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International Jasin Multimedia & Computer Science Invention and Innovation Exhibition

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Contents

No.	Registration ID	Project Title	Page
1	JM006	Hiding Information Digitally Under Picture (HIDUP) Using Image Steganography	1
2	JM009	Learning Shapes and Colours using JomLearn & Play Application for Children	5
3	JM010	A Novel Quality Grading Determination using Boxplot Analysis and Stepwise Regression for Agarwood Oil Significant Compounds.	9
4	JM011	A Novelty Classification Model for Varied Agarwood Oil Quality Using The K-Nearest Neighbor Algorithm	13
5	JM012	The Development of Web-Based Student Leadership Program Management System for 'Unit Kepimpinan Pelajar'	16
6	JM020	Jom Solat-iVAK: An Interactive Android Mobile Application in Learning Wudhu and Salah for Children with Learning Disabilities	20
7	JM024	Gold Price Forecasting by Using ARIMA	24
8	JM025	Recycle Now: Learning the 3R of Waste Management Through Game-Based Learning	28
9	JM031	Go Travel Application	32
10	JM032	SmartPark	36
11	JM033	iKEN 3D Environment Mobile Application	40
12	JM034	Click Car Services	44
13	JM035	Smart Vector Backpack	47
14	JM036	MY Ole-Ole Application	51
15	JM040	SH Jacket	55
16	JM041	FemaleSafe2Go	59
17	JM042	Avalyn	63
18	JM043	MyConvenient Travel Application	67
19	JM044	Visnis Apps	71
20	JM045	Cyclo Application	74
21	JM046	i-seeuWatch	78

22	JM047	ArenaSport Application	82
23	JM048	Melastomaceae species : A New Potential of Antioxidant Agent	86
24	JM049	Travesy	90
25	JM051	Borneo Food Hunter App	94
26	JM052	NIXON PACK	98
27	JM053	Ecoin Sustainable Smartwatch	102
28	JM054	SpaceBook	105
29	JM061	Nafas Face Mask	109
30	JM062	Handy Scrubby	113
31	JM064	POMCUT (PORTABLE MULTI-COOKING UTENSIL)	116
32	JM065	4 in 1 Tumbler	120
33	JM072	Understanding Social Media Influence In Reviving The Trishaw Or “Beca” As A Popular Tourism Attraction In Melaka.	124
34	JM074	First Aid Stick	127

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Travesy

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Abstract—Nowadays, a lot of people prefer to travel independently since they can find all the information they need about a destination on the internet. Hence, tourists who wanted to accomplish everything on their own might take a long time for them to gather all the information from various sources of travel websites. The issue raised when sometimes information posted on the internet is no longer accurate, and the tourists' feedbacks are no longer relevant. Thus, with the existence of Travesy application, it will be easier for tourists to gather all the information needed. The Travesy application is built to integrate and collaborate with online travel agencies (OTAs) such as Trivago, TripAdvisor, Expedia, and others by aggregating all the information in one place. This application can help them in getting information about the destination they plan to visit by allowing them to read it just through this application. This application compiles the feedbacks and reviews of other tourists who have already visited the location. The reviews of other tourists can be found by simply searching for the location's name in the list. Tourists do not need to contact any agencies after they have this application, because they can plan their own trip by visiting another section in the application where they can pin all the destinations they have read on and planning to visit. There are also common features found on this app, such as maps that help tourists to discover important places such as the nearby police station, hotels, restaurants, and Muslim-friendly establishments. This application can also track the tourist's locations, making it easier for the police to trace the tourist's whereabouts if something bad happens. Besides that, this application also offers a service for its users to check the currency of the country they are visiting. Furthermore, this application provides a list of items to bring while traveling to another country. As a result, the Travesy application helps travelers to book anything in one place through the mobile phone and it will make travelers or user love to travel again because of this application make their vacation easier and convenient.

Keywords- Travesy Application, information, security, travel

I. INTRODUCTION

Travesy is the application for travellers who want to plan their vacation in a time-saving, easy, and convenient way. Nowadays, many people are afraid to travel because they are hesitant and do not know the destination they want to visit because the information they read is incorrect, and already outdated, especially new travellers who want to travel independently. Therefore, with the equipped features available in this application, travellers who want to use this service do not have to worry about their presence in the destination they are visiting because all the information about their destination is provided in Travesy. Hence, travellers who use this application only need to type the name of the destination they want to visit and with just one click, they are able to get all the information they want.

II. MATERIALS

A. Information System

Information systems (IS) is the study of the hardware and software networks that individuals and organizations use to gather, filter, analyze, produce, and visualize information. Information systems are hardware, software, and telecommunications networks that people construct and use to gather, generate, and distribute meaningful data, generally

in corporate contexts. Information systems are interconnected components that gather, analyze, store, and distribute data to assist organizational decision-making, coordination, control, analysis, and visualization.

B. Booking System

It is indeed hard to get much more self-explanatory than that. An online booking system allows consumers to arrange their appointments with the seller or manager from the comfort of their own homes. Forget about playing phone tag or exchanging emails back and forth in search of a suitable time. Online booking systems, being at basis, provide customers with a method to see, book, and pay for appointments online through the website.

C. Danger Detect System

The concept of danger detection systems may lower the risk of harm for everyone. To reduce worries about human safety, the system was designed to recognize and prevent potentially dangerous situations. The system will use real-time gathering and analysis of physiological data monitored by noninvasive and non-intrusive sensors, RFID tags, and a Global Positioning System (GPS) to detect when a person is in danger.

III. METHODS

In order to use Travesy application, the beginner users need to download this application first. After that, register and fill in important information including name, email, and password. Once the user has successfully created an account, the user can log into the application by filling in the email and password and logging in to their account. If the user forgets the password, they can go directly to the forgot password button. When successfully logged in, users can go directly to the category and here customers can find various information or services that they want. If users want to find the destination they want to visit, they can just press the 'search' button provided and continue to enter the name of the desired destination. Here, they can get a lot of information about the destination including interesting tourist places and so on. If the user wants to make a hotel or resort reservation, the user can also use the same method by pressing the 'search' button and entering the name of the hotel or resort they want and selecting the user's location. After that, don't forget to set the user's check-in and check-out date before pressing the 'book' button to ensure the user's order is accepted.

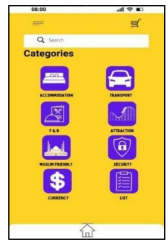
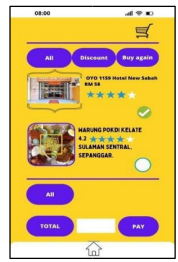
For other special features, this application provides a Muslim-friendly service where users can find where the nearest mosque can be visited and which restaurants provide halal food. Security features are also provided in this application to ensure the safety of its users. To activate this security feature, the user needs to go to settings, enter the security section and ‘turn on’ ‘track my location always’ so that the user is always in the monitoring of this application which can be connected directly to the authorities.

In addition, the application also provides a slot for users to create their own travel times, read recommendations on items to bring when traveling, and give and read reviews of destinations they have visited can also be found in the category section provided.

IV. RESULTS AND FINDINGS

Travesy is an application that can help people to make travel reservations more easily and quickly. This app is known as "One Click for All" meaning all travel activities can be booked with just one app. The Travesy application has a sophisticated security system, where users can turn on the location to be easily detected in case of any adverse events occurring while using the services in this application. In addition, various services are provided in this app such as accommodation, transportation, attractions, and more. Nowadays, people prefer to use mobile phones because they are easy to carry, light, and small in size. Therefore, we chose to develop this application via mobile phone for easy access by users.

Table 1: Application Steps

STEP 1	STEP 2	STEP 3	STEP 4
			
Register to put your name, email address, and password.	Login with a fill-in email address and password.	If the password is incorrect or forgotten, press 'forgot password.	Select any category to Start booking. For example, accommodation.
STEP 5	**STEP 6**	**STEP 7**	**STEP 8**
			
Muslim-friendly is also available to make it easier for Muslim users to find halal restaurants, places of worship and more.	The app provides space to create your own itinerary, a list of items to bring, and reviews and feedback for users to be able to assess if the service is good.	For the security part, users only need to set the location of the presence, always update, turn on the map, alarms, and others.	Finally, go to the cart, tick the reservation and check out, then proceed to payment.

V. CONCLUSION

As conclusion, we know that it is hard to find accurate and updated information on the internet, especially when it comes to traveling. Thus, Travesy application can give many benefits to our user, especially for independent travellers. With this application it will also help all the tourism businesses to thrive by receiving more visitors from the reviews given by other visitors who came to the certain places on our application. As we stated that this application is created to integrate and collaborate with online travel agencies, which can be very helpful in the tourism industry. The problem stated is more to trust

issues with any travel app due to outdated reviews. With this application, there will be more people traveling around to experience new things and exciting activities.

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