



COMPANY PROFILE



EAGLE ATTECH SDN BHD

Your One Stop Internet of Things Solution

[1463237-X]

<https://www.eagleattech.com/>

R&D & Powered By:



Syarikat Pemula
Startup Company

ABOUT US

SEA-IC – EAGLE ATTECH SDN BHD

*Eagle Attech Sdn Bhd is the continuation of the Sports Engineering & Artificial Intelligence Centre (SEA-IC), which was founded in the year 2018. On **May 19th, 2019**, this centre was formally registered as a research group with the Research Management Centre (RMC) of Universiti Teknologi MARA (UiTM).*

*The main focus of Eagle Attech Sdn Bhd is on the **establishment of IoT-driven device, software & solution in Malaysia**. Most of the IoT software and technology is manufacture from foreign manufacturers outside Malaysia and, it may cost a fortune.*

*Eagle Attech Sdn Bhd aims to fulfil the needs for all industry in Malaysia by **injecting the elements of IoT & Industrial Revolution 4.0 (IR4.0)** in a systematic and comprehensive management manner, driven by people, process and technology. The devices can be utilized in any industrial application such as manufacturing, automotive, construction, agriculture, aquaculture and many more.*



COMPANY DETAILS

COMPANY NAME : EAGLE ATTECH SDN BHD

REGISTRATION NO : 1463237-X

ADDRESS : BLOCK 2 LEVEL 4, ENGINEERING COMPLEX,
UNIVERSITI

TEKNOLOGI MARA 40450, SHAH ALAM SELANGOR
MALAYSIA

PHONE : +6011 6261 2468

EMAIL : easb.official@gmail.com

WEBSITE : <https://www.eagleattech.com/>

BANK : MAYBANK - 5621 0683 7103 (SHAH ALAM)

OUR MISSION

To meet our **clients' IoT needs**, we seek to make the most of our excellent talents as an inexpensive and flexible IoT partner with long-standing experience, a solid supply chain, and recent cutting-edge technology.

OUR VISION

Eagle Attech Sdn Bhd will be Malaysia's top Bumiputera IoT partner, delivering IoT and communication services to businesses across the country.

OUR VALUES

We want to harness the Internet of Things to aid people and spread kindness, especially to those who need it the most. We uphold our beliefs by generating synergy between **Eagle Attech Sdn Bhd**, business partners, and clients on a continual and courageous basis.

BUSINESS NATURE



OUR HISTORY TIMELINE

SEIC → Eagle Attech Sdn Bhd



MAY, 2018

Sports Engineering & Device
Development Centre
(SEDDeC)



MAY, 2019

Sports Engineering & Artificial
Intelligence Centre (SEA-IC)



SEPTEMBER, 2022

Eagle Attech Sdn Bhd
(UiTM IoT Start Up Company)



OCTOBER, 2020

Collaborative Group Internet of
Things UiTM (CG IoT)



MEET THE TEAM



TS. NURUL SYUHADAH KHUSAINI

CHIEF EXECUTIVE OFFICER

Syuhadah studied at Universiti Teknologi MARA from Diploma to Doctorate level, putting UiTM near and dear to her heart. She has a striking track record of impressive strategy on corporate branding and marketing involving a multifaceted approach that combines creativity, innovation and data-driven insights with a clear understanding of the target audience, their needs, wants and pain points, as well as the competitive landscape. She is also responsible for shaping public perception of the company, making a strategic and integrated approach to corporate branding and marketing essential.



QUALIFICATION

PhD – On Going
MSc – 2015
B.Eng (Hons) Mechanical – 2011
Dip. Mech. Eng. - 2007



CAREER HISTORY

KUMON Asia Oceania – 2010
FKM UiTM - 2015



PROJECT INVOLVEMENT

16 Projects (2020 – now)



NURUL SYUHADAH

(Chief Executive Officer)

MEET THE TEAM

ASSOC. PROF. TS. DR ZULKIFLI MOHAMED

CHIEF OPERATING OFFICER

In charge of guiding Eagle Attech's workflow strategy and organization of all essential business processes. His responsibility includes reviewing the efficiency of current business functions, planning changes and updates to day-to-day operations and collaborating with other executive staff to set and meet business objectives.



QUALIFICATION

Dr.Eng. - 2014
M.Eng - 2006
B.Eng (Hons) Mechanical - 2003
Dip. Mech. Eng. - 2000



CAREER HISTORY

Ameraal Beltech Sdn Bhd - 2002
FKM UiTM - 2007



PROJECT INVOLVEMENT

26 Projects (2018 - now)



ZULKIFLI M

(CHIEF OPERATING OFFICER)

MEET THE TEAM

DR MOHD HANIF MOHD RAMLI

CHIEF TECHNICAL OFFICER

Dr Hanif is in charge of monitoring the development and dissemination of technology for external customers, vendors, and other clients in order to help the company improve and grow. He is an expert in developing technological solutions to improve company processes, boost productivity and efficiency, and lower costs for customers, vendors, and internal staff.



HANIF M.R

(CHIEF TECHNOLOGY OFFICER)



QUALIFICATION

PhD – 2017
MSc – 2009
B.Eng. (Hons) Mechanical – 2006



CAREER HISTORY

IAQ Tech. (M) S.B - 2005
TMR Urusharta (M) S.B – 2006
FKM UiTM - 2009



PROJECT INVOLVEMENT

19 Projects (2018 – now)

MEET THE TEAM

DR FAZLIDA MOHD RAZALI

CHIEF FINANCIAL OFFICER

She has been a Chartered Accountant with 9 years of experience helping Public Listed Companies with value added independent assurance and consultations on the effectiveness and efficiency of risk management, internal control and governance.



FAZLIDA

(CHIEF FINANCIAL OFFICER)



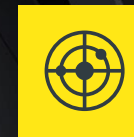
QUALIFICATION

PhD – 2019
Master of Acc. – 2013
Bach.of Accountancy – 2015



CAREER HISTORY

OCBC Bank - 2007
MSU – 2019
Fac. of Accountancy UiTM - 2020



PROJECT INVOLVEMENT

10 Projects (2020 – now)

MEET OUR SUPPORT TEAM

SEA-IC

SEA-IC is our Research & Development Laboratory & Team which is the backbone of Eagle Attech Sdn Bhd



Assoc. Prof. Dr. RAJA Firhad
(Sports Analyst)



NORHELIENA Aziz
(Deep & Machine Learning)



IMRAN Sainan
(Vision System Expert)



SAIFUL BAHARI Shaari
(Control Engineering Expert)

MEET OUR TECHNICAL TEAM

SEA-IC

SEA-IC is our Research & Development Laboratory & Team which is the backbone of Eagle Attech Sdn Bhd



ALIFF Jalaluddin
(Machinist & Fabricator)



HELMI Mustamil
(Designer & Fabricator)



Tc SHAIFUL Amri
(Technical Expert)



Ts AMERAN Saiman
(Safety Officer)

MEET OUR TEAM

SEA-IC

SEA-IC is our Research & Development Laboratory & Team which is the backbone of Eagle Attech Sdn Bhd



AIN
(System Analyst)



SYAFIQ Zulhady
(Programmer)



MUQTADIR AB Wahid
(System Integrator)



HAZIQ Ahmad Yusri
(Programmer)



AMIR Yazid
(3D Designer)



OUR CAPABILITIES

OUR INVOLVEMENT IN IOT PROJECTS



IOT PROJECT FOR AGRICULTURE

IoT in Agriculture – Monitoring Soil & Water Content, Controlling Pump for Fertigation & Irrigation, Control Apps.

IOT IN AGRICULTURE

1. Inst. Pertanian A. Hitam, Johor
2. TKPM IPAHA, Johor
3. TKPM Pagoh, Johor
4. Tmn Pertanian Kong Kong, Johor
5. TKPM Kg Manong, Perak
6. TKPM Kerteh 1 & 2, Terengganu
7. TKPM Inderapura, Pahang
8. TKPM Kg Peradong, Kelantan



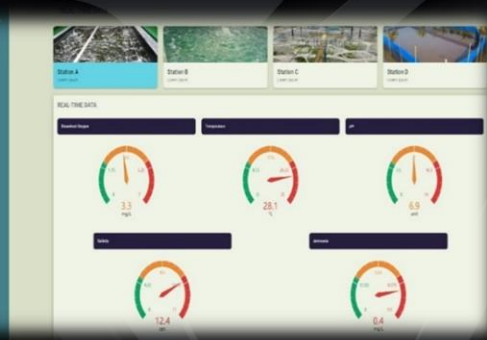
IOT PROJECT FOR AQUACULTURE

IoT in Aquaculture – Monitoring Water Quality, Controlling Motorized Valve via Voice Command & Control Apps.



IOT IN AQUACULTURE

1. Pusat Penetasan Udang Galah, Jabatan Perikanan Malaysia, Kg Aceh, Perak
2. Manjung Aquabest, Kg Segari Lumut, Perak



IOT PROJECT FOR SAFETY & HEALTH

IoT Gas Monitoring System for Bintulu Port Bhd – Monitoring 19 Gaseous at 9 Location in Bintulu Port Area



IOT PROJECT FOR SPORTS

IoT Prototype Product for Sports Application



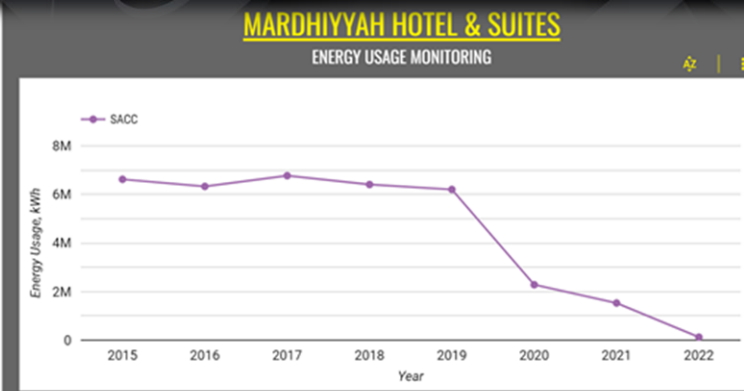
IOT PROJECT FOR ENERGY MONITORING

IoT Monitoring Dashboard for All Building Under MBSA

Healthcare
Mixed use
Banking / Financial Services
Entertainment / Public Assembly
Religious Worship
Lodging / Residential

Collaborations

- UNIVERSITI TEKNOLOGI MABA
- SEA-IC
- SEKOLAH UNIVERSITI TEKNOLOGI MABA



SHAH ALAM LOW CARBON BUILDING PROFILING AND ENERGY MONITORING (SALCBEM)

Current Status of Covid 19
Date: 26, 2022
Number of NEW Covid 19 cases: 1,318
Number of Recovered Covid 19 cases: 4,744

HOME | Majlis Bandaraya Shah Alam (MBSA)

Office
Hotel
Healthcare
Mixed use
Banking / Financial Services
Entertainment / Public Assembly
Religious Worship
Lodging / Residential

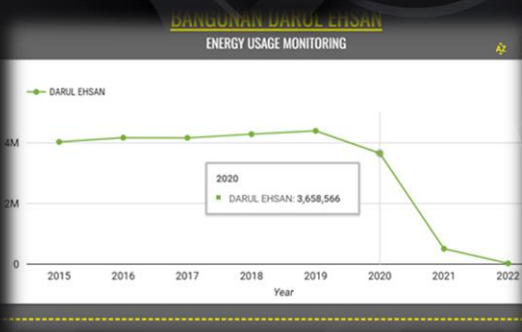
Cumulative KWh in a year for each building

Building Energy Index, BEI (kWh / sq m)

Energy Efficiency Index, EEI (kWh / occupant)

Carbon Emission Intensity, CEI (tCO2 / sq m)

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MBSA (Main)

Energy Consumption (KWh) for selected floor per month

Average Energy consumption (KWh) for each month

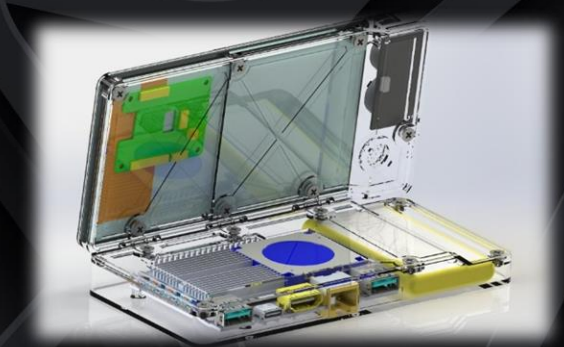
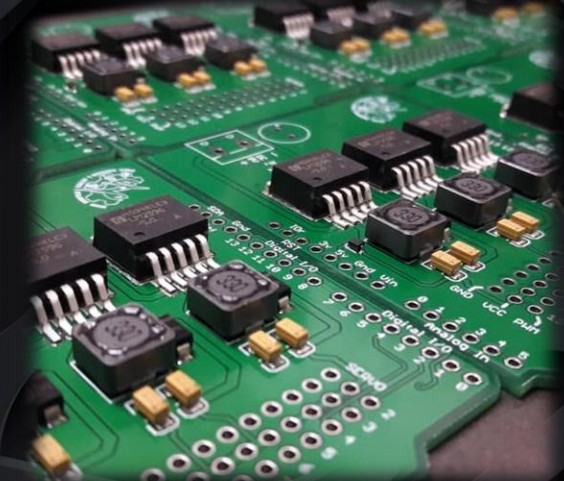
ADMIN ACCESS

Username: _____
Password: _____
Login

SEA-IC | UNIVERSITI TEKNOLOGI MABA | SEKOLAH UNIVERSITI TEKNOLOGI MABA

IOT DEVICE & PROTOTYPING

IoT Protpe Product Development



IOT TRAINING

IoT Training (School, IPTs, Community & Industries)



mySI MOSTI

WEBINAR: E-BENGKEL PENGGUNAAN KIT IOT UNTUK TERNAKAN UDANG GALAH

Peserta: Belia B40,
Perak Tengah

22 SEPTEMBER 2021
10 AM - 12 PM

Pautan: Google Meet

Penceramah
Prof. Madya Dr. Zulkifli Mohamad
Kolej Kejuruteraan, UTM

Moderator
Profesor Ts. Dr. Rugayah Hashim
Ketua Projek

Penganjuran geran MySI 20033 MOSTI



FACILITIES

OUR LAB FACILITIES FOR RESEARCH & DEVELOPMENT





RESEARCH & DEVELOPMENT FACILITIES

★★★★★
5 STARS SERVICE



OUR PRODUCT & SERVICES

Custom-made and Affordable

IOT AGRICULTURE BASIC SET	IOT AQUACULTURE SET	E.A SAGA IOT GATEWAY	IOT TRAINING
STARTING PRICE	STARTING PRICE	STARTING PRICE	STARTING PRICE
MYR 20,000	MYR 30,000	MYR 5,000	MYR 500

Best



TRACK RECORD

OUR LIST OF CONSULTATION



OUR TRACK RECORD

List of **Consultation Projects** Since 2018



OUR TRACK RECORD

List of **Consultation Projects** Since 2018

NO	RESEARCH PROJECT	SOURCE	TOTAL FUNDS	BEGIN YEAR
1	Humanoid Robot Project: ADAM	Robopreneur Sdn Bhd	30,000	March – Dec 2018
2	Lab Equipment Commissioning & Training for KKTM Lenggong, Perak	SciEdge Sdn Bhd	2,000	Jul-18
3	Lab Equipment Installation, for KKTM Lenggong, Perak	SciEdge Sdn Bhd	1,000	Jul-18
4	Lab Equipment Installation, for KKTM Lenggong, Perak	SciEdge Sdn Bhd	1,000	Jul-18
5	Design of 6 & Multiple Perforated Holes for Face Shield Project	GAIA Plas Sdn Bhd	6,000	Jun-20
6	Innovation Project on Development of Customize 3D Printed Product (Phase 2)	AA 3D Printing & Design	2,000	Jul-20
7	Innovation Project on Development of Customize 3D Printed Product (Phase 1)	AA 3D Printing & Design	2,000	Jul-20
8	IoT Hands on Training for Kolej Vokasional, Kuala Lumpur	One Nation Resources	32,000	Sep-20
9	IoT Hands on Training for Agriculture Application, Kuala Lumpur	One Nation Resources	4,100	Sep-20
10	TVET IoT Training of Trainers for Industrial Application, Kuala Lumpur	SIRIM Bhd	36,000	Feb-20

OUR TRACK RECORD

List of **Consultation Projects** Since 2018

NO	RESEARCH PROJECT	SOURCE	TOTAL FUNDS	BEGIN YEAR
11	Flood Monitoring & Warning System via IoT for Jinjang Fire Station	Jinjang Fire & Rescue Station	3,000	Jan-20
12	Technical Advisor for Vibration Assessment at Arkema THIOCHEMICALS Sdn. Bhd.	Intekma Sdn Bhd	7,000	July-20
13	Vibration and Thermoacoustic Measurement and Assessment for SRU Unit - MRC SB Plant, Melaka	Intekma Sdn Bhd	5,000	March-20
14	IoT for PPUG Jabatan Perikanan Malaysia (Phase 1)	MH DELIMA	168,000	Oct-20
15	IoT Gas Monitoring System for Bintulu Port	Bintulu Port Berhad	250,800	Oct-20
16	Vibration Assessment and Analysis At K-4102AB, Melaka	Intekma Sdn Bhd	7,000	Jan-21
17	Internet of Things (IoT) For Agriculture Industries	One Nation Resources	3,000	May-21
18	Smart Portable Young Imam Device Project	Aligen Enterprise	50,000	May-21
19	Sample Tracking & Database System Via IoT Approach for NIOSH	MH Delima Sdn Bhd	3,000	May-21
20	IoT Base Agriculture System for Institut Pertanian Ayer Hitam	MH Delima Sdn Bhd	5,000	Sept-21

OUR TRACK RECORD

List of **Consultation Projects** Since 2018

NO	RESEARCH PROJECT	SOURCE	TOTAL FUNDS	BEGIN YEAR
21	IoT Base Agriculture System for TKPM Pagoh	MH Delima Sdn Bhd	5,000	Sept-21
22	IoT Base Agriculture System for TKPM Kg Manong Perak	MH Delima Sdn Bhd	3,000	Sept-21
23	IoT Base Agriculture System for Jabatan Pertanian Putrajaya	MH Delima Sdn Bhd	7,000	Sept-21
24	IoT Base Agriculture System for Pusat Penetasan Udang Galah (Phase 2)	MH Delima Sdn Bhd	150,000	Sept-21
25	EV Charger System	MV Advantech Sdn Bhd	37,000	Apr-22
26	Airship Drone For Advertising	Kanda Technology	3,000	Sept-21
27	Operational Modal Analysis and Engineering Study for a Viscodampers Installation at RGTSU, Melaka	Intekma Engineering	5,000	Sept-21
28	Training Program For Asset Reliability & Integrity (CBM&NDT)	TNB	5,000	Nov-21
29	Vibration measurement and analysis at K- 4102AB for the Delima project MRCSB Melaka	Intekma Engineering	5,000	Nov-21
30	INTEKMA SDN. BHD and Faculty of Civil Engineering UiTM to perform Operational Modal Analysis at Jambatan Sungai Raja Perak	Intekma Engineering	5,000	Dec-21

OUR TRACK RECORD

List of **Consultation Projects** Since 2018

NO	RESEARCH PROJECT	SOURCE	TOTAL FUNDS	BEGIN YEAR
31	PETRONAS verification and validation test on GERB Viscodamper [®]	Intekma Engineering	5,000	2020
32	Engineering work on GERB Viscodamper [®] at ARKEMA Sdn. Bhd.	Intekma Engineering	5,000	2020
33	Training Module for Piping and Structural Vibration at Petronas OPU Malaysia	Intekma Engineering	5,000	2020
34	Installation of AVT Easy-Brace [®] at various PETRONAS plant locations, including Pengerang Cogeneration Plant (PCP) and RGTSU Melaka	Intekma Engineering	5,000	2019
35	Vibration Assessment, Monitoring, and Measurement of Project at C4 INA Plant RAPID Complex Pengerang Johor	Intekma Engineering	5,000	2020
36	Vibration and Thermoacoustic Measurement and Assessment for SRU UNIT at Malaysian Refining Company Sdn Bhd (MRC SB) Plant, MELAKA	Intekma Engineering	5,000	2020
37	Vibration and Stress Analysis at Malaysian Refining Company Sdn. Bhd. (MRC SB), Melaka	Intekma Engineering	5,000	2019
38	Technical Expert for High Vibration Issues at PETRONAS Regasification Terminal in Sungai Udang (RGTSU) Melaka	Intekma Engineering	5,000	2019
39	Associate Consultant for Screening Equipment Facility and Piping Vibration Study at ABF Plant Bintulu Sarawak.	Intekma Engineering	5,000	2019
40	Flow-Induced Vibration (FIV) Study at Petronas Gas Berhad (Utilities) Kerteh, Terengganu	Intekma Engineering	5,000	2018

OUR TRACK RECORD

List of **Consultation Projects** Since 2018

NO	RESEARCH PROJECT	SOURCE	TOTAL FUNDS	BEGIN YEAR
41	Technical Expert to advise for High Vibration Issues on K-7000 Low-Pressure Screw Compressor (LPSC) at SKO Petronas Carigali Miri, Sarawak	Intekma Engineering	5,000	2018
42	IoT for Pusat Penetasan Udang Galah (Phase 3)	MH Delima	145,000	2022
43	Internet of Things Training for Agriculture Industries	One Nation Resources	4,000	2022

OUR TRACK RECORD

List of **Grant Received** Since 2018

NO	RESEARCH PROJECT	SOURCE	TOTAL FUNDS	BEGIN YEAR
1	Establishment of A New Upper Limb Humanoid Robot System for Increasing Elderly People Life Quality	BESTARI	25,000	2018
2	Creality CR-10 3D Printer	Maker Shop Bayan Lepas Pulau Pinang	3,400	2018
3	Development of Examination Hall Assistive Robot (EHAR): Phase 1 – Phase 2	GEV Integrated (M) Sdn Bhd	1,000	2018
4	A Gravitational Search Algorithm Based Active Force Controller for a Rehabilitation Lower Limb Exoskeleton	BESTARI	35,000	Jan-18
5	Stress Performance Analysis using Insole System for Football Player	GIP Grant	20,000	2019
6	IoT Based Smart Aquaculture Monitoring & Control System for Manjung Aquabest Hatchery	Koperasi Desa Hujung Rintis Lumut Perak	6,000	Dec-2019
7	Remote Monitoring Unit for IoT Application	MH Delima Sdn Bhd	17,500	Dec-2019
8	Developing new version of engineered cementitious composite towards integrated structural and materials design	REI	32,000	2018
9	Magnetic Based Hybrid Electricity Generator System for Rural Application	LESTARI SDG	20,000	2019
10	Development of Pico Hydroelectric System with Smart Energy Storage for Domestic Use	LESTARI SDG	20,000	Dec-19
11	Formulation of an integrated numerical and soft-computing framework model for the prediction of vibration induced by railway operation in Malaysia	FRGS-RACER	51,200	2019
12	Smart IoT Aquaculture Monitoring & Control System (SAMS-MKII) for Broodstock Production of Giant Freshwater Prawn in a Hatchery	MySI, MOSTI	149,750	2020

OUR TRACK RECORD

List of **Grant Received** Since 2018

NO	RESEARCH PROJECT	SOURCE	TOTAL FUNDS	BEGIN YEAR
13	Micro Industry Hub (MTCE FKM)	MTC - MIH	150,000	2021
14	Micro Industry Hub (ACM EV FKM)	ACM-EV - MIH	304,000	2021
15	A Kinetic Mechanism Based on Lens Law Concept of Hybrid Generator	GPK	20,000	2021
16	Shah Alam Towards Smart City: Centralized Energy Monitoring System for Sustainable Low Carbon Planning of Majlis Bandaraya Shah Alam (MBSA)	SRP-MBSA	50,000	2021
17	Development and Validation of Internet of Things (IoT) Based Insole Monitoring System For Soccer Players (ISNAPP-005-2020)	Institut Sukan Negara (ISN)	128,000	2021
18	Optimization of Mechanical Infrastructure Operations For Flood Management Via Multi-Objective Evolutionary Algorithm	Wasserwelt Industries Sdn Bhd	90,000	2021
19	Development Of Smart Chili Farm Monitoring & Control System Via Internet of Things (IoT) Approach	MH Delima Sdn Bhd	15,000	2021
20	Development Of Android & iOS Apps for Nex-Plex Internet of Things System	MH Delima Sdn Bhd	15,000	2021
21	The Effect of Hydraulic Jump Phenomenon at Takungan Banjir Sri Rampai for Flood Mitigation System in Kampung Baru Kuala Lumpur	GIP	21,600	2021
22	Exxotest Simulator System	MH Delima Sdn Bhd	550,000	2022
23	Development of Traffic Offence Detection System	Eventures Technologies Sdn Bhd	17,500	2022
24	Development of Smart Asset Management System	MH Delima Sdn Bhd	15,500	2022

OUR TRACK RECORD

List of **Grant Received** Since 2018

NO	RESEARCH PROJECT	SOURCE	TOTAL FUNDS	BEGIN YEAR
25	The Organology of Traditional Malay Rebab: Sonic Identification Through Numerical Simulation on Vibro- Acoustics	Industrial Grant	20,000	2018
26	Formulation of an integrated numerical and soft-computing framework model for the prediction of vibration induced by railway operation in Malaysia	RACER Grant	51,200	2019
27	Biodynamics Modeling of Human Lower Limbs Implanted with Knee Prosthesis	GPK	20,000	2020
28	Hydrogen Fuel Cell Power System (H2FC)	Geran Konsortium	110,000	2021
29	Development of A Modular Remote Monitoring System for Agricultural Applications in Indoor Cultivation of Freshwater Prawn	GIP	20,000	2021
30	Enhancement of UiTM's wireless electromyography transmitter (WEMGT) system	Strategic Research Partnership Grants	20,000	2020
31	Verification and efficacy evaluation of the proposed system architecture of centralized building energy monitoring system (Project 1)	Strategic Research Partnership Grants	50,000	2020
32	Enhancement of a novel local Anesthesia simulator kit (lask) in performing inferior alveolar nerve block (IANB)	PRGS	115,000	2019
33	Prototype development of wireless transmission system for surface electromyography (SEMG)	SINERGI	30,000	2018
34	Development and design of a novel pre-clinical training prototype as a teaching aid for oral anatomy and administration of inferior alveolar nerve block (IANB)	MITRA	69,000	2018
35	Development of Kanban system for chemical inventory management	BESTARI	35,000	2018
36	Assessing Whistleblowing Intention in Organizations: Malaysia and India Evidence	UiTM	20,000	2021

OUR TRACK RECORD

List of **Grant Received** Since 2018

NO	RESEARCH PROJECT	SOURCE	TOTAL FUNDS	BEGIN YEAR
37	The Role of Digital Technologies and Internal Control Systems on Sme's Sustainability Performance During the Covid-19 Pandemic	UiTM	25,200	2021
38	Graduates Employability Post COVID 19: An Indicator of Higher Learning Institution's Visibility in the Era of Digital Economy	UiTM	8,000	2020
39	The Use of Artificial Neural Network in The Audit of Fraudulent Financial Reporting by Auditors	UiTM	10,000	2020
40	Strengthening Information Security Management, Human Capital Capabilities and Technology Enhancement Towards Business Excellent: New Strategy for Post-COVID 19 Era	UiTM	10,000	2020
41	The Effect of Individual and Environmental Factors on Internal Auditor's Risk Judgement Performance	ARI	8,000	2019
42	The Moderating Effect of Illicit Financial Flows on The Impact of Quality Of Governance On Economic Growth of ASEAN Countries	ARI	15,000	2019
43	Risk Appetite, Financial Literacy and Effort on Fintech Adoption	ARI	8,000	2019
44	The Impact of Robo-Advisor Technology on The Investment Patterns of Millennials	ARI	8,000	2019
45	Supervision Initiative Grant	GIP	25,000	2018

OUR PARTNER & CLIENT





OUR PARTNER & CLIENT



SERI SEBUY U
OILFIELD



TURBOWOLF
DEVELOP · ENHANCE · SUSTAIN

WASSERWELT



CHAdeMO



POLITEKNIK MALAYSIA
SULTAN AZLAN SHAH



JABATAN PENGAIRAN DAN SALIRAN MALAYSIA



Hujung Rintis

TELTONIKA



JABATAN PERTANIAN



FELDA



BITCOM
BRINGING IDEAS TO LIFE



BINTULU PORT HOLDINGS BERHAD



MH DELIMA SDN BHD
One Stop Solution for Educational Sector



EASB

INDUSTRIAL PROJECT



UNIVERSITI
TEKNOLOGI
MARA

Kolej
Pengajian Kejuruteraan

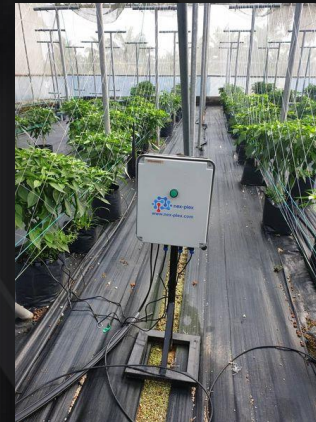


UNIVERSITI
TEKNOLOGI
MARA

Syarikat Pemula
Startup Company

AGRICULTURE IOT SYSTEM

MH DELIMA SDN BHD - JABATAN PERTANIAN NEGERI JOHOR & MALAYSIA



- Project Duration : 3 months (Aug-Oct 2021)
- Location:
 - Institut Pertanian Ayer Hitam, Johor
 - TKPM Ayer Hitam Ayer Hitam, Johor
 - TKPM Pagoh, Johor
 - Kg Manong, Perak
 - Peradong, Kelantan (2)
 - Kerteh, Terengganu (2)
 - Kuantan, Pahang
- Type of Crops: Rock Melon, Cucumber * Chili
- Scope of Work: Installation, Testing, Commissioning, Monitoring & Control of Nex-Plex System & Dedicated Android Apps

SMART GASEOUS MONITORING & WARNING SYSTEM VIA IOT : BINTULU PORT BHD



- **Project:** IoT Gaseous Monitoring System for Bintulu Port Berhad
- **Project Duration :** 8 months (2020 - 2021)
- **Location:** Bintulu, Sarawak
- **Type of Monitoring:** 4 Docking Jetty, 5 LNG Station & Weather Station – 20 sensors
- **Scope of Work:** Installation, Testing, Commissioning, Monitoring & Control of Nex-Plex System & Dedicated Android Apps



SMART GASEOUS MONITORING & WARNING SYSTEM VIA IOT : BINTULU PORT BHD



Dashboard screenshot for BINTULU PORT showing an overview of 5 stations, 5 online devices, and 0 warnings. The data section includes tables for Petrochemical Jetty, Ammonia Wharf Jetty, OBB Jetty, and D/S Yard.

OVERVIEW

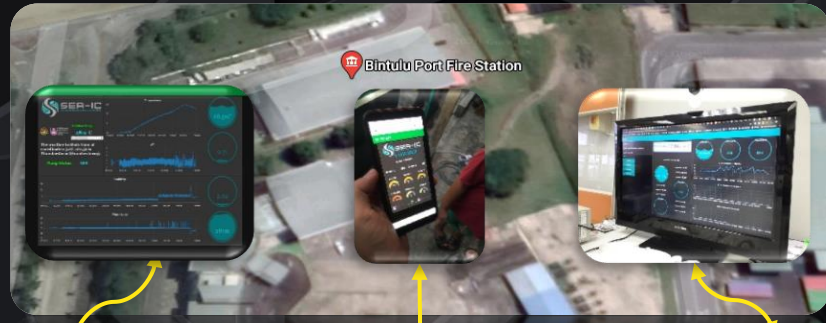
- Stations: 5
- Online: 5
- Warnings: 0

Data

Petrochemical Jetty			Ammonia Wharf Jetty			OBB Jetty		
O2	LEL	VOC	O2	LEL	NH3	O2	LEL	VOC
20.93	0	2.79	0	0	0	20.95	1.1	2.22
%	%	%	%	%	%	%	%	%

D/S Yard						
O2	LEL	VOC	NH3	CL2	H2S	
20.93	1.12	0.13	0	0	0	
%	%	%	%	%	%	

USER LAYER



HOD/OWNER/SUPERVISOR

CLOUD LAYER



** NH₃, O₂, CL₂, H₂S, LEL VOC Data **
** System Status ** Warning Status **

IOT LAYER



** NH₃ Sensor ** O₂ Sensor **
** CL₂ Sensor ** H₂S Sensor **
** LEL Sensor ** VOC Sensor **
** Wind Speed & Direction **
** Humidity, Temp & Pressure **

PROCESS LAYER



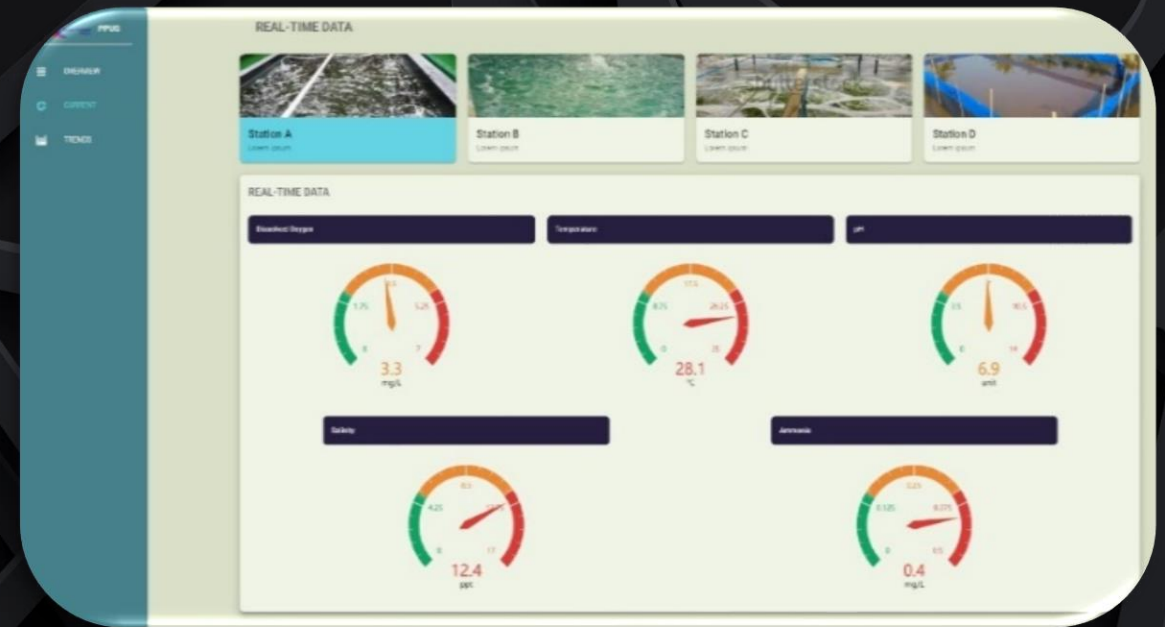
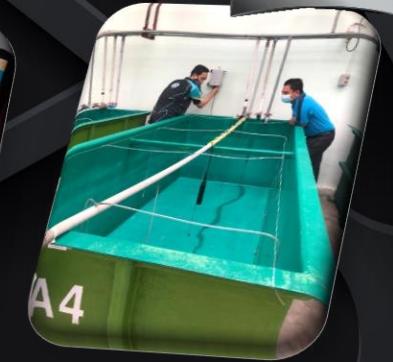
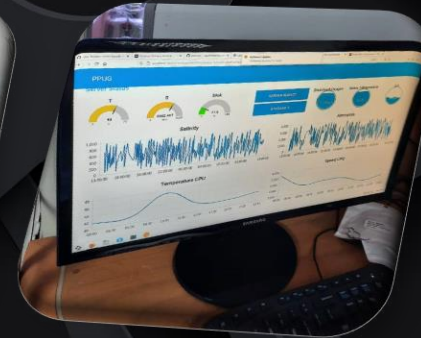


SMART GASEOUS MONITORING & WARNING SYSTEM VIA IOT : BINTULU PORT BHD

AQUACULTURE IOT SYSTEM

PUSAT PENETASAN UDANG GALAH

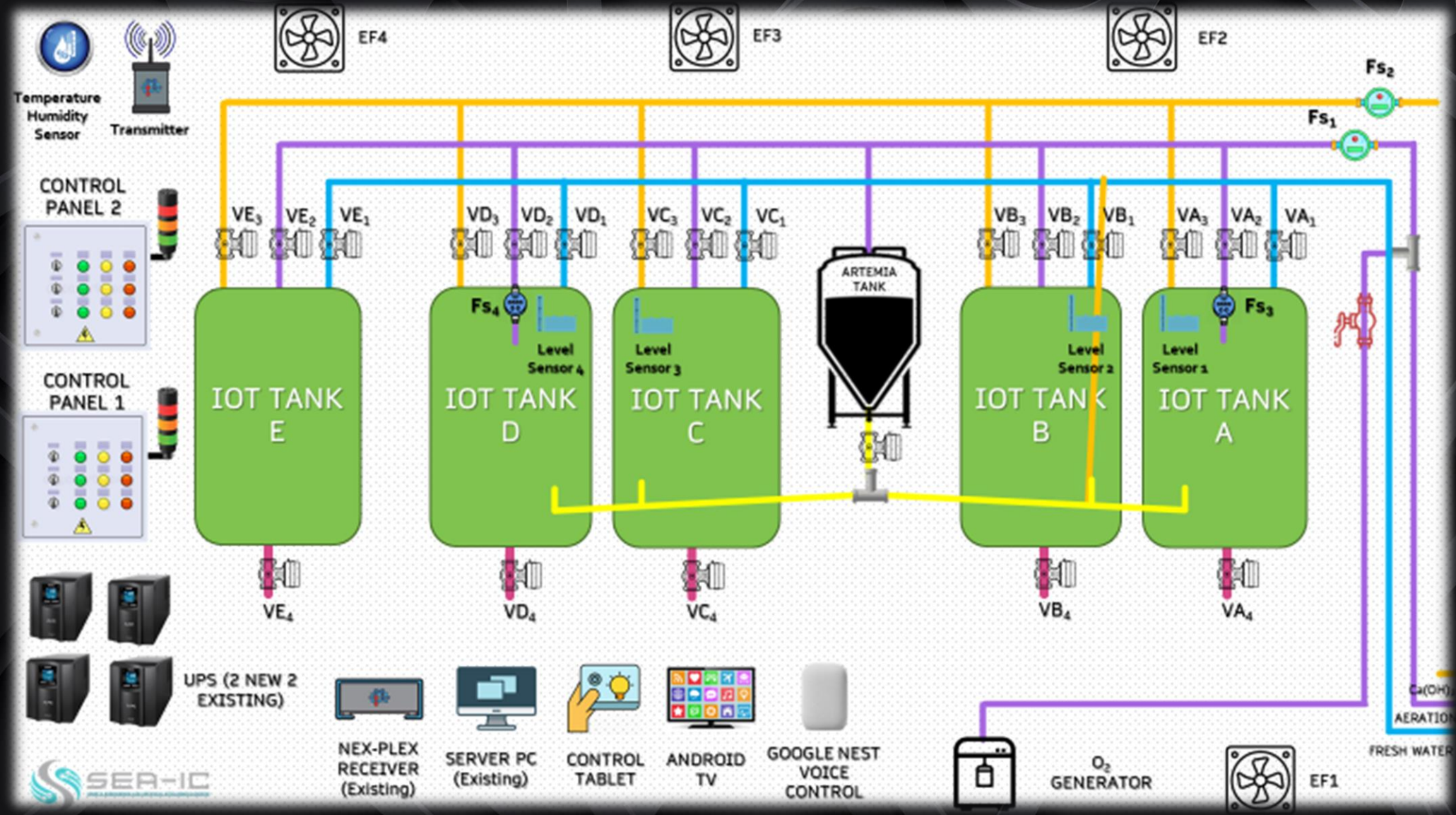
- **Project:** Intelligent *Macrobrachium Rosenbergii* Nursery System via IoT
- **Project Duration :**
 - 4 months (2020) – Phase 1 (Monitoring)
 - 4 months (2021) – Phase 2 (Control)
 - 4 month (2022) – Phase 3 (Intelligent)
- **Location:** PPUG, Kg Aceh Lumut Perak
- **Type of Monitoring:** 5 type of sensor (Ph, Dissolve O₂, Salinity, Temp, Ammonia) for 4 Container (Phase 1). Controlling 20 valve via Voice Control (Phase 2). Intelligent System with submersible camera (Phase 3)
- **Scope of Work:** Installation, Testing, Commissioning, Monitoring & Control of Nex-Plex System & Dedicated Android Apps



AQUACULTURE IOT SYSTEM



PUSAT PENETASAN UDANG GALAH (FASA 2)



AQUACULTURE IOT SYSTEM

PUSAT PENETASAN UDANG GALAH (FASA 2)



AQUACULTURE IOT SYSTEM

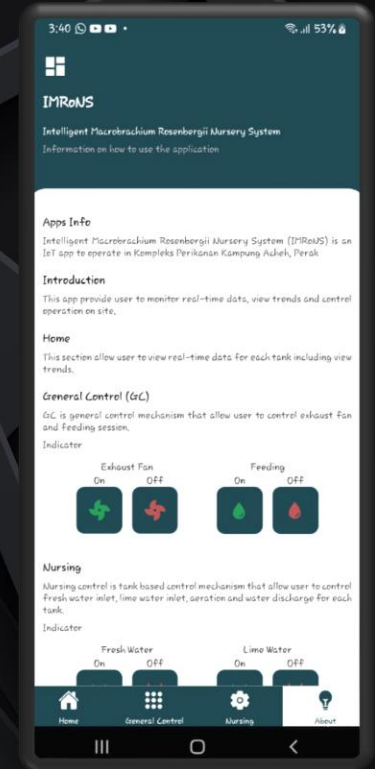
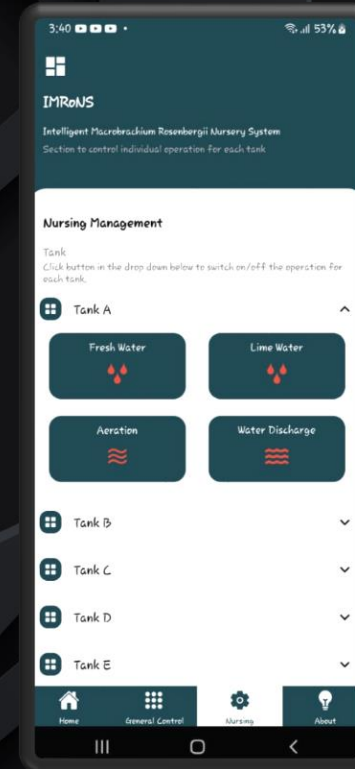
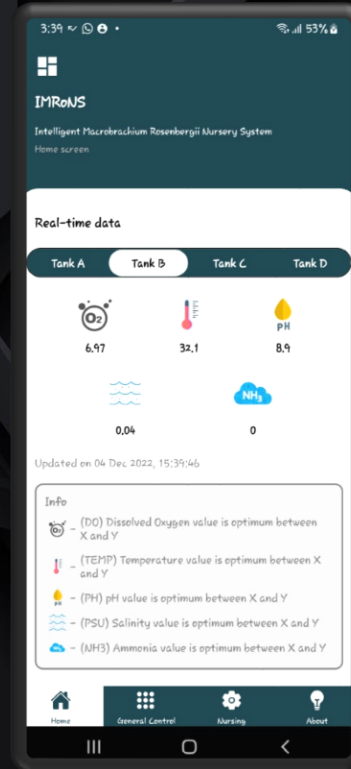
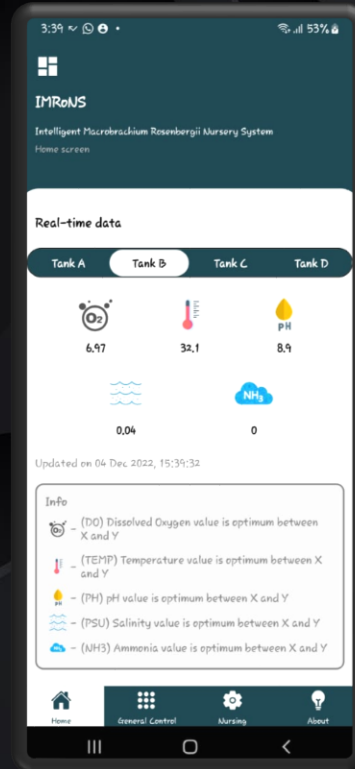
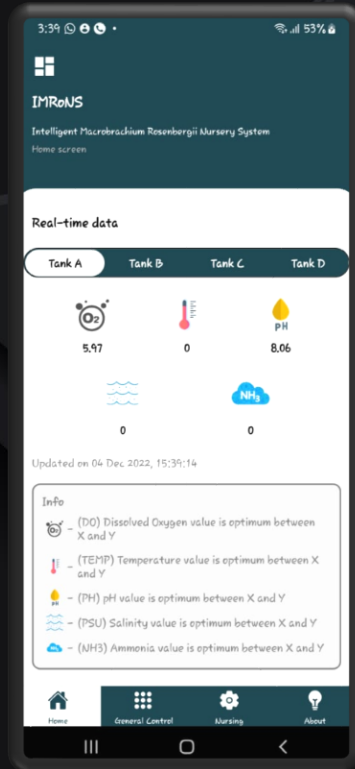
PUSAT PENETASAN UDANG GALAH (FASA 3)



AQUACULTURE IOT SYSTEM



PUSAT PENETASAN UDANG GALAH (APPS)



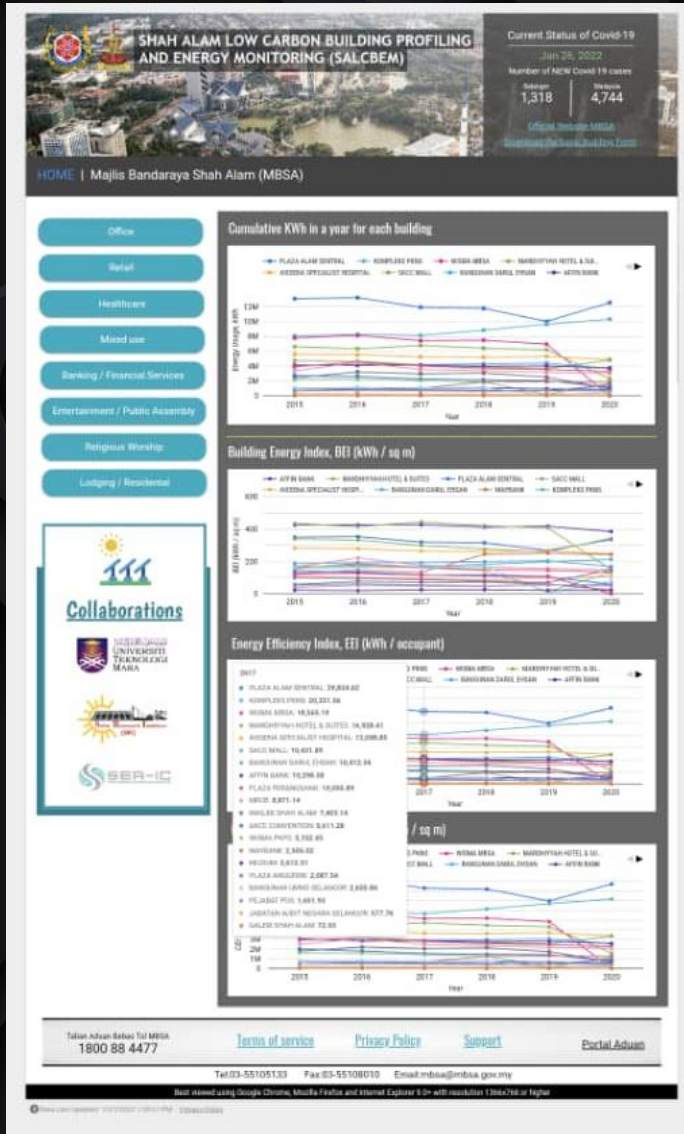
AQUACULTURE IOT SYSTEM

MANJUNG AQUABEST & HUJUNG RINTIS

- **Project:** IoT based Udang Galah Water Quality Monitoring System
- **Project Duration :** 12 months (2020 - 2022)
- **Location:** Manjung Aquabest, Kg Segari, Lumut Perak
- **Type of Monitoring:** 5 type of sensor (Ph, Dissolve O2, Salinity, Temp, Ammonia) for 4 Container (Phase 1).
- **Scope of Work:** Installation, Testing, Commissioning, Monitoring & Control of Nex-Plex System & Dedicated Android Apps

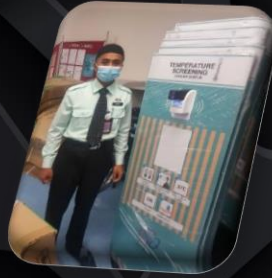


BUILDING ENERGY MONITORING SYSTEM VIA IOT : MAJLIS BANDARAYA SHAH ALAM



- **Project:** IoT Building Energy Monitoring System for MBSA
- **Project Duration :** 4 months (2020 -2021)
- **Location:** Majlis Bandaraya Shah Alam, Selangor
- **Type of Monitoring:** Energy usage, power consumption, temperature and humidity
- **Scope of Work:** Installation, Testing, Commissioning, Monitoring & Control of Nex-Plex System

THERMAL ANALYZER PORTABLE INFRA-RED (TAPIR) B&M ASSET MANAGEMENT



S.M.K SRI ANDALAS

3D PRINT - RESIN 3D PRINT - MOULD

EXPANSION IOT COUNTER UNIT & GATE SYSTEM

MASJID NUR ISLAM PUCHONG, KELAB GOLF SERI SELANGOR & HOSPITAL UiTM

IN COLLABORATION WITH B&M ASSET MANAGEMENT

It took 6 months to develop an establish customize temperature scanner and as per today, it has been purchased by:

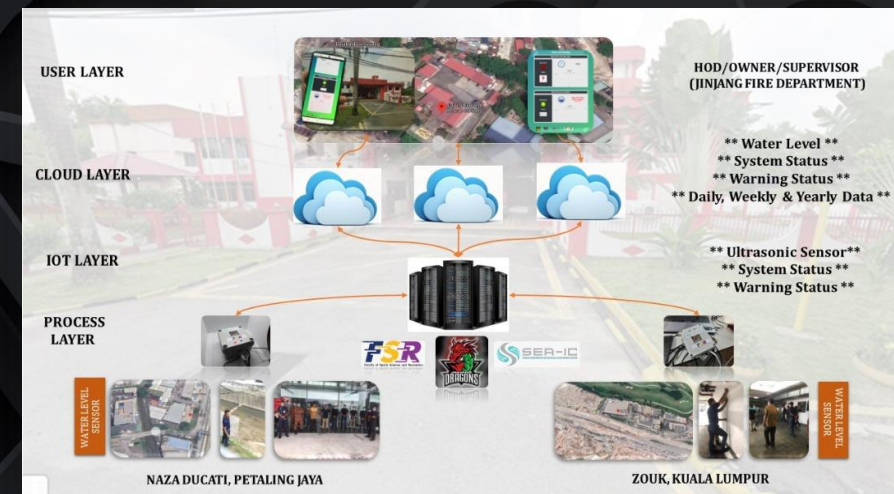
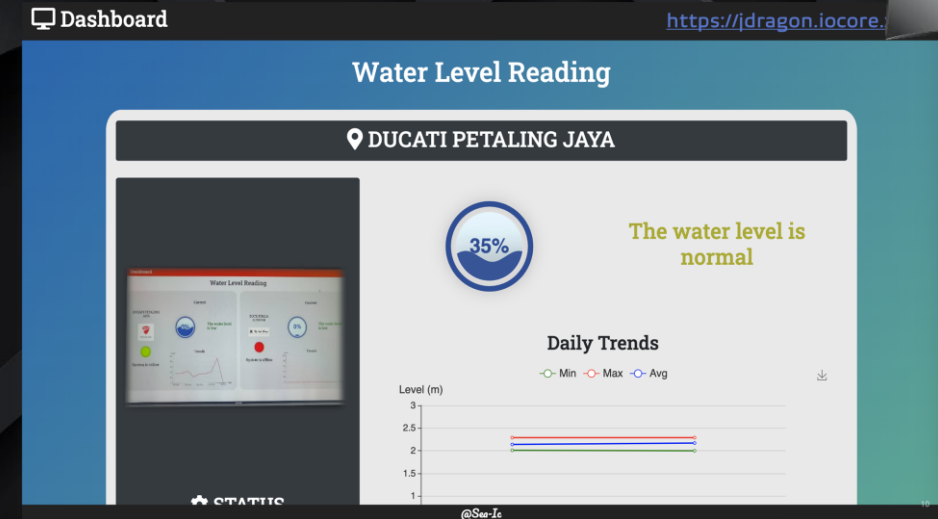
- Hospital UiTM - 10 units
- Hospital Shah Alam - 16 units
- SMK Sri Andalas - 2 units
- Masjid Nur Islam - 2 units
- Harta Prima - 2 units



IOT FLOOD MONITORING SYSTEM

JINJANG F.D - DUCATI & TRX

- **Project:** Flood Monitoring System for Balai Bomba & Penyelamat, Jinjang
- **Project Duration :** 6 months (2020)
- **Location:** Ducati, Petaling Jaya & Tempat Letak Kereta, Tun Razak Exchange.
- **Type of Monitoring:** Water level monitoring and warning system via IoT directly to Jinjang FD HQ
- **Scope of Work:** Installation, Testing, Commissioning, Monitoring & Control of Nex-Plex System



SMART GAS ANALYZER : SRI HARTAMAS F.D



- **Project:** Smart Gas Analyzer via IoT Approach
- **Project Duration :** 6 months (2020)
- **Location:** Sri Hartamas
- **Type of Monitoring:** Hazardous Gas detection monitoring and warning system via IoT mounted to AGV
- **Scope of Work:** Design, Installation, Testing, Commissioning, Monitoring & Control of Nex-Plex System

SPORTS IOT SYSTEM WITH ISN



USER LAYER



Coaches /Performance Analyst/Physiotherapist/ Nutritionist

CLOUD LAYER



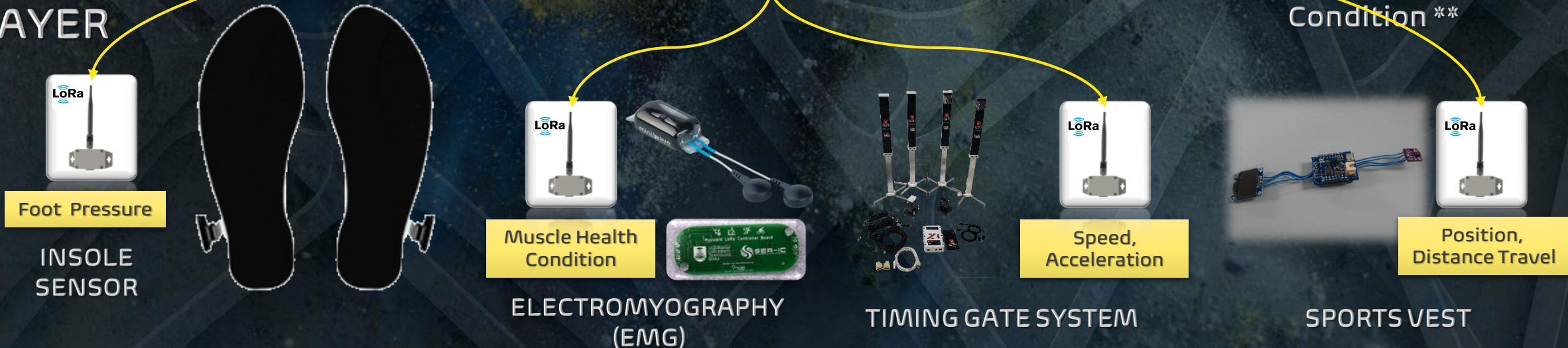
** Maximum Stress Alert **
** Stability Alert ** Posture Alert **
** Acceleration ** Speed **
** Distance Travel ** Heart Rate**
**** All Data will be Stored in Cloud System ****

IOT LAYER



** GPS Tracker ** Heart Rate**
** Foot Stress ** Acceleration
** Speed ** Distance ** Muscle Condition **

PROCESS LAYER





SPORTS IOT SYSTEM FOR ISN



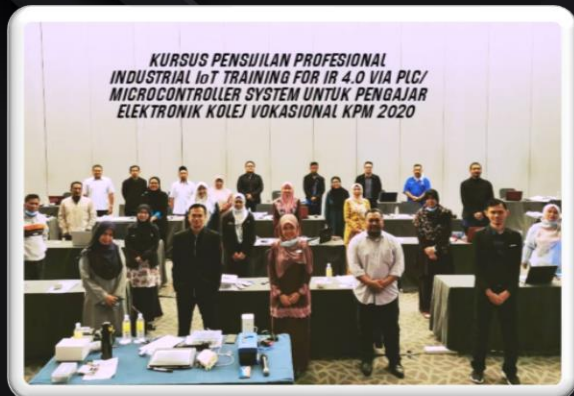
SMART PORTABLE YOUNG IMAM DEVICE (SPY-ID): ALIGEN ENT



- **Project:** Development of Young Imam Portable Devices
- **Project Duration :** 10 months (2021-2022)
- **Location:** Shah Alam, Selangor
- **Type of Monitoring:** Smart Raka'at counter system
- **Scope of Work:** Design, Installation, Testing, Commissioning, Monitoring & Control of SPY-ID



IOT TRAINING: ONE NATION RESOURCES



- **Project:** Series of Internet of Things Training (Introduction – Expert Level)
- **Project Duration :** Since 2020 - Present
- **Location / Client:** IPT, IPTA, Industries
- **Scope of Work:** Providing IoT training for IPTs and Industries. SEA-IC had been appointed as **training consultant on IoT**, Electronic, Mechanical, Agriculture and 3D Printing Training for Malaysian Kolej Vokasional's Lecturer.
- **Objectives:** To provide **re-skill and up-skill module** for all Kolej Vokasional Lecturer all over Malaysia.

SMART ASSET MANAGEMENT IOT SYSTEM: EAGLE ATTECH SDN BHD



APPLICATIONS	PRODUCT DESCRIPTION	
<p>► Emergency help for lone workers</p> <ul style="list-style-type: none"> • Employees able to perform a task in periods without direct/close supervision in isolation. • Able to assist in the event of an accident. • Keep an eye on things, communicate, and get alerted right away. <p>► For domestic violence prevention</p> <ul style="list-style-type: none"> • Keep an eye on convicted violent offenders around the-clock • Can immediately alert police if an offender enters a zone close to their victim. <p>► Geofence</p> <ul style="list-style-type: none"> • User and the provider get notifications when person enters or exits marked boundaries. • Location area restriction can be set. • Real time movement data with detailed reports and history. 	<p>► An autonomous personal tracker with GNSS, GSM, and Bluetooth connectivity is the asset Tracker. Our miniature tracker is intended to keep an eye on people, animals, and vehicles. To ensure security and control, it can also be used for employee control, security personnel at sporting events, and other use cases.</p>	<div data-bbox="484 564 879 606" style="background-color: yellow; text-align: center; font-weight: bold;">PRODUCT DETAILS</div> <p>► Hardware Specifications</p> <ul style="list-style-type: none"> • GSM/GPRS/GNSS/Bluetooth 4.0+LE • Quad-band GSM 850/900/1800/1900 MHz <p>► Hardware Features</p> <ul style="list-style-type: none"> • Built in movement sensor • Internal high gain GNSS antenna • Internal high gain GMS antenna • Accelerometer • 4 Pin magnetic USB cable <div data-bbox="879 521 1268 1183" style="text-align: center;">   <p>ASSET TRACKER</p> <p>MOBILITY TRACKER</p> </div>
<p>Low power sensors and BLE Beacon support for various use cases</p> <p>IP67 water and dust resistant</p> <p>Easy to reach alarm button, instant messaging in case of emergency</p>	<p>WEB FOTA - Manage and update your devices in a web-based portal</p> <p>Real time monitoring of current location</p> <p>800mAh Li-Ion rechargeable 3.8 battery Up to 3-days battery Life</p>	<p>https://www.eagleattech.com/</p> <p>https://www.facebook.com/SEAICFKMUITM/</p>

- **Project:** Smart human tracker & asset management system
- **Project Duration :** 6 months (2022)
- **Location:** Shah Alam
- **Type of Monitoring:** Human location, asset location, utilization of asset & distance covered
- **Scope of Work:** Design, Installation, Testing, Commissioning, Monitoring & Control of SEA-IC Tracker



CUSTOM HOCKEY HELMET FOR MALAYSIA NATIONAL TEAM

- **Project:** Custom Hockey Helmet for Malaysia National Team
- **Project Duration :** 12 months (2021 - 2022)
- **Location:** Shah Alam, Selangor
- **Scope of Work:** Design, Development, 3D Scanning, 3D Printing, Custom Prototyping





CUSTOMIZE FACE MASK FOR PJ CITY FC

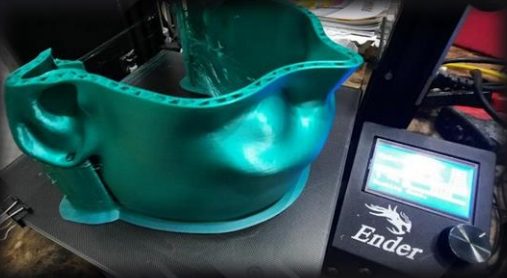
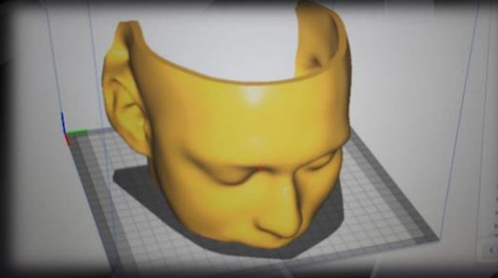
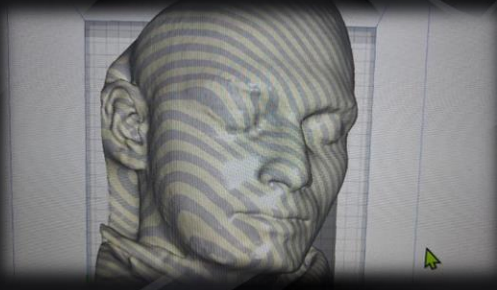


- Face Injury During Super League Match Between PJ City FC VS UiTM FC
- Duration : 2 Weeks
- 3D Scanning
- 3D Printing
- Custom Carbon Fibre Mask





SLICING, SIMULATE & 3D PRINTING



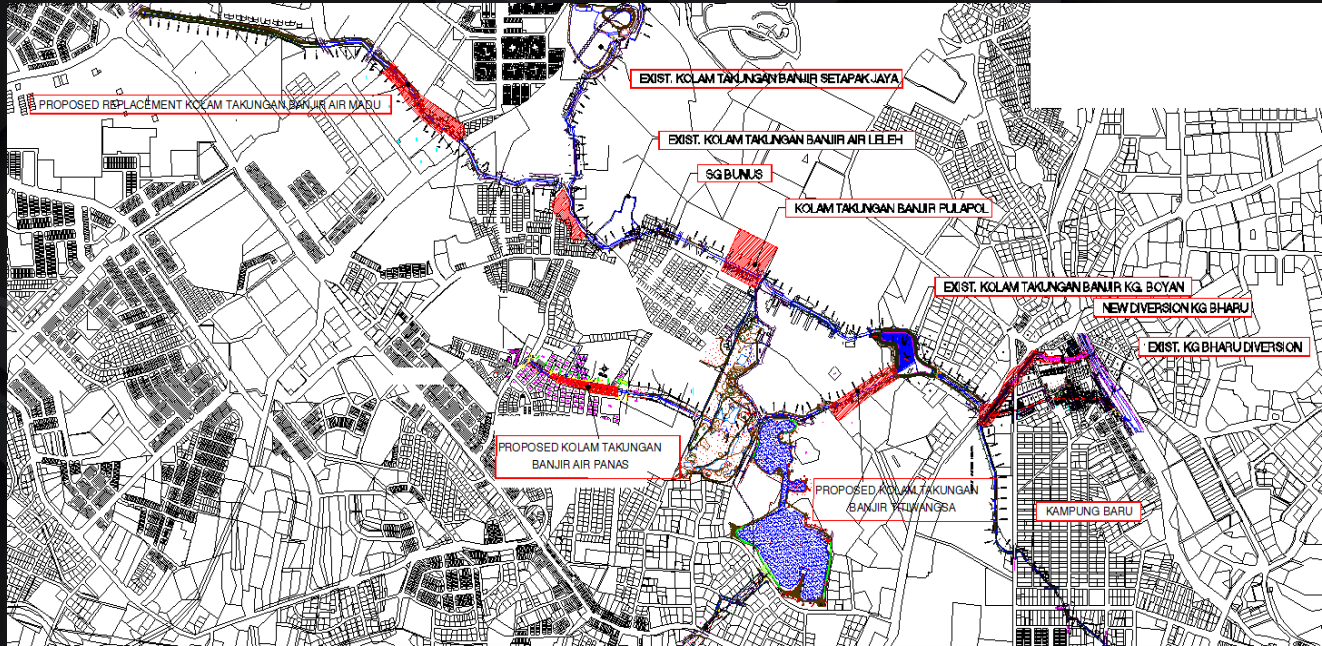
PJ CITY FC



FITTING & TESTING



OPTIMIZATION OF FLOOD MANAGEMENT SYSTEM VIA MOEA: WASSERWELT INDUSTRIES & JPS



- **Project:** Smart Flood Management System
- **Project Duration :** 24 months (2022)
- **Location:** Sungai Bunus, Kuala Lumpur
- **Type of Monitoring:** Water flow & water level reading for 5 catchment
- **Scope of Work:** Simulation CFD and A.I Implementation of SEA-IC A.I System



OPTIMIZATION OF FLOOD MANAGEMENT SYSTEM VIA MOEA: **WASSERWELT INDUSTRIES & JPS**



- Smart Flood Monitoring & Control System
- Flood Simulation via CFD



AUTONOMOUS HEALTH DRONE : UCSI - UITM - DHL



- **Project:** Autonomous Health Drone System
- **Project Duration :** 24 months (2022)
- **Location:** Shah Alam & Kuala Selangor
- **Type of Monitoring:** Medicine, Vaccine Transporter
- **Scope of Work:** Installation, Testing, Commissioning, Monitoring & Control of SEA-IC Drone System

SMART SAFETY HELMET : DIGITO - UITM



- **Project:** Safety Helmet IoT
- **Project Duration :** 24 months (Kick-off year 2022)
- **Location:** Shah Alam & Pulau Pinang
- **Type of Monitoring:** Elevation, Obstacles
- **Scope of Work:** Design, Fabrication, Hardware Installation, System Development, Human Resource Development, Training



SMART SAFETY HELMET SYSTEM



USER LAYER:
SEA-IC SOLUTION
(DASHBOARD & APPS)

CLOUD LAYER:
SEA-IC SOLUTION
(SEA-IC SERVER)

IOT LAYER:
SEA-IC GATEWAY
(RECEIVER)

PROCESS LAYER:
SEA-IC SYSTEM

SOFTWARE:
Dashboard, Apps for
Monitoring & Data
Analysis Display

**** Data Analysis ****
****All Data will be Stored in Cloud
System
(Local PC/Server/ Cloud
Subscription)****

**ALL SENSOR DATA
from Devices**



SENSORS

- Body Temperature
- Heart Rate
- Panic Button
- GPS for Outdoor Positioning / Location & Elevation

SMART WATCH

SENSORS

- GPS for Outdoor Positioning / Location & Elevation
- LoRA Transmission
- Speaker & Mic
- Indoor Beacon System via RFID

SMART HELMET

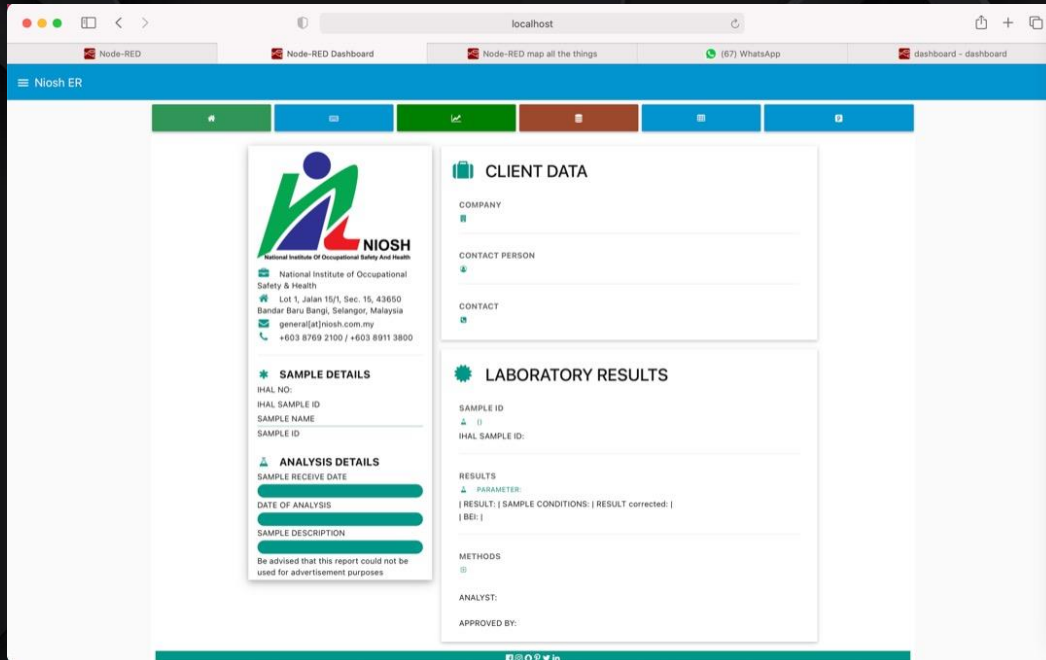
SENSORS

- Ultrasonic / Laser for Collision Warning
- Accelerometer / Inertial Measurement Unit for Fall Detection Sensor
- Ultrasonic / Laser for Collision Warning
- Infra-Red Sensor for Helmet on/off

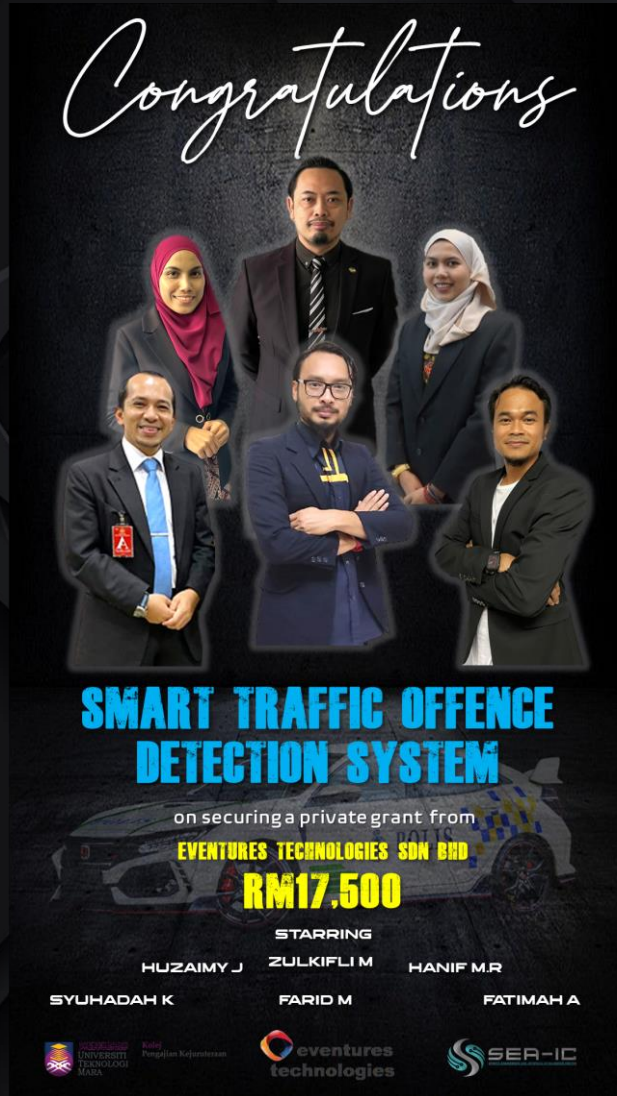
SAMPLE TESTING TRACKING & DATABASE SYSTEM VIA IOT APPROACH FOR NIOSH: NIOSH - MH DELIMA



- **Project:** Face Mask Sample Testing Tracking & Database System via IoT Approach for NIOSH
- **Project Duration :** 6 months (2021)
- **Location:** Shah Alam & Bangi
- **Type of Monitoring:** Face Mask Tracking
- **Scope of Work:** Installation, Testing, Commissioning, Monitoring & Control of SEA-IC Tracking System



TRAFFIC OFFENCE DETECTION SYSTEM: EVENTURES TECHNOLOGIES SDN BHD



Congratulations

**SMART TRAFFIC OFFENCE
DETECTION SYSTEM**

on securing a private grant from
EVENTURES TECHNOLOGIES SDN BHD
RM17,500

STARRING
HUZAIMY J ZULKIFLI M HANIF M.R
SYUHADAH K FARID M FATIMAH A

Universiti
TEKNOLOGI
MARA

eventures
technologies

SEA-IC

- **Project:** Traffic Offence Detection System (TODS)
- **Project Duration :** 6 months (2022)
- **Location:** Shah Alam & Puchong
- **Type of Monitoring:** Traffic Offence
- **Scope of Work:** Installation, Testing, Commissioning, Monitoring & Control of SEA-IC RFID System

SMART GAS ANALYZER: SRI HARTAMAS F.D

- **Project:** Smart Gas Analyzer via IoT Approach
- **Project Duration :** 6 months (2022)
- **Location:** Sri Hartamas
- **Type of Monitoring:** Hazardous Gas detection monitoring and warning system via IoT mounted to Drone
- **Scope of Work:** Design, Installation, Testing, Commissioning, Monitoring & Control of Nex-Plex System
- **Gold Medal (KIK Bomba)**



PORTABLE IOT AQUACULTURE SYSTEM: PUSAT PENETASAN UDANG GALAH, JAB. PERIKANAN MALAYSIA

- Project: Portable IoT Aquaculture System
- Project Duration : 2 months (2022)
- Location: MAHA 2022
- Type of Monitoring: Water Quality Monitoring & Control
- Scope of Work: Design, Installation, Testing, Commissioning, Monitoring & Control of Nex-Plex System



PORTABLE INTELLIGENT MACROBRACHIUM ROSENBERGII NURSERY SYSTEM



LIST OF ITEM

MAIN

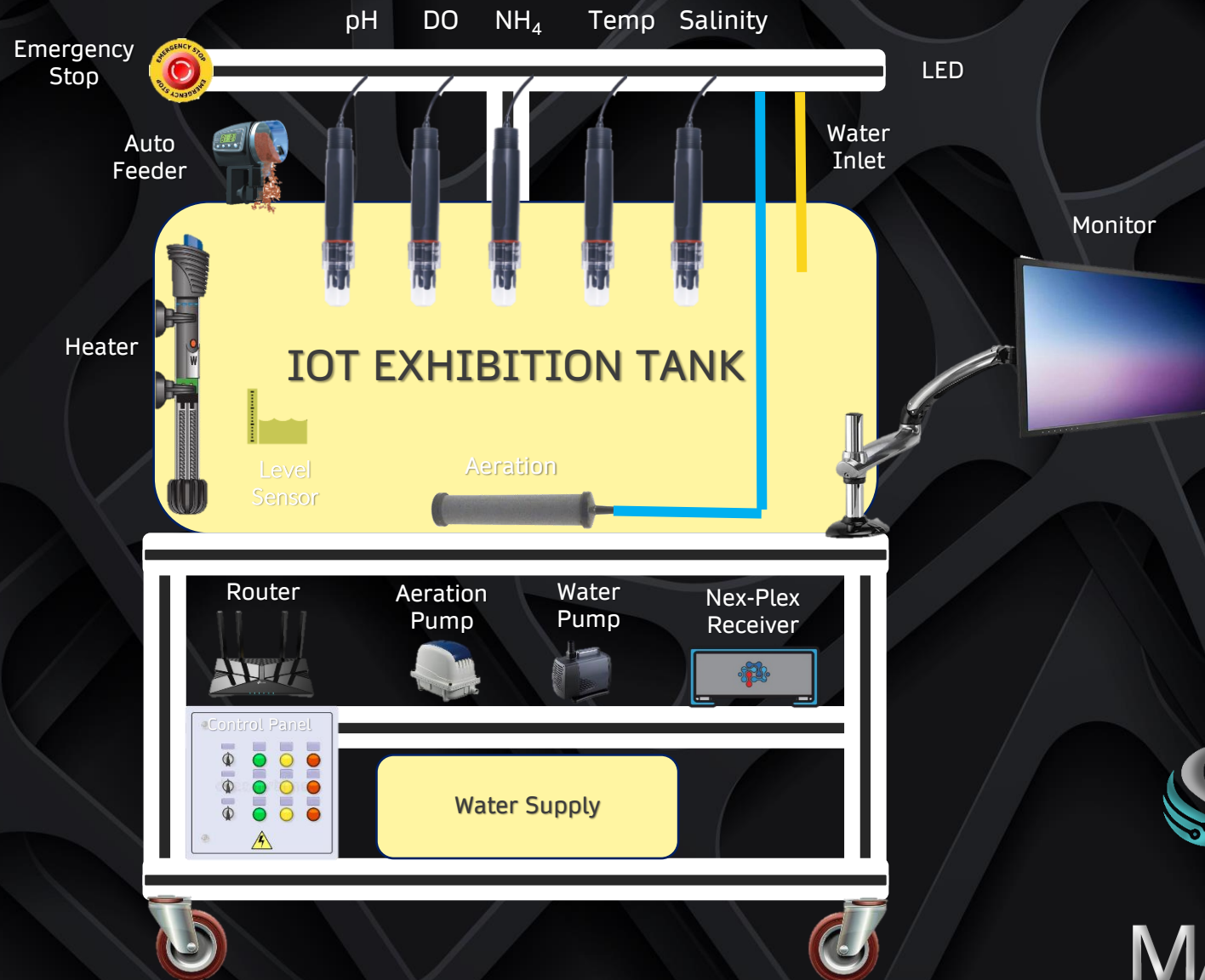
1. Control Panel & Micro-Controller
2. Router
3. Power Management
4. Main Tank (2x4x1.5)
5. Secondary Tank – Reserve Water Tank
6. Monitoring & Controlling Dashboard
7. Monitor (24 Inch)
8. Monitor Arm
9. Electronic Enclosure
10. Piping, Wiring & Fitting

SENSOR

1. Salinity
2. Temperature
3. Ammonia
4. Dissolved Oxygen
5. pH
6. Water Level

ACTUATOR

1. Aeration Pump
2. Water Pump
3. Auto Feeder
4. Lighting (LED)
5. Heater
6. Filter



AUGMENTED REALITY SYSTEM : LEMBAGA KEMAJUAN IKAN MALAYSIA

- Project: **LKIM AR System**
- Project Duration : 1 months (2022)
- Location: MAHA 2022
- Type of Project: Solar Dome & Traditional Boat AR
- Scope of Work: Design, Installation, Testing, Commissioning of LKIM AR System





GUTTER CLEANING ROBOT (GTECH 1.0): JKR WP PUTRAJAYA (PUTRATECH)

- Project: Gutter Cleaning Robot (GTECH 1.0)
- Project Duration : 2 months (2022)
- Location: Putrajaya
- Scope of Work: Design, Installation, Testing, Commissioning & Control of Gutter Cleaning Robot
- Champion : Konvensyen KIK JKR Malaysia
- Champion : Konvensyen KIK Kementerian Kerjasama Malaysia





THERMAL UNIFORMITY AND HUMIDITY (TUAH): PPII UITM - DATC CONVO

- Project: Humidity & Temperature Data Acquisition & Reporting
- Project Duration : 2 Weeks (2022)
- Location: DATC UiTM Shah Alam (CONVO 95)
- Scope of Work: Design, Installation, Testing, Commissioning & Auto Reporting
- <https://faith.eagleattech.com/>



PENTAS 501

Temperature (°C)



RH (%)

20.9°C 64.4%

COKMAR 502

Temperature (°C)



RH (%)

19.6°C 68.8%

GF 503

Temperature (°C)



RH (%)

21.9°C 54.2%

LV 1 504

Temperature (°C)



RH (%)

20.43°C 52.67%

LV 2 506

Temperature (°C)



RH (%)

28.3°C 64.8%

OUTSIDE 505

Temperature (°C)



RH (%)

25.7°C 93%

TUAH DASHBOARD

Thermal Uniformity & Humidity Monitoring

REQUEST CURRENT DATA

Powered By

Check TID before requesting, TID = 50X for Transmitter X, TID = 200 for all Data. If you have requested incorrect TID, make sure to refresh the page before making new request.



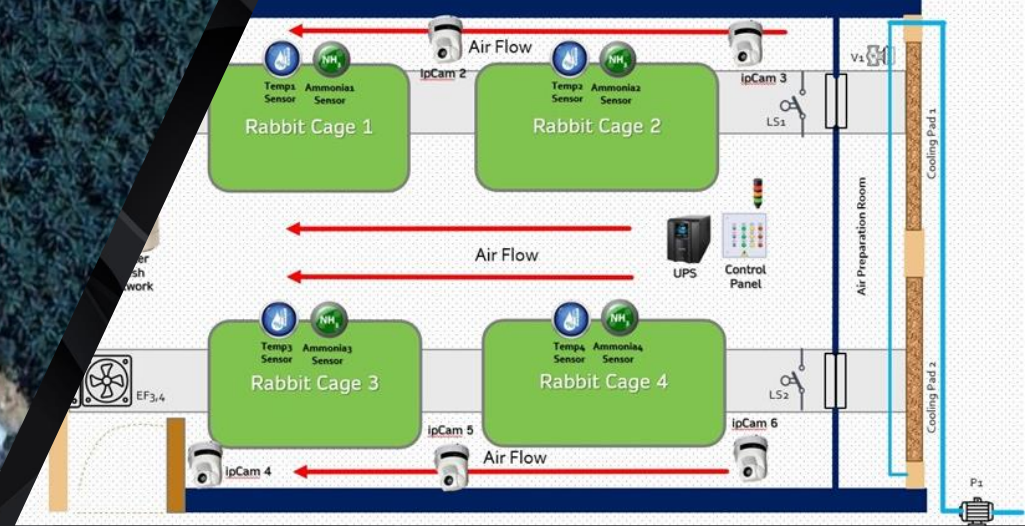
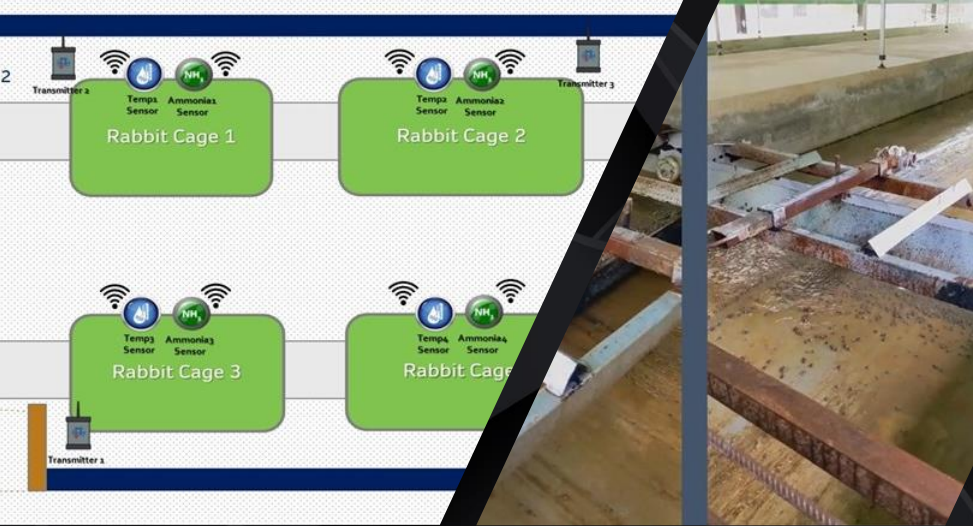
Insert TID

GO

Updated 1 minute ago

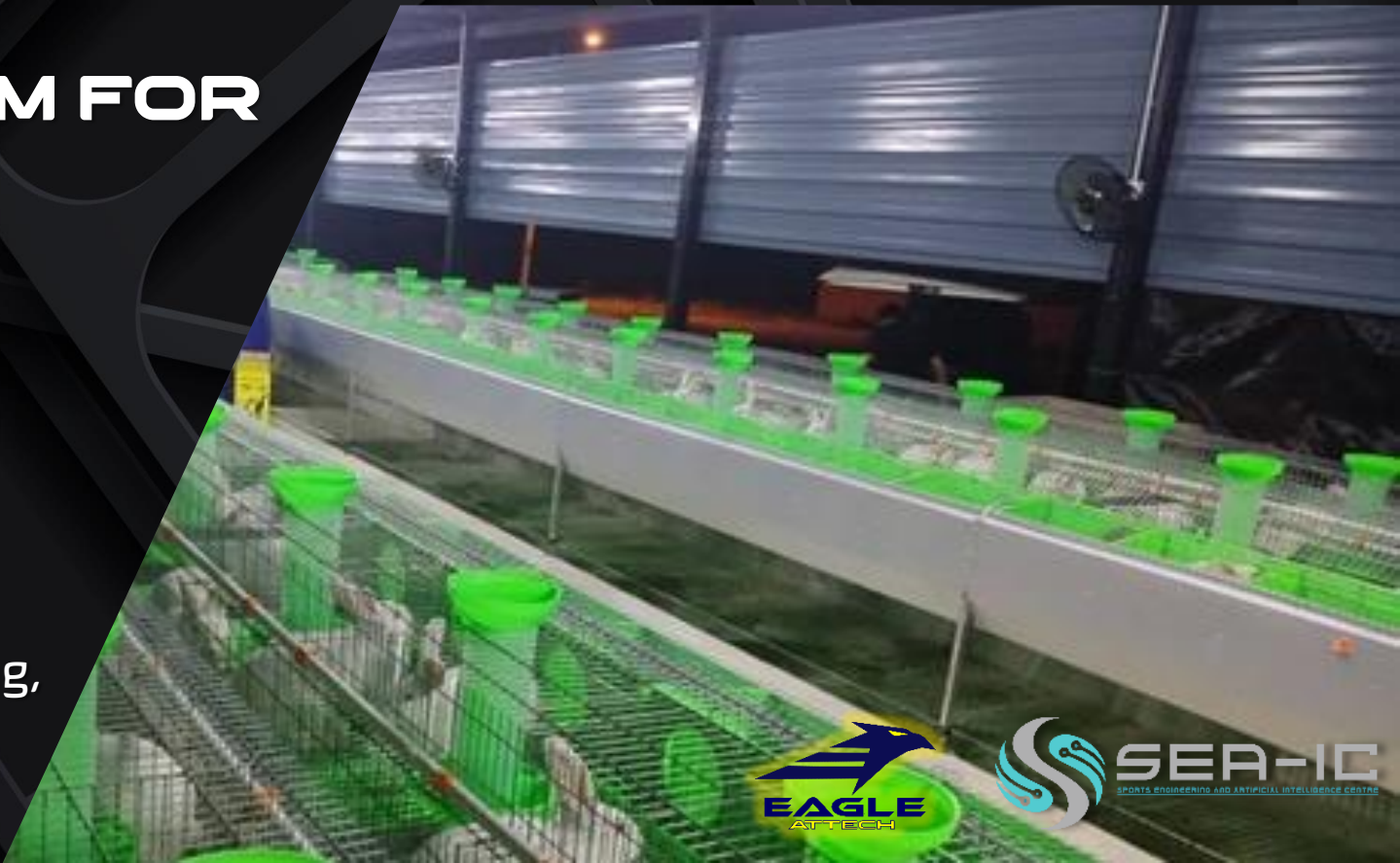
MONITORING REMARKS

Station	Remarks
501	ALL GOOD
502	ALL GOOD
503	ALL GOOD
504	ALL GOOD
505	HIGH HUMIDITY
506	ALL GOOD



SMART CLOSED SYSTEM FOR RABBIT: **FELDA GV**

- Project: Humidity, Temperature, Air Flow monitoring and System Operation Control
- Project Duration : 12 months (2023)
- Location: Felda Besout 5, Perak
- Scope of Work: Design, Installation, Testing, Commissioning & Auto Reporting






CONTACT US

EAGLE ATTECH SDN BHD

[easb.official@gmail.com](mailto: easb.official@gmail.com)

 +6011 6261 2468 



THANK YOU

SEE YOU SOON !