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INTERNATIONAL INVENTION,  
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89.	Dadu BiMate TJI: AN INNOVATION OF BOARD GAME FOR FUN AND EFFECTIVE NUMBER, BASIC OPERATIONS AND BASIC MEASUREMENT FACTS LEARNING IN PRIMARY MATHEMATICS	91
90.	ANICARE	92
91.	PEMPEK BO SANG (FISHCAKE MADE OF BANANA'S FLORAL STEM)	93
92.	EXAMINATION MANAGEMENT SYSTEM (EXAMS)	94
93.	KLEAN	95
94.	MUSON (MUSHROOM NOODLE) INNOVATION OF HEALTHY FOOD PRODUCTS FROM OYSTER MUSHROOMS WITH NEW INNOVATION AS A POTENTIAL BUSINESS OPPORTUNITY IN PUBLIC SECURITY	96
95.	TENAGA GUNA SEMULA (TEGUSE)	97
96.	ANALISIS PUNCA MASALAH PEMBELAJARAN OPERASI TOLAK DALAM LINGKUNGAN 10 DAN KEUPAYAAN BITOBI MATCH-UP DALAM MENGATASI MASALAH: KAJIAN RINTIS	98
97.	IMPROVING STUDENTS AWARD SELECTION PROCESS THROUGH THE DEVELOPMENT OF AKSIS (ANUGERAH KECEMERLANGAN SISWA) WEB INFORMATION SYSTEM	99
98.	IMPROVING RECORDS' MANAGEMENT PRACTICES VIA ATTENDANCE MONITORING SYSTEM (AMOS)	100
99.	DELAT ADLER: THE PORTABLE AND VERSATILE ELECTRCITY GENERATOR.	101
100.	DISASTER E-DRONE PREVENT INCREASING OF VICTIM ENGLISH!	102
101.	SPEAK UP SYSTEM	103
102.	H-BALM: HARUMANIS-BASED RELIEVING PRODUCT	104
103.	H-CUBE: INNOVATIVE HARUMANIS PERLIS PRODUCT	105
104.	DARE TO INVEST: CREATIVE MIND AND INNOVATIVE IDEA	106
105.	POLYVALENT CARREL	107
106.	Ezi4BANNER 2.0	108
107.	RANGGU " THE NATURAL COLOUR"	109
108.	SMART EMERGENCY DRONE FOR MANAGEMENT OF DISASTER	110
109.	SMARTOVATION YUZA WITH LONG DEPENDABLE WIRES	111
110.	THE CONVERSION OF THERMOELECTRIC ENERGY INTO ELECTRICAL ENERGY IN APPLICATION OF DEREM CHARGER	112
111.	TEH HARUMANIS PERLIS	113
112.	CAR CARBON MONOXIDE DETECTOR ( CARMOD )	114
113.	RECYCLE BIN : WASTE BUSINESS PLATFORM TO IMPROVE SCAVENGER'S CHILDREN EDUCATION BASED ON MOBILE APPLICATION	115
114.	SMART WUDHUK	116
115.	CAPTION (CANTILEVER PIEZOELECTRIC ENERGY HARVESTER WITH ENERGY BANK SYSTEM FOR FISHERMAN) AS AN ALTERNATIVE TECHNOLOGY INNOVATION TO OPTIMIZE MARITIME ENERGY RESOURCES	117
116.	AUTO WATER RECLOSE	118
117.	WIRELESS AIR POLLUTION DETECTOR (MAGIC NOZZ)	119
118.	E-CAMFINDER LEARNING APPLICATION	120
119.	ROTARY GRILL-gen2	121
120.	GARBARGAIN : A SOLUTION FOR PRA-PROSPEROUS COMMUNITIES BY EXCHANGED GARBAGE TO GET THE SUITABLE LEFTOVER FOOD	122

# INNOVATION

## CATEGORY

# **WATER QUALITY MONITORING SYSTEM**

**Isma Hulaif**

Pembangunan projek “Water Quality Monitoring System” merupakan suatu sistem kos rendah untuk pemantauan sebenar kualiti air menggunakan IoT (internet of things). Pemilihan projek ini bertujuan untuk mengukur parameter fizikal dan kimia air menggunakan parameter seperti pH, kekeruhan dan kekonduksian dengan menggunakan alat pengesan tertentu. Nilai yang diukur dari alat pengesan boleh diproses oleh pengawal mikro. Bacaan data alat pengesan boleh dilihat di internet menggunakan aplikasi BLYNK iaitu salah satu platform IoT. Pemantauan kualiti air berterusan adalah alat penting untuk pihak pengurusan menyediakan data sebenar untuk perlindungan alam sekitar dan mengesan sumber pencemaran.



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