



International Teaching Aid  
**Competition 2023**

Reconnoitering Innovative Ideas in Postnormal Times

**iTAC**

**2023**

**iTAC 2023**  
**INTERNATIONAL TEACHING AID COMPETITION**  
**E-PROCEEDINGS**

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## **PREFACE**

iTAC or International Teaching Aid Competition 2023 was a venue for academicians, researchers, industries, junior and young inventors to showcase their innovative ideas not only in the teaching and learning sphere but also in other numerous disciplines of study. This competition was organised by the Special Interest Group, Public Interest Centre of Excellence (SIG PICE) UiTM Kedah Branch, Malaysia. Its main aim was to promote the production of innovative ideas among academicians, students and also the public at large.

In accordance with the theme "Reconnoitering Innovative Ideas in Post-normal Times", the development of novel ideas from the perspectives of interdisciplinary innovations is more compelling today, especially in the post-covid 19 times. Post-pandemic initiatives are the most relevant in the current world to adapt to new ways of doing things and all these surely require networking and collaboration. Rising to the occasion, iTAC 2023 has managed to attract more than 267 participations for all categories. The staggering number of submissions has proven the relevance of this competition to the academic world and beyond in urging the culture of innovating ideas.

iTAC 2023 committee would like to thank all creative participants for showcasing their innovative ideas with us. As expected in any competition, there will be those who win and those who lose. Congratulations to all the award recipients (Diamond, Gold, Silver and Bronze) for their winning entries. Those who did not make the cut this year can always improve and join us again later.

It is hoped that iTAC 2023 has been a worthy platform for all participating innovators who have shown ingenious efforts in their products and ideas. This compilation of extended abstracts published as iTAC 2023 E-Proceedings contains insights into what current researchers, both experienced and novice, find important and relevant in the post-normal times.

Best regards,

**iTAC 2023 Committee**  
**Special Interest Group, Public Interest Centre of Excellence (SIG PICE)**  
**UiTM Kedah Branch**  
**Malaysia**

## **WANDERFUND (A PERSONALIZED TRAVEL FUND)**

**Ardini Athirah Binti Jamaluddin**

Faculty of Business and Management, UiTM Kampus Bandaraya Melaka  
2022942943@student.uitm.edu.my

**Nabilah Izzati Binti Rahman**

Faculty of Business and Management, UiTM Kampus Bandaraya Melaka  
2022923855@student.uitm.edu.my

**Nur Amiera Rosyada Binti Rozie**

Faculty of Business and Management, UiTM Kampus Bandaraya Melaka  
2022794045@student.uitm.edu.my

**Nur Athirah Binti Habib Alnsar**

Faculty of Business and Management, UiTM Kampus Bandaraya Melaka  
2022764389@student.uitm.edu.my

**\*Nurhaslinda Binti Hashim**

Faculty of Business and Management, UiTM Kampus Bandaraya Melaka  
nurhaslinda@uitm.edu.my

\*corresponding author

### **ABSTRACT**

Wanderfund is an application that enables users to plan their travel fund. This application provides numerous features that will help the users to set their travel goals and plan the right strategies to achieve it. These days, the inflation rate keep on increase due to economy changes and it is directly affecting individual budget including personal fund for travel and vacation. At the same time without any assistance and proper planning, makes people become more stress

to save money for travel because it is difficult for them to accomplish their travel goals as the cost and economy situation always changing. Nonetheless, the objective of our innovation is to a user's to effectively managing their money thus makes everyone have a chance to travel around the globe. In addition, the main novelty of this application is it has personalized budgets for travellers to set up their goals within their own timeframe. It also has all-in-one travel setlist such as a travel calculator, currency converter, list of interesting places to visit, lists of verified travel agencies and personalized statistics of users travel fund. In addition, there is one feature specifically design for the travel agencies to promote their travel plans and services which include activities, places to visit, restaurants, and itineraries. The main benefit of Wanderfund is users can find a complete checklist as it provides all the necessary travel information in one application based on their own budget and preference, thus making it easy for users to plan, manage time and organize their trip effectively.

**Keywords:** travel plan, travel fund, travel packages, travel agencies, budgeting, self-directed application.

## BACKGROUND

Wanderfund travel application is a mobile application that offers a variety of functions to users for travel. The prospective users can download the applications whenever they need help to plan their travel journey. This application offers unique pop-up notification as a daily reminder to save money daily in order to attain their travel savings goal. Wanderfund is a financial-based mobile application that can calculate an ideal amount to spend on vacation, the current currency for desired countries, a trusted travel agency and tourist attraction to visit in a country. In addition, we display statistics to users via a pie chart. Thus, all the features provided in this application will help to achieve a well-planned vacation.

## PROBLEM STATEMENT

These days, an increase of inflation rate directly increase the cost of living including travel cost. Without the proper planning, travellers most likely to overspend their budget at the same time travellers also have difficulties to reach the accurate information for travel. This is because the traveller does not have assistant to plan their vacation properly. Thus, the Wanderfund travel application is introduced to the travellers as the application provided a complete travel information therefore the user will not have to worry about their money management. This application offers all-in-one features such as a travel expenses calculator, currency, travel agency, and vacation package. Presently, travel application provides common functions such as hotels, flights, and rental vehicles. Therefore, Wanderfund travel application offers all-in-one features to help individuals plan their vacation wisely (Gao et al., 2023).

## **OBJECTIVES**

The objective of this innovation is to manage financial needs to go travelling by allowing user to save smarter, split expenses, and even convert money internationally. This is because one of the important features is the ability to track and manage your travel budget and spending. Next, to achieve a well-planned vacation. The Wanderfund application help users plan a trip in advance, giving everyone time to thoughtfully consider where they would like to go and what they would like to experience, as well as what their ideal time frame is for travelling. Another objective is to helps users research destinations to go to, find affordable airfare, and find accommodation discounts. This makes it easier for users to choose destinations, hotels, and airlines that offer affordable rates for planning their vacation. Lastly, to experience a memorable and exciting vacation without thinking about any financial problems.

## **NOVELTY**

The main novelty of this application is its personalised budgets, which allow travellers to set goals within their own schedules and capacity. The Wanderfund application is full of functional features, such as an activity that includes a travel expenses calculator to calculate the user's trip budget if they plan to travel alone or when they do not intend to use a travel agency, a currency converter that provides real-time conversion rates, a list of interesting places to visit, and listings of certified travel companies to market their vacation plans and services. Next, this application also provides personalised statistics that help users identify their details for their trip, such as goals and how much money that they have already saved. This statistic also helps users manage their finances according to categories such as 30% for food, 20% for transportation, and 50% for travel package prices.

## **COMMERCIALIZATION POTENTIALS**

There are three commercialization potentials which are the freemium model, partnership with travel providers, and integrated travel insurance. Freemium model in which Wanderfund offers a free version of the application with basic features while providing advanced functionalities and exclusive deals through a subscription or in-application purchases. Next, partnership with travel providers which the application can collaborate with hotels and travel agency providers to offer exclusive discounts and loyalty rewards. Furthermore, integrated travel insurance offers users the option to purchase travel insurance directly through the application.

## **BENEFIT TO COMMUNITY**

The main benefit of the Wanderfund travel application is users can find a complete checklist as it provides all the necessary travel information in one application based on users' own budget and preference, thus making it easy for users to plan, manage time and organize their trip effectively. Users can view images and videos of desired destinations in order to decide which suitable for them. Based on a survey, it has been found that 66% of tourists analyse pictures and videos of their planned destination before their arrival. In addition, this application will also aid to users in enhancing their financial risk management (InvoZone, 2023).

## FEEDBACK FROM COMMUNITY

The feedback from the community regarding Wanderfund travel application vary based on user personal experiences and preferences. In view of that, an online survey using Google Forms was created to collect data. The survey provides information related to the amount of people plan to travel around the world, the availability of having financial aids, the level of effectiveness of Wanderfund travel application as financial aids for travel and the level of importance of cost when choosing a vacation destination.

The survey obtained the following results:

**Table 1.** Feasibility Study of Wanderfund Application

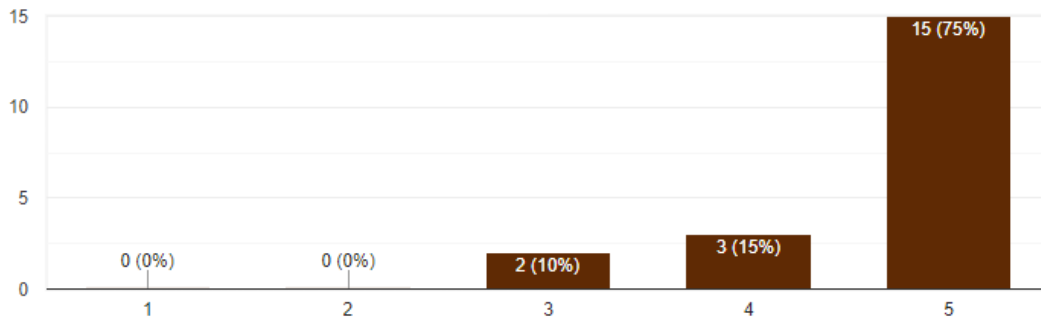
Survey	Percentage (%)		
	Yes	Maybe	No
The amount of people plans to travel around the world	85	15	0
The availability of having financial aids	50	20	30
The level of effectiveness of Wanderfund travel application as financial aids for travel	90	10	0

As a result, 85% of respondents answered, 'yes' as they have plans to travel around the world while the other 15% of respondents answered 'maybe'. Next, there are 50% of respondents who have the availability of financial assistance, while 20% of respondents answered 'maybe' and the remaining 30% of respondents answered 'no'. In addition, 90% of respondents who believed in the level of effectiveness of the Wanderfund travel application as financial assistance for travel while 10% of respondents answered no.



How important is cost when choosing a vacation destination?

20 responses



**Figure 1.** Bar Chart of the Respondents who were Answering about Cost

There are five different levels of cost importance when choosing a vacation destination. The scale level is from 1 to 5 starting from the lowest to the highest. Figure 1 showed the results where 10% of respondents choose level 3, 15% of respondents choose level 4 and 75% of respondents choose the highest level, which is 5. Thus, majority of the respondents strongly agree that it is important to plan the cost of travel wisely and effectively.

## CONCLUSION AND REFLECTION

To summarize, the implementation of this Wanderfund application can bring numerous benefits and enhancements to the travel and hotel industry. Such this application provides a platform for travellers to access a wealth of information, plan and organize their trips, and enhance their overall travel experience. By incorporating features like booking accommodations, flights, and activities, as well as offering recommendations, travel tips, and real-time updates, a well-designed travel application can revolutionize the way people travel. Through the implementation of a travel application, travellers can enjoy convenience, time-savings, and personalized experiences because it provides a one-stop solution for all travel-related needs.

Reflecting on the implementation of this travel application, it becomes evident that technological advancements have significantly transformed the travel industry. Such an application has the potential to revolutionize the way people plan, book, and experience their travels. It empowers travellers by putting valuable information and tools at their fingertips, enhancing their ability to make informed decisions and customize their travel experiences. Thus, by embracing technology and incorporating user-friendly features, travel application can greatly empowering individuals to explore the world with ease and confidence.

## ACKNOWLEDGEMENT

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