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TABLE OF CONTENT

DESIGN CATEGORY

1.	INTELLIGENT ESSENTIAL OIL EXTRACTION SYSTEM	2
2.	DEVELOPMENT OF AN ELECTRONIC EDUCATIONAL KIT FOR	3
	LEARNING CONTROL PRINCIPLE SUBJECT; BLOCK DIAGRAM	
3.	E-TOURISM ATLAS: A WEB-MULTIMEDIA TOURISM MAPPING	4
	SYSTEM AND MOBILE APPS IN MALAYSIA	
4.	MTXbrooch: FINE METAL AND TEXTILE ARTS FOR MODERN	5
	CONTEMPORARY BROOCH	
5.	RULER MATH	6
6.	BOOK POINT	7
7.	EMOQUEST : BEST PRACTICE VISUAL EMOTIONAL TECHNIQUES	8
	SURVEY IN TEACHING AND LEARNING AS AN INNOVATIVE APPROACHES	
	USING MOBILE APPLICATIONS	
8.	MODEL KIT I-BO	9
9.	GUNA –GUNA	10

INNOVATION CATEGORY

10.	WALKING AROUND IMPROVEMENT KEYS (WALKS)	12
11.	A-DAM –ALAT BERMAIN, BERZIKIR DAN BERDOA	13
12.	GAMEBOX: ALTERNATIVE THERAPY TO IMPROVE AUTISM'S	14
	THINKING AND MENTAL ABILITY	
13.	PENGHAYATAN DAN KEBERKESANAN PENGGUNAAN MULTIMEDIA	15
	DALAM KURSUS MAGNUM OPUS MELAYU DI UNIVERSITI MALAYSIA	
	KELANTAN	
14.	REHAL TOOLKIT	16
15.	BASIC ISLAMIC LEARNING (BIL) BOARD GAME	17
16.	EZH2O-Citrullus	18
17.	TEJA – ECO INDIKATOR	19
18.	ARLITAR: AUGMENTED REALITY FOR BASIC CIRCUIT	20
	LEARNING MODULE	
19.	COOLING PAD TEMPERATURE MONITORING SYSTEM	21
	USING ARDUINO (CPTM)	
20.	AUGMENTED REALITY BASED APPLICATION FOR	22
	CHEMISTRY EDUCATION (ARCHEM)	
21.	DUAL-MODE DISTILLATION ESSENTIAL OIL EXTRACTION	23
	SYSTEM WITH STFPID	
22.	HOBP (HYDROGEL OF BANANA PEEL) : UTILIZATION OF BANANA PEEL	24
	WASTE AS A BASIC MATERIAL FOR ECO-FRIENDLY HYDROGEL	
	PLANTING MEDIA	



E-TOURISM ATLAS: A WEB-MULTIMEDIA TOURISM MAPPING SYSTEM AND MOBILE APPS IN MALAYSIA

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Tourism is one of the main sectors that have hugely contributed in Selangor's economy by generating incomes from local tourist and foreign tourists who come to Selangor for vacations. The rapid growth of digital technology that have been affecting tourism sector by make it easier for tourist to gain information about the tourist attraction places through their computer or smartphone. An innovation of e-tourism atlas is developed to implement the cartographic knowledge and GIS techniques in Selangor Tourism, Malaysia. By using this GIS and web-multimedia tourism information system, the users can increase integrity and accuracy of the data especially the locations of the attraction places in the state. This proposed system can support usage on Windows operating system for computer or laptops platform and Android operating system that compatible for smartphone. The system has also navigation functions that will assist users to navigate their ways to intended locations. Besides that, it provides useful tourism information such as general information of the place, operational hour, entrance fee and gallery of pictures. Multimedia elements are also included in the system such as audio, graphics, animation and video in order to attract the attentions of users or tourists. Overall, the selected respondents have agreed and satisfied with the functions developed in the system to easily access and disseminate the related tourism information.

Keywords: E-Tourism, Atlas, Tourism Map, Web Multimedia, Mobile Apps



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