



Pamantasan ng Cabuyao
Katapatan Mutual Homes, Bgy Banay-Banay City of Cabuyao Laguna
College of Engineering
CpE Practice and Design Project 2



No.	Group Name	Group Members	Faculty Co-Researcher	Statistician	Approved Title	Panel Members (from DP1)	SCHEDULE
1	Group 1	Alviar, Mark Shandon S.	Engr. Oliver A. Medina	N/A	NFC-Blockchain Based Smart Card for Queuing and Attendance	Dr. Corazon B. Rebong	May 08. 2023 / 08:00-09:30
		Castillo, Wilmark A.				Engr. Ericson A. Mandayo	
		Garlan, Peter Psalm U.				Engr. Evelyn De Castro	
		Laodinio, Apple Sheryl C.					
2	Group 2	Bautista, Christian J.	Engr. Monica B. Magnate	Engr. Monica B. Magnate	HARBand: IoT-based Health Monitoring and Location Tracing with LoRaWAN	Engr. Cherry Casuat	May 08. 2023 / 09:35-11:05
		Dayrit, John Edward L.				Engr. Oliver A. Medina	
		Delos Santos, Edgardo C.				Engr. Ericson A. Mandayo	
		Hernandez, Wenalyn D.					
3	Group 3	Cobacha, Jessica Rose C.	Engr. Aldrin J. Soriano	N/A	Indoor Positioning System Using Ultra-Wideband Technology	Engr. Evelyn De Castro	May 08. 2023 / 11:10-12:40
		Ebuña, Regina Carla C.				Engr. Ericson A. Mandayo	
		Mallari, Austin V.				Engr. Oliver A. Medina	
		Repelente, Junnel D.					
4	Group 4	Balitanor, Christian Jay S.	Engr. Oliver A. Medina	N/A	IOT-Based Speed Growth of Microgreen Plant (Kale, Sunflower & Radish) using Weighted Method with Fuzzy Logic	Engr. Cherry Casuat	May 08. 2023 / 01:30-03:00
		Cansado, James Michael L.				Engr. Ericson A. Mandayo	
		Porcare, Val James G.				Engr. Evelyn De Castro	
		Rosales, Eunice R.					
5	Group 5	Benjamin, Bryan Asley D.	Engr. Oliver A. Medina	N/A	Artificial Intelligent Traffic Light System as Vehicle Volume Detection for Alleviating Traffic Congestion in Pulo, Cabuyao, Laguna	Engr. Cherry Casuat	May 08. 2023 / 03:35-05:15
		Eloso , Aaron T.				Engr. Ericson A. Mandayo	
		Espinosa, Adrian M.				Engr. Evelyn L. De Castro	
		Libed, Jollieh Macy M.					
6	Group 6	Bernabe, James Carl B.	Engr. Florante M. Andaya	N/A	CARE: Cabuyao Accident Response on Emergencies through GPS Tracking System	Dr. Corazon Rebong	May 08. 2023 / 05:15-06:45
		Dela Cruz, Keanu G.				Engr. Oliver A. Medina	
		Legaspi, Luigie C.				Engr. Ericson A. Mandayo	
		Sacramento, Gerald L.					
7	Group 7	Dictado, Ronn Angelo D.	Engr. Evelyn L. De Castro	Marvin M. Vivar	Blockchain Technology Realization In Patient's Health Record from Vital Sign	Dr. Corazon B. Rebong	May 09. 2023 / 08:00-09:30
		Floralde, John Edrian B.				Engr. Oliver A. Medina	
		Mulleno, Christian C.				Engr. Ericson A. Mandayo	
8							
		Antonio, Cylene S.				Engr. Anna-Liza F. Sige	

9	Group 9	Banlasan, Jomari M.	Engr. Monica B. Magnate	N/A	Mispronunciation Assessment System Using IoT-Based Interactive Device	Engr. Oliver A. Medina	May 09. 2023 / 09:35-11:05
		Boncacas, Ma. Eliza				Engr. Ericson A. Mandayo	
		Sumagui, James Neil D.					
10	Group 10	Mangco, Shiela Mae R.	Engr. Camilo P. Navaira	N/A	Efficient Smart E-Cane Device for Visually Impaired Persons Utilizing Computer Vision and Machine Learning	Engr. Anna-Liza Sigue	May 09. 2023 / 11:10-12:40
		Ragca, Daniel O.				Engr. FLorante M. Andaya	
		Reyes, John Emerson G.				Engr. Ericson A. Mandayo	
		Tismo, Ryan M.					
11	Group 11	Espiridion, Christian A.	Engr. Aldrin J. Soriano	Engr. Monica B. Magnate	Navigational Assistant Robot using Robot Operating System (ROS) Framework and Simultaneous Localization and Mapping (SLAM) Algorithm	Engr. Evelyn L. De Castro	May 09. 2023 / 01:30-03:00
		Gonzal, Aedbert R.				Engr. Oliver A. Medina	
		Ramento, John Mark R.				Engr. Ericson A. Mandayo	
		San Juan, John Lord C.					
12	Group 12	Barba, Kim Bryan L.	Engr. Aldrin J. Soriano	N/A	Hydroponically Grown Batavia Lettuce: A Datasets Collection, Data Visualization and Quality Prediction Through Machine Learning	Engr. Anna Liza Sigue	May 09. 2023 / 03:35-05:15
		Eubion, Darwin Kier Jr.				Engr. Oliver A. Medina	
		Macapagong, Christopher James J.				Engr. Evelyn L. De Castro	
		Moras, Bernadette Anne L.					
13	Group 13	Garcia, Jose Benedic G.	Engr. Anna-Liza F. Sigue	Norberto Jr., M. Ferrer	Microcontroller-based Monitoring of Biogas Production from Invasive Water Hyacinth Utilizing Internet-of-Things	Dr. Corazon B. Rebong	May 09 2023 / 05:15-06:45
		Losamia, Christian L.				Engr. FLorante M. Andaya	
		Mendoza, Maria Abigaile R.				Engr. Ericson A. Mandayo	
		Sapin, Prinzz Jozzhua P.					
14	Group 14	Cimacio, Carlo B.	Engr. Evelyn L. De Castro	N/A	Autosched: Auto-Generate Scheduling System Based On Expert Systems	Dr. Corazon B. Rebong	May 10. 2023 / 08:00-09:30
		Delos Reyes, John N.				Engr. FLorante M. Andaya	
		Rejano, John Kenneth B.				Engr. Ericson A. Mandayo	
		Sorreda, Meldric B.					
15	Group 15	Barberan, Ranzel M.	Engr. Evelyn L. De Castro	N/A	Blockchain-Based University Records Management System	Engr. Cherry Casuat	May 10, 2023 / 09:35-11:05
		Labanda, Andrei C.				Engr. Ericson A. Mandayo	
		Ramos, Camela D.				Engr. Oliver A. Medina	
		Regulacion, Andrei					

Prepared by:

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