Table	Team Name
1	Miami University Vertical Takeoff and Landing Aircraft
2	PixelPals
3	Hydro Gravitational Energy Storage System
4	Database Design and Visualization / Visualite
5	Molding
6	mmWave Radar for Search-and-Rescue Operations
7	Security of Machine Learning II
8	Collaborative Flowchart Tool V2
9	Biomimetic Helmet Design (Device Design For Sports)
10	JETCAT Thrust Reversal
11	Load Shed/Rolling Blackout
12	Softball Tournament Planner Team II
13	Softball Tournament Planner Team I
14	Automatic Composing
15	Nursing
16	Softball Tournament Planner Team III
17	Design of a Biochemical Process for Small-Molecule Chemical Production
18	Building an Efficient Composting Structure
19	Energizer: Micro UV Decontamination
20	Computer Vision For Healthcare
21	Proposal Management Chatbot
22	Bowling
23	Anti-Radiation Missile Simulation
24	The Hearts App
25	Red/Blue Video Game for Attack and Defensive Analysis
26	Ecommerce Site
27	Crop Roller
28	Designing a Low-Cost Gluten Sensor Utilizing Aptamers and Gold Nanoparticles
30	AVID Customer Matching System
31	HBC Remote
32	Developing Transport Phenomena Laboratory
33	Battery Powered Refrigeration Unit (BRU) (KEG2)
34	Harnessing Artificial Intelligence and Machine Learning for License Plate Recognition
35	Security of Machine Learning I
36	CyberSecurity CTF
37	Alcoholysis of PET in Nonaqueous Solvents for Polymer Recycling
38	Multi-slot MUD Base for Injection Molding
39	Metaverse Interaction
40	ElderEase Exosuit
41	Tic-Tac-Co
42	Robotic Dog - Project Buster
43	Solar District Cup

44	Bus Scheduling Mobile Application
45	Car Wash
46	Fischer Backus
47	Separating Methane and Carbon Dioxide from Biogas using PDMS Membranes
48	Graph Your Own Adventure (GYOA)
49	Swarm Robotics
50	Climb Higher
51	Mixed Meta Machine
52	3D-Printed Prosthetic
53	Proposing a New Design for a 3D Printed Hip Implant
54	KEG 1
55	Virtual Twinning to Measure a Circuit and Predict Component Failure
56	Contract Management System
57	Synthesis of Electrochemical Biosensor for Fatigue Analysis via Lactate Detection
58	QuickQuit
59	Unpaper
60	Robotic Swarm Using Artificial Intelligence for Direction Finding and Localization
61	Customer Onboarding Experience
62	Pulse Oximeter Construction
63	Pelletizer
64	Purrfect Health
65	Papermaking - The Corrugated Box
66	Virtual Personal Trainer
67	Formula SAE Powertrain Development
68	IntelliGroups
69	OwlByte Virtual Pet Planner
70	Adsorption Process Using Activated Biomass to Remove Manganese from Potable Water
71	Afton Chemical Clutch
72	Planter/ No Till Drill Project
73	UC Health Emergency Department Optimization
74	Miami University's Chem-E-Car
75	Water Jet
76	Autonomous Vehicles using the Robot Operating System
77	Capstone Management System Team 1
78	Self Driving Car
79	Automated Attendance System
80	Industry Relations CRM
81	Neuro App
82	NES Emulator
83	Reverse Engineering 3D Printer for Tissue Engineering Applications

MME

CPB
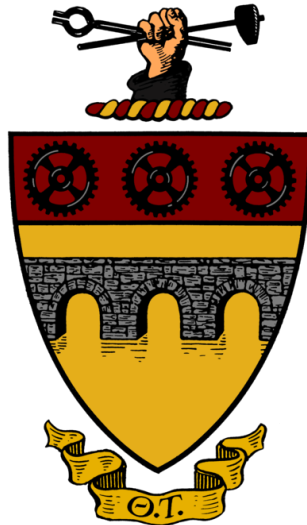
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Thank you to all our seniors and advisors!

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Senior Design Expo 2024

May 9th, 5:00 – 7:00 PM

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