmine T.	RockQuest: A Mobile Learning Game in Rocks and Minerals for Grade 11 STEM Track Students	Dr. Felizardo C. Reyes Jr.	May 2024
26	Delos Santos, John Alfred D. Narvaez, Ivan Ron M. Nagrama, Karen May T.	BioScape: A Virtual Reality Simulator Conserving Flora and Fauna in the Philippines	Dr. Felizardo C. Reyes Jr.	May 2024
27	Kurt Russel Gutierrez Alan James R. Olarte Francis Raphael L. Pecson Christine Joy B. Policarpio	StreetWatch: A Web and Android Mobile Application for Reporting and Monitoring Crimes and Incidents in Brgy. San Juan Taytay, Rizal	Ms. Roxanne A. Pagaduan	May 2024
28	Aquino, Danica A. Bacarac, Mark Jonathan M. Declaros, Mary Krisssha L.	VR4CE: A Virtual Reality Laboratory Focusing on Chemistry Education for grade 11 STEM Students	Ms. Paula Jean C. Mendoza	May 2024
29	Abrera, Austin Ryan M. Abrian, Azarel Jedial P. Timado, Janus Marcel R.	MathMaze: A 3Dimensional (3D) Maze Game in General Mathematics Concepts for Grade 11 SHS Students Using Depth-First Search Algorithm	Ms. Roxanne A. Pagaduan	May 2024

30	Borilla Jr., Joel P. Garcia, John Marcus P. Golpe, Reginald J.	Eggpress: Mobile and Web-based Application Enhancing Seamless Store Management and Inventory System for Rod and Helen Fresh Egg Store	Ms. Roxanne A. Pagaduan	May 2024
31	Bornales, Jushua A. Garcia, Carlos D. Labanon, Mary Angelique C.	HR Connect: Information Management System for Land Transportation Office Human Resources Department	Ms. Paula Jean C. Mendoza	May 2024
32	Salaya, Vince Angelo T Quimno, Jason Fel N. Aquino, Lexner John T	Adaptive Mobile Learning Application for Mandarin Language using Attentive Neural Network and Text-to-Speech Algorithms	Dr. Rosmina Joy Cabauatan	May 2024
33	Lobien, Jared Niko M. Mejoy, Joseph Adrian L. Rogado, Aidan Mark V.	ARChem - An Augmented Reality Turn Based Chemistry Game Utilizing Markerless Tracking through Simultaneous Localization and Mapping Algorithm	Dr. Rosmina Joy Cabauatan	May 2024
34	Cordero, Michael Vargas, Boy	OSA.dms: A Document Management System for Co-curricular and Extra-curricular Activities for the Office of Student Affairs	Ms. Paula Jean C. Mendoza	May 2024
35	Pastrana, Jane Rochelle D. Rayala, Rogel John Aron C. Romero, Rex Victor F.	TomatoCARE: A Mobile Application Utilizing Image Recognition For Tomato Plant Disease Diagnosis Using CNN Algorithm	Ms. Paula Jean C. Mendoza	May 2024
36	Alic, Louie James C. Lopez, John Ried B. Mendoza, Angelo E.	ORAS: Online Registration and Enrollment System For High School Students in Fortune High School using Linear Search Algorithm	Ms. Roxanne A. Pagaduan	May 2024
37	Sevilleta, Reizel G. Dela Peña, Paul Ranario, Camille Joy	BioXplorer: A 3D Adventure Mystery Mobile Game Focused on Biology for Grade 12 STEM Students Using Wave Function Collapse Algorithm	Ms. Roxanne A. Pagaduan	May 2024
38	Andrade, Jaron John L. Fuentes, Ros Antonio D. Magallanes, Carl Justin B.	Gescue: A Gesture-Based Emergency Mobile Application for Quick Assistance and Support (Using Hidden Markov Model Algorithm)	Ms. Paula Jean C. Mendoza	May 2024
39	Golandrina, Jhon Rommel Jr D. Guevara, Dalen A. Sajol, Janella Ysabel P.	LingoLingo: A Mandarin Language Learning Game Using Word-Matching Algorithm	Ms. Jasmin A. Caliwag	May 2024
40	Labonete, John Gilbert S. Niu, Krista Rae G. Pimentel, John Christian E. Soriano, Von Harold S.	E-Services: Web-Based Management System for Brgy. E. Rodriguez Sr. using BM25 Algorithm	Engr. Junnel E. Avestro	March 2023

41	Egil, Arshi J. Villamor, Princess Sheila D.	CHEMRun: Development of a 2D Endless Running Mobile Game about Chemistry for STEM Senior High School Students using Fisher-Yates Algorithm	Ms. Roxanne A. Pagaduan	March 2023
42	Rodrigo, Baron M. San Pascual, John Richard C. Tan, Zael T. Tumpalan, Kathleen Kate I.	PASADA: A Web-based Learning Management Application for PUJ and Bus Drivers	Dr. Gerald T. Cayabyab	March 2023
43	Misa, Joel Ric C. Perdido, Matheiu Amiel V. Signo, Julian Karlo C.	PASADA: A Mobile Learning Application for Modern Jeepney and Bus Drivers	Dr. Gerald T. Cayabyab	March 2023
44	Barrameda, Michael John S. Morato, Serge Blue C.	PASADA: A Cloud-based RESTful Application Programming Interface	Dr. Gerald T. Cayabyab	March 2023
45	Bandelaria, Francis Alfonso L. Castor, Josiah Mark O. Torreliza, Leigh Joy V.	CurrenSee: Philippine Currency Identifier and Counterfeit Checker Mobile Application for the Blind Community using MobileNets Architecture	Ms. Roxanne A. Pagaduan	March 2023
46	Pascual, Maria Eilazor C. Salvador, Stefani S. Tuscano, Kristine Anne M.	Mathusay: A Mobile Learning Application in Geometry for Grade 9 Students of Sto. Tomas de Villanueva Parochial School in Pasig	Ms. Roxanne A. Pagaduan	March 2023
47	Dao, Lorenz E. Dela Peña, Angela Mae A. Tubig, Jose Jetro V.	MathOras: A Mathematics Mobile Learning Game for Grade 1 Students Using Fisher-Yates Algorithm	Ms. Paula Jean Mendoza	March 2023
48	Depamaylo, Bea Michelle Anne P. Mateo, Niña Marie S. Reyes, Rafael Lorenzo T.	RIDERS: Road Infrastructure Design Evaluation and Reporting System	Dr. Gerald T. Cayabyab	March 2023
49	Domogma, Kenneth Jakihaca, Jesryll Gonzales, Mel Carlo Rhamley_abdulhalim	White-Jaw: A Mobile Third-Person Role Playing Adventure Game for Sebi-Tech	Ms. Jean Angeles	March 2023
50	De Real, Don Othello D. Lazo, Elaine M. Roda, Emmanuel F.	Happy Hands: An Interactive AR-based Nursery Rhymes and Mini-games Collection for Kindergarten Students	Ms. Paula Jean Mendoza	March 2023
51	Casumbal, Matthew Angelo D. Dado, Eloise Nicole C. Tirona, John Matthew C.	SpeakingBook: A Mobile Application for Blind Students of Concepcion Elementary School Utilizing Screen Reader API and Fisher-Yates Algorithm	Engr. Jerry Borromeo	March 2023
52	Barbosa, Kathleen Dara Gabriel, Mary Cris Ann L. Israel, Angela Nicolle	Citadel: A Web-Based Commercial Space Rental Management System with Predictive Analysis Using Logistic Regression for Jim's Market	Engr. Jerry Borromeo	March 2023

53	Cortes, Stephanie Mae Kobayashi, Kobe Bryan Romano Alexis	AR Food Garage: A Mobile Application for Food Ordering and Web-based Order Management in Alfonso, Cavite	Ms. Paula Jean Mendoza	March 2023
54	Sablad, John Gabriel D.R. Manuel, John Paul M. Delos Reyes, Kurt Russel D.	Conquest of Erudition: A 3D English Learning Board Game	Ms. Paula Jean Mendoza	March 2023
55	Dollentas, Crisander F. Leyba, Redien Paul R. Limbo, Cyril Randall A.	KAON: A Mobile-based Filipino Recipe Recommender utilizing Content-based Filtering Algorithm	Ms. Arceli F. Salo	March 2023
56	Apo, Jomar Luis M. Celestial, Honesto Jr. G. Gonzales, Ralph Glenn S. Roxas, Tracy Vincent S.	MathSukat: A Mathematics Mobile Learning Game for Grade 1 Students Using Sattolo's Algorithm	Ms. Jasmin Caliwag	March 2023
57	Abaño, Scotie Allan O. Andrada, Elisha Bernadette B. Concepcion, Ericka O.	SaishoPH: An E-commerce Web and Mobile Application for Saisho Takoyaki Food using Ranking and Serial Search Algorithm	Ms. Jasmin Caliwag	March 2023
58	Barlaan, Michael Hanz G. Macalalad, James Ivan E. Obus, Kenneth D.	Naantaan: A Pangasinan Mother Tongue Mobile Learning Application for Grade 2 Pupils of Pangasinan	Ms. Arceli F. Salo	March 2023
59	Linson, John Patrick M. Orceo, Paul Vincent Q. Rabanal, Jake V.	Full Motion: A Mobile Learning Application for Physical Education of Grade 2 Students Using the SLAM Algorithm	Engr. Jerry E. Borromeo	March 2023
60	Cariño, Neil Gabriel C. Dela Cuesta, John Louie R. Giangnan, Marcus Allen B.	Fire Breakout: A Fire Escape and Survival Game Using Pathfinding Algorithm	Ms. Arceli F. Salo	March 2023
61	Dacpano, Chris Ross R. Dela Paz, Yenoh John N. Liwanag, Louis Gabriel S.	MathBigat: A Mathematics Mobile Learning Game for Grade 1 Students Using Fisher-Yates Algorithm	Ms. Roxanne A. Pagaduan	March 2023
62	Bernardino, Cellene A. Ombi-On, Dexter A. Sarmiento, Justine Bruce R.	STC: An E-Barangay Management System for Barangay Socorro, Quezon City Using Sorting Algorithm	Engr. Junnel E. Avestro	March 2023
63	Borras, Jeferson Quiogue, Ryan Christian A. Sumio, Carlo Peter T.	PST: A Web-based Student E-Scholar Tracking and Management System with Content-based and Collaborative Filtering Algorithms for Pasig City Scholars Office	Engr. Jerry E. Borromeo	March 2023
64	Atendido, Rej Ryan Dg. Mata, Edwardine B. Surban Jr., Dante A.	OTSO: QCPD - Police Station 8 Document Management System Using Search Algorithm	Engr. Junnel E. Avestro	March 2023

65	Alberto, Aaric Bryan M. Deuna, Julius C. Franco, Bryan James C.	MathOras: A Mathematics Mobile Learning Game for Grade 1 Students Using Fisher-Yates Algorithm	Ms. Paula Jean C. Mendoza	March 2023
66	Anacito, Drezza A. Fernandez, Francis L. Pesquera, John Christopher C.	LOOP: A 3D Learning Game with Simulation of Programming Life Using Unity	Dr. Gerald T. Cayabyab	March 2023
67	Banquito, Christian Cayona, Cristel Ivanne Mallari, Angelo	Rose G: A Web-based And Mobile Application For Food Ordering And Management System Utilizing Ranking Algorithm	Ms. Jasmin Caliwag	March 2023
68	Flores, Alain D. Ilao, Harvey D. Maunda, Benjamin B.	ARCLearning: A Mobile Learning Application for TESDA Automotive Servicing Program	Ms. Roxanne A. Pagaduan	March 2023
69	Macabayao, Kevin Luna, Gavin Miguel N. Ramos, Francis	WMES: Web and Mobile-Based Enrollment System for DAZSMA Using Sort Algorithm	Engr. Jerry E. Borromeo	March 2023
70	Boniza, Angela Q. Buenavente, Bryan U. Impoc, Juliana Rose L.	BPAS: Web-based Electronic Barangay Management System Using Binary Search Algorithm in Barangay Pinyahan, Quezon City	Engr. Jerry E. Borromeo	March 2023
71	Manalo, Sam Denniel P. Natividad, Rhomelyn Anne M. Villanueva, Claidhen H.	Star Kingdom: A 3D Interactive Theme Park Game for Kids Using Randomized Algorithm	Ms. Paula Jean C. Mendoza	March 2023
72	Doria, Jan Bernard P. Lozada, Aldrich James A. Macapanas, Aeron Louise E.	GALA: A 3D Adventure Mobile Game Application about Philippine Wildlife Using A* Algorithm	Ms. Paula Jean Mendoza	March 2023
73	Arjay L. Cantemprate Ghar Benedict B. Estoque Tristan Cresskin S. Luntabo	EzEnglish: Mobile Learning Application for Grade 3 Students of Cubao Elementary School	Ms. Paula Jean C. Mendoza	March 2023
74	Castillo, Krystal Cate C. De Jesus, Ghobel I. Taduyo, Jalin Rose N.	PASADA: Implementation and Analysis of PUV's Patterns and Attitude on the Streets Using Data Analytics	Ms. Paula Jean C. Mendoza	March 2023
75	Dela Cruz, Cian Jin G. Gonzales, Jay Mark A. Quite, Jerico R.	JRQ-Connect: A Web-based Management System Using Collaborative Recommendation Algorithm for JRQ Motorcycle Parts and Accessories Shop	Ms. Roxanne Pagaduan	March 2023
76	Caraig, Lawrence John C. Julian, Julius M. Sarmiento, Carl Matthew A.	HelloTIP: Interactive 360 Virtual Tour Application for the T.I.P. QC	Dr. Gerald T. Cayabyab	March 2023

77	Jabao, Alliah Charel P. Jepollo, Maria Carla T. Medina, Hannah Daniela T.	CalumpangGov: A web-based Barangay Management System for Calumpang, Marikina City utilizing Hierarchical Clustering Algorithm	Engr. Jerry Borromeo	March 2023
78	Alisuag, Angelica C. Anastacio, Leander Joseph R. Doroja, Vaughan Patrick I.	V-Saster: A Virtual Reality of Fire Disaster - What to do in the Event of Calamities (Using Inertial Measurement Unit Algorithm)	Ms. Paula Jean C. Mendoza	March 2023
79	Bertol, Rex Gabriel D Cruz, Alaine Stephen C. Santos, Wendee S.	WLAR: A Mobile Application for Ninoy Aquino Parks & Wildlife Center Virtual Tour Guide using Augmented Reality Technology	Ms. Roxanne A. Pagaduan	March 2023
80	Canonoy, Proi Adrian A. Dagdagan, Irish Kit S. Salarda, Christian James S.	WazteMo: A Fabrication of CDS Mobile Application Waste Management in Brgy. Silangan San Mateo Rizal	Dr. Gerald T. Cayabyab	March 2023
81	Dioso, Johnlhex B. Esguerra, James Jofel D. Fernandez, Lyncon S.	Bring Hope With a Smile Inc: A Web-based System using Smart Search Algorithm	Engr. Junnel E. Avestro	March 2023
82	Bangud, Jerico M. Camus, Dan Carlo P. Martinez, Raymond Miguel V.	RFSPH:A Web Based Management System for Rizal Flavor Streetwear using Ranking Algorithm	Engr. Junnel Avestro	March 2023
83	Cledera, Anna Maureen L. Perez, James Markely M. Rosales, Alanis Trixie H.	TechEscape: A 3-Dimensional PC Building Themed Escape Room Using Fisher Yates Algorithm	Engr. Junnel Avestro	March 2023
84	Evangelista, Hanna Raven B. Gammad, Lorenzo Miguel M Kanapi, Kyler M And Ocampo Alec Mathew M.	Lingwistik: A Dialect Translator for English Cebuano and Tagalog Mobile Application	Dr. Gerald T. Cayabyab	March 2023
85	Cervantes, Qay Mercado, Eunard Magdaraog, Edward Rasing, Edan	Mathuto: Mobile Learning Application using Sorting Algorithm	Ms. Paula Jean Mendoza	March 2023
86	Bonete, Jonah D. Bujawe, Jhon Lloyd C. Castillo, Sherbert G. Duque, Patrick John S.	AUGMENTED REALITY TOURING APP FOR FORT SANTIAGO (ANDROID VERSION)	Dr. Gerald Cayabyab	March 2023
87	Soriano, Rina Anne Gizelle E	IR3 Hospital Solutions, Consultancy, and Pharmaceutical Client Scheduling Mobile Application Using Genetic Algorithm	Engr. Jerry Borromeo	March 2023
88	Carampot, Elijah Lacap, John Paul Sayson, Zein France	The Gram: A Website and Mobile Application for a Local Café Utilizing Search and Ranking Algorithm	Ms. Jasmin Caliwag	March 2023

89	Gomez, Noah Israel G. Orasa, Jane D. Rigor, Rupert John Z.	HCIGO: A MOBILE LEARNING APPLICATION FOR INTRODUCTION TO HUMAN COMPUTER INTERACTION	Ms. Jean Angeles	March 2023
90	Edgar Joseph M. Aquino Reign Christen F. Bonifacio Karlo Gio B. Maligaya	Prisonly: A Web and Mobile-Based Jail Visitor Monitoring System using QR Code with SHA-256	Engr. Junnel E. Avestro	March 2023

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1.	Asis, Lorelie D. Ayo, Michael C. Espiritu, Rufi Dominic P	LaProsperidad Sales Team Management: Online Inquiry and Appointment Web Application with Sales Management System	Engr. Jerry E. Borromeo	October 2021
2.	Cruz, Justin Julius T. Ruidera, Leonardo P. Santelices, Ma. Jolina G	DRIVER.PH: A Learning Management Tool for Truck Drivers' Competency Assessment (E-learning Web Application)	Mr. Gerald T. Cayabyab	October 2021
3.	Altovar, Ryan Miguel S. Concepcion, Erninda Martha B. Ventura, Alphonsus Ma. G	DRIVER.PH - Drivers Roadworthiness Improvement Verification Education Readiness for the Philippine logistics industry (M-Learning Application)	Mr. Gerald T. Cayabyab	October 2021
4.	Crisostomo. Ibarra R. Estella, Anthony Lawrence E.	BoardReadEE: AN ELECTRONIC MASTERY TEST EVALUATION TOOL FOR ELECTRICAL ENGINEERING GRADUATES FOR BOARD EXAM READINESS	Mr. Gerald T. Cayabyab	October 2021
5.	Bricenio, Cristine Mae B. Cabudol, John Michael Fernando, James Ryan Malabiga, Maryclaire Son, Toby Liam Tariq, Zulquirnain Ali	Kapwatek Mobile and Web-Based Application	Mr. Gerald T. Cayabyab	October 2020
6.	Bulan, Abigail C. Eslana, Sofia U. San Antonio, Lanz Oliver B	INTROCOMPS: Mobile Learning Application for Introduction to Computing	Engr. Junnel E. Avestro	October 2020
7.	Chan, Kenneth A. Estebal, Johndy Q. Gabriel, Glen Roiland H.	HCguide: A Mobile Learning Application for Human Computer Interaction 2 Using Fisher – Yates Algorithm	Engr. Jerry E. Borromeo	March 2020

8.	Carbonell, Ma. Janelle Graziella D. Perez, Karl Alrich M	SADARAL: A Mobile Learning Application for System Analysis and Design 1	Ms. Jean M. Angeles	March 2020
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9.	Cabus, Eugene B. Landicho Randy V. Muyco, Carl Jason B. Valiente, Ron Michael R.	GWIS: Guidance Web Information System For Antipolo City National Senior High School	Engr. Junnel E. Avestro	March 2020
10.	Jaramilla, Josua Nicaelo V. Sajorda, Michael V. Uy, Lanz William A	C DOUBLE PLUS: A Mobile Learning Application for Computer Programming 1	Engr. Junnel E. Avestro	March 2020
11.	Alvarez, Gaily Ann R. Juntilla, Jessica Gail P. San Miguel, Denise G.	Antipolo City Senior High School: Library Management System	Ms. Jasmin A. Caliwag	March 2020
12.	Lamban, Mark Salas, Kristopher Rey Nacion, Ivan Forrest Samson, Mark Anthony Gonzaga, Percy Delos Santos, Blezel Lee Aguillon, Jhon Robert	Enrollment and Attendance Monitoring System using RFID with SMS notification	Mr. Gerald Cayabyab	March 2020
13.	Malabao, Khayla Aguilar, Maenette Ramirez, Aaron Daniel	Student Attendance System for Antipolo City Senior High School	Mr. Gerald Cayabyab	March 2020
14.	Cajandab, Gabriel Joe O. Dela Peña, Jimwell R. Patoc, Eronell N	ARES: Web Application Reviewer for ECE Students	Mr. Gerald T. Cayabyab	March 2020
15.	Cembrano, Michael S. Garcia, Gino Mari G. Jaca, Nikko V. Javier, John Emmanuel G. Lagdameo III, Anacleto Z.	FlareMob - Sagip: A Web Application of Flood Prediction and Donation Management utilizing Rational and Rating Curve Formula	Mr. Gerald T. Cayabyab	March 2019
16.	Bayasca, Karl Gabriel P. Beltran, Francis Ymari R. Baradero, Christine Joy A. Magno, John Marverick M.	FlareMob - Likas: A Systems Framework for Catastrophic Disaster Guidance and Response in Barangay Nangka of Marikina City	Mr. Gerald T. Cayabyab	March 2019

17.	Chavez, Jeanelle Andrei G. Galia, Jonathan R. Masuda, Michiko E. Sabelita, Nestor Jr. P. Santiago, Elmer Jr. S.	FlareMob - Agap: A Systems Framework for Catastrophic Disaster Guidance and Response in Barangay Nangka, Marikina	Mr. Gerald T. Cayabyab	March 2019
18.	Calimlim, Jeremiah Rose L. Naval, Mhina Clare S. Torralba, Ma. Gemma M.	MathPangkat and MathHati: MobileGame Application for Grade 1 Mathematics using Fisher-Yates Algorithm	Mr. Mark Jade S. Corpuz & Engr. Junnel E. Avestro	March 2019

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19.	Rinz, Joseph Dizon, Leo John Vitudio, Jonathan	Ang Muling Pagkabuhay ng ating Panginoon Parish Content Management System	Mr. Gerald T. Cayabyab	March 2019
20.	Martin, Eric Martin Copones, King David Doria, Roy Adrian	EQUALS: A Job Matching Mobile Application for Persons with Disabilities (PWDS)	Mr. Gerald T. Cayabyab	October 2019
21.	Odera Joseph Echendu Epefania I Nuguit Kelvin Cloi A. Robihid	SALIKHA: A Virtual Tour to Cultural and Heritage Space of Corregidor Island in GPS-Bases in Augmented Reality Utilizing Kanade Lucas-Tomasi Algorithm (los)	Ms. Jean M. Angeles	October 2019
22.	Agay, Hanna Felize Dela Cruz, Rafaella Mae D. Eguia, Precious Nicole B.	m-Test: A Mobile Expert System for Male Reproductive Diseases Using Fuzzy Logic Algorithm	Ms. Jasmin A. Caliwag	March 2018
23.	Dalisay, Kim Alvin T. Molit, Winston Jade O. Reyes, Steffanie Anne M.	SQ Learn: A Mobile Learning Application for Oracle 1 Using Sattolo's Algorithm and Binary Search Algorithm	Ms. Paula Jean M. Castro	March 2018
24.	Madrona, Mark Salsalida, Jade Valdepenas, Christian Ray	Purrs & Paws Marikina Mobile Pet Registration Using Boyer-Moore Algorithm	Engr. Jerry E. Borromeo	March 2018
25.	Almazan, Peter Bern P. Punzalan, Martin Jon L. Rivera, Ricardo Jr. F.	DOCTOR RENAL: Expert System for Kidney Diseases Using Fuzzy Logic Algorithm	Ms. Jasmin A. Caliwag	March 2018
26.	Cinco, Dennis Dominic P. Perono, Nicole A. Taeza, Royce Christoffer R.	TARANTULearn: Tarantula Care Sheet with Scheduler and Enclosure Recommender Using Content-based Filtering Algorithm	Engr. Junnel E. Avestro	March 2018

27.	Atendido, Mary Ann Mangubat, Sherlynn R. Sandoval Harris B.	TIP-tutor finder: Tutor Finder Mobile Application for TIP Students Utilizing Boyer Moore Algorithm	Mr. Mark Jade S. Corpuz	March 2018
28.	Arnonobal, William Harry S Dangeros, Silver S. Morillo, Achilles	TRUEBOOK: A Mobile Learning Application in Reading for Senior High School Students Utilizing In-Place Algorithm	Engr. Junnel E. Avestro	March 2018
29.	Fajela, Rodel L. Mesia, John Vincent M.	Marbles and Magnets: A Mobile Game Development Using Fuzzy Logic Algorithm	Ms. Jean M. Angeles	March 2018
30.	Misula, Marwin Samia, Emmanuel Saulog, Mark Spencer	TESDA TECHVOC: M-Learning for Consumer Electronics	Ms. Paula Jean M. Castro	March 2018

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31.	Cortes, Cristy B. Ilustrisimo, Hazel M.	The Guard-Dener: 2D Game for Kids Using Collision Detection Algorithm	Ms. Roxanne A. Pagaduan	March 2018
32.	Enriquez, Paolo Uriel N. Lalamoro, Jerver I. Rubillos, Grace Christian	Dyslex - A Mobile Application for Typeface Conversion aiding Development Reading Disorders utilizing Tesseract Algorithm	Mr. Gerald T. Cayabyab	March 2018
33.	Ayson, Andrew Balaguer, Manuel Joseph Jaca, Nikko	Weight Estimation of Horse and Swine (WEHS) using Smartphone Camera	Mr. Gerald T. Cayabyab	March 2018
34.	Flores, Mariella Gan, Aaron Dane Mendoza, Arvin	MathFraction and MathHugis: Mobile Game Applications for Grade 1 Mathematics	Mr. Mark Jade S. Corpuz & Engr. Junnel E. Avestro	March 2018
35.	Mayor, Von Erick B. Mesa, Earl Rustein P. Silvallana, Rico A.	MathGrupo and Math Buo: Mobile Game Application for Grade 1 Mathematics using Fisher-Yates Algorithm	Mr. Mark Jade S. Corpuz & Engr. Junnel E. Avestro	March 2018
36.	Hesseler, Marvin L. Mutia, Alvin Frederick M. Nieves, John Mark Lester A.	INVESTTRACKER: A Stock Market Mobile Application using Decision Tree Algorithm	Ms. Paula Jean M. Castro	March 2018
37.	Bautista, Marian A. Boniol, Ofelia Grace D. Dela Cruz, Dazelle Mariz C.	VAWfreePH: An iOS Mobile Application for Awareness on Violence against Women	Dr. Rosmina Joy M. Cabauatan	March 2018

38.	Abaygar, Ronalyn G. Janoras, Candy C. Rejano, Sandra Mae S. Valdellon, Micah Elijah R.	SALIKHA: A Virtual Tour to Cultural and Heritage Space of Corregidor Island in GPS-Based Augmented Reality Utilizing Kanade-Lucas-Tomasi Algorithm	Ms. Jean M. Angeles	March 2018
39.	Mateo, Lars Kendall C. Macasaet, Jennifer Rachelle T. Narido, Rizzi Dianne A. Magno, Jemaima N.	CITE Faculty Consultation System	Mr. Gerald T. Cayabyab	March 2018
40.	Maligaya, Christian Angelo M. Marvil, Renz Marion A. Pandaan, Johndee V.	Property Recommender using Text Mining	Dr. Rosmina Joy M. Cabauatan	March 2018
41.	Casano, Rochelle Magdangal, Jean Damien Lingad, Alexis John	LET Review: A web-based Licensure examination for teachers reviewer application using fisher-yates algorithm	Mr. Gerald T. Cayabyab	March 2018
42.	Buen, Chrisha V. Potot, Neil Patrick F. Rola, Michael Jorge T.	C.I.T.E Consultation System (Mobile)	Mr. Gerald T. Cayabyab	March 2018

No.	RESEARCHERS	TITLE OF PROJECT	ADVISER	DATE COMPLETED
43.	Felix, Kenneth S. Enego, Michael Angelo B.	AutoFix: A Mobile Learning for Troubleshooting Automobile Parts	Ms. Paula Jean M. Castro	March 2018
44.	Austria, Renelyn B. Ortega, Patricia Louise B. Verceles, Guianne Jazmine C.	Grammatika: A Mobile Application for Grammar Checking and Learning Grammar Lessons	Ms. Roxanne A. Pagaduan	March 2019
45.	Amoroso, Vinzen M. Montoya, John James B. Parayno, Joselito M.	KOTSERVICE: A Mobile Application In Finding Service Provider for Automotive	Ms. Paula M. Castro	October 2017
46.	Aban, Carl Michael Lim, Nicholle Torzar, Rodel	EMPOWER AND TECHNOLOGY: Mobile Application for Senior High School Using Select and Sorting Algorithm	Engr. Jerry E. Borromeo	October 2017
47.	Gan, Christian O. Paganpan, Aldrin M. Sadim, Stephanie Anne M.	RABIES FREE 2020: A Rabies Prevention Mobile Application with Animal Bite Treatment Center Recommender using A* Search Algorithm	Ms. Rosmina Joy M. Cabauatan	October 2017

48.	Abad, Justine Eric L. Ballesteros, Josephine S. Soriano, Jenny Rose G.	CHILDPROTECT: Awareness on Children Protection Mobile Application using A* Search Algorithm	Ms. Rosmina Joy M. Cabauatan	October 2017
49.	Evangelio, Jazrel Paul Dr. Fajardo, Kristine Ceejay V. Lucana, Laura Marie	VAWFREEPH: Awareness on Violence Against Women Mobile Application using A* Search Algorithm	Ms. Rosmina Joy M. Cabauatan	October 2017
50.	Arambulo, Benjamin Joseph S. Salamanca, Loirrie Jean L. Tusi, Gena Mei L	SAPATUSAN NI JUAN: A Mobile Application for Local Footwear using Collaborative Filtering Algorithm	Ms. Roxanne A. Ancheta	October 2017
51.	Briones, Daryl Keith Dimaayo, Allan Fernee Lucena, Michael Angelo	HYDROCLEAR: A Mobile Learning Application in Water Purification Process Design using Fisher Yates Shuffle Algorithm	Ms. Paula Jean M. Castro	October 2017
52.	Dangalan, Ryan Marundan, Al Stephen Rebolledo, Joram	MICROSITE: Mobile Learning Application in Microbiology and Parasitology for Ense Students Utilizing Fisher-Yates Algorithm	Engr. Jerry E. Borromeo	October 2017
53.	Abit, Karlleomar D. Lacabra, Marjorie A. Mirabel, Angelo C.	GWSPR: A Mobile Application for Ground Water and Soil Pollution Remediation Utilizing In-Place Algorithm	Ms. Jean B. Maitem	October 2017

No.	RESEARCHERS	TITLE OF PROJECT	ADVISER	DATE COMPLETED
54.	Malpal, Mary Au Veronica Mamaril, Geraldine Sanchez, Robert	OSH: A Mobile Application for Occupational Safety and Health in TIP QC using Linear Congruential Generator Algorithm	Ms. Jean B. Maitem	October 2017
55.	Castro, Paul M.	3DFNHL: 3D Face National Hero Locator Applying 3D Image Reconstruction Algorithm	Ms. Paula Jean M. Castro	October 2017
56.	Besada, Joan Fernando, Mark Joseph Ferrerias, Christian Glorian, Raymond	TIP Admission and Monitoring System for Graduate School Program	Mr. Gerald T. Cayabyab	October 2017
57.	Cadano, Richard Dean Pena, Mark Justine Sudoy, Charles Angelo	Mobile Game Development on Finding The Circumference of a Circle for Grade 5 Math	Ms. Paula Jean M. Castro	October 2017

58.	Bukirin, Patriazia Micaella M. Malpal, Mary Anne Dianne N. Morales, Jamie Claire	Development Of Mobile Educationaltime Games For Grade 5 Math Utilizing Fisher-Yates Shuffle Algorithm	Ms. Girlie V. Atienza	October 2017
59.	Sengco, Phillip Michael S. Tavas, Joshua Rhon B. Torrevillas, Kaiser Dominic B.	Development Of Mobile Educationaltime Games For Grade 5 Math Utilizing The Marsaglia's Xorshift 128 Algorithm	Mr. Mark Jade S. Corpuz	October 2017
60.	Balan, Mark Anthony C. Bustamante, Angelo C. Peralta, Jayson G. Sandoval, Ray Vincent B. Yuhan, John Carlos C.	POLY2CIRC: A Mobile Game Application about Polygons and Circles for Grade 5 Students	Mr. Gerald T. Cayabyab	October 2017
61.	Alvarez, Beatrix M. Dumo, Francis R. Kanapi, Luigi M.	RESTO RUSH AND 12-24 CLOCK: Mobile Game Applications for Grade 5 Math using In-Place and Fisher-Yates Algorithm	Ms. Jasmin A. Caliwag	October 2017
62.	Arenas, Nikko G. De Guzman, Aldrin M. Medillo, Wilfredo E. Iii	SOLID FIGURE GAME: A Mobile Learning Application for Grade 5 Students using Unity 2d	Engr. Junnel E. Avestro	October 2017
63.	Arenas, Nikko De Guzman, Aldrin Medillo, Wilfredo	Mobile Learning Game For Grade 5 Math Students	Engr. Junnel E. Avestro	Summer 2017
64.	Navares, Mar Anjorie Perez, Bianca Arianna Pulmones, Mark Keeddee	MATH-PERCENTAGE: A Math Mobile Learning Game Based in Solving Percentage For Grade 5 Student	Ms. Jean B. Maitem	Summer 2017
65.	Cuntapay, Elpidio Dela Cruz, Paulo Adrian Esteban, Reynaldo	Mobile Learning Game For Grade 5 Math Students	Mr. Jerry E. Borromeo	Summer 2017

No.	RESEARCHERS	TITLE OF PROJECT	ADVISER	DATE COMPLETED
66.	Canillas, Maria Angelica Consuelo, Ian Carlo Pacis, Janna Louwil	Pinoy Big Rather And Math Market: An Android-Based Mobile Game For Grade 5 Mathematics	Ms. Roxanne A. Ancheta	Summer 2017
67.	Banayag, Mark Paul Crisostomo, Christian Edrian Garcia, John Jonathan	Mobile Learning Game For Grade 5 Math Students	Ms. Rosmina Joy M. Cabauatan	Summer 2017

68.	Avilla, Manuel Bato, Jayron Gelera, Kenjie	Mobile Learning Game For Grade 5 Math Students	Mr. Gerald T. Cayabyab	Summer 2017
69.	Adriano, Emmanuel Almario, Josh Resty Manuel, Erwin Joseph Santos, John Israel Savellano, Jasper	GOLIFE: An Insurance Mobile Application for Potential Clients of Manulife that Utilizes Decision Tree Algorithm	Mr. Gerald T. Cayabyab	October 2016
70.	Buenaventura, Justin-Jerome Dalmacio, Steven Del Rosario, Faustin Paul Elizaga, Lara Verzo, Joey	VOICE Website with Ordering and Delivering Management System and Locator	Mr. Gerald T. Cayabyab	October 2016
71.	Babante, Ian Bernard Bernabe, John Rich Brillo, John Jerick	PHILCOST: Building Cost Estimation Focusing on Philippine Residential Settings using Fuzzy Logic Algorithm	Mr. Jerry E. Borromeo	October 2016
72.	Lazo, Michael Lagunzad, Roi Oliveros, Aerhon James	Self-Administered and LAN-Based Registration and Voting System	Mr. Felizardo C. Reyes Jr. Ms. Fredilyn B. Calanda	October 2016
73.	Alonzo, Camille Bathan, Sarah Pasaporte, Hazelle Joy	EMAGS: Mobile Learning in Electromagnetics	Engr. Junnel E. Avestro	October 2016
74.	Garcia, Danyel Gabilo, Drazen Cunanan, Michael	Naval Archilonian: M-Learning Application of Naval Architecture with 3D Model and Simulation using Heap sort and Last Vegas Algorithm	Ms. Roxanne A. Ancheta	October 2016
75.	Dela Paz, Mark Joseph Falyao, Yanlee Rivera Jr., Noel	Mobile Learning Application on Food and Beverage Control System Applying Fisher-Yates Algorithm	Engr. Junnel E. Avestro	October 2016
76.	Cruz, Nick Brian J. Guevarra, Gerard Christian L. Lamela, Melvin Keir D.	L-Pharma: A Mobile Learning Application in Pharmacology for Medical Students using Fisher-Yates Shuffle Algorithm	Ms. Fredilyn B. Calanda	October 2016

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77.	Acuna, Jimboy Dela Cruz, Agape Ruth Fatalla, Everlyn Jallorina, Razel Magculang, John Joseph Mendiola, Mak Anthony Sabio, Jerome Veloso, Kenneth	Development of PACUCOA Self-Survey Instrument Management System Using Randomized Algorithm	Mr. Felizardo C. Reyes Jr. Ms. Fredilyn B. Calanda	October 2016
78.	Garcia, Jonathan Guardiano, Shaquille Tagarao, Maria Felina Amos, Christine	Probation Student Monitoring Application: A Mobile Application for Probationary Students	Mr. Gerald T. Cayabyab	October 2016
79.	Curimatmat, Nicky Jake Loriga, Donald Rodriguez, April	Mountain Hikers Monitoring Application	Ms. Roxanne A. Ancheta	October 2016
80.	Bonilla, Jonathan Rabago, Riegil Von Remedio, Annalou	e-Agri: A Mobile-based Expert System for Diagnosis and Prescriptions of Possible Control of Diseases and Disorders of Rice Plants in the Philippines	Ms. Fredilyn B. Calanda	October 2016
81.	Maido, Ann Caroline Azana, Cherry Pie Casabuena, Raymund Christian Venezuela, Bernilyn	Web-based Appointment and Information Management System for Regalado Veterinary Medical Center	Mr. Gerald T. Cayabyab	October 2016
82.	Cruz, Iran paul Donato, Harris Pascual, Janela	ARSC: Mobile Learning System in Static of Rigid Bodies	Ms. Jean B. Maitem	October 2016
83.	Macalindong, Mickee Riguera, Jan Michael Donque, Rhonel	Web-based Attendance Monitoring of Probationary Students	Mr. Gerald T. Cayabyab	October 2016
84.	Agamata, Joshua Almenario, Judy Ann Fuerte, Randy Perez, Lemery Lorraine Poblador, Maurice Ariel	Wardrobes, Props and Set Inventory Management System	Mr. Gerald T. Cayabyab	October 2016
85.	Salonga, Paul Venzon, Kurt Franklin Lao, Cluddie Bien Encarnacion, Jim	Development of Episode 24 Game for Grade 4 (3rd Quarter) Mathdali Project	Mr. Gerald T. Cayabyab	October 2016
86.	Cleofe, Lorjun Tributo IV, Napoleon	Print It: A Middleman Mobile Application using Branch and Bound Algorithm	Ms. Jean B. Maitem	October 2016

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87.	Luzano, Michael Alfred Fuentes, Ros Angelo Domingo, Fernando II	Development of Episode 23 Game for Grade 4 (3rd Quarter) of Mathdali Project	Mr. Gerald T. Cayabyab	October 2016
88.	Abella, Mark Oliver Apran, Christian Castro, Ralph Joseph Soledad, John Kenneth	Road Sign Identification and Letter Line Game: Education Games for Grade 4 Students Using Unity 3D	Ms. Fredilyn B. Calanda	October 2016
89.	Dela Cruz, Mark Daniel Maldea, Ernest Alejandro, Prince Louis	Track My Route: Mobile Application for Cyclist with GPS Route Tracker utilizing Dijkstra Algorithm	Ms. Roxanne A. Ancheta	October 2016
90.	Mendoza, Lorenzo Iraj Pono, Justine Camille Sabornido, Kliana Faye	Sporty: A Mobile Application for Sports Matchmaking System Using Slope One Algorithm	Ms. Paula Jean M. Castro	October 2016
91.	Decano, RC Anthony G. Marzan, Willjan B. Urminita, Rod Brian C.	A Mobile-Based Queuing and Monitoring Application for PUV's Using Dijkstra's Algorithm	Ms. Fredilyn B. Calanda	October 2016
92.	Referente, Mark Lester Agbayani, Jeffrey Sales, Crezel	Development of a CITE web-based Event Schedule Using Sequence Algorithm	Ms. Jasmin A. Caliwag	October 2016
93.	Sarmiento, John Carlo Tongcua, Karl Kevin Fernando, Anna Christina Jamilla, Kendrick Lagubana, Jeanilyn	GRAC-TA: Online Payroll and Personnel Information Management System	Ms. Fredilyn B. Calanda	October 2016
94.	Alvarez, Jean May Doctor, Nicole Gudoy, Richa Marie	Quadrifind and Quadrisets: Educational Game for Grade 4 Students By Utilizing Unity 2D	Mr. Gerald T. Cayabyab	October 2016