



UNIVERSITI
TEKNOLOGI
MARA



International Teaching Aid
Competition 2023

Reconnoitering Innovative Ideas in Postnormal Times

iTAC

2023

iTAC 2023
INTERNATIONAL TEACHING AID COMPETITION
E-PROCEEDINGS

Copyright © 2023 is held by the owner/authors(s). These papers are published in their original version without editing the content.

The views, opinions and technical recommendations expressed by the contributors are entirely their own and do not necessarily reflect the views of the editors, the Faculty or the University.

Copy Editors: *Syazliiyati Ibrahim, Azni Syafena Andin Salamat, Berlian Nur Morat (Dr.), Najah Mokhtar, Noor 'Izzati Ahmad Shafiai, Muhamad Khairul Anuar Bin Zulkepli (Dr.)*

Cover Design : *Asrol Hasan*

Layout : *Nurina Anis Mohd Zamri*

eISBN : 978-967-2948-51-3

Published by : Universiti Teknologi MARA Cawangan Kedah,
08400 Merbok,
Kedah,
Malaysia.

162. **CLAIMBUSTERS: AN INTERACTIVE INDOOR BOARD GAME FOR MASTERING INSURANCE** **1038**
Nur Zufirah Binti Zafridin, Nurul Husna Binti Othman, Nur Aifa Ayuni Binti Lokman, Nur Naliesa Binti Ab Rahman, Noorzalya binti Mokhtar
163. **MON-EENAGERS DIARY (MONEY TEENAGERS DIARIES)** **1044**
Nur Hidayah Binti Abdul Halim , Saidatul Sa'adiyah binti Ja'afar, Najwa Maisarah Binti Anuar, Siti Nadia Binti Mohd Amin , Shahreena Binti Daud
164. **FAMILY FIRST: INSURE THE LIFE!** **1049**
Nor Hidayah Binti Khairon, Nur Farah Hanim Binti Mamat, Nur Amira, Syahira Binti Mohd Hatta, Maheran Katan
165. **SPENDSPLIT** **1053**
Wan Musyirah Wan Ismail, Iman Alia Nafisah Binti Mazariwan, Muhammad Zulfikar Bin Abdullah, Muhammad Hareez Bin Hasanuddin, Anwar Ibrahim Bin Mohd Radzi
166. **FINSMART: WEBSITE FOR BETTER FINANCIAL PLANNING AMONG INDIVIDUALS** **1059**
Ahmad Ammar Syauqi bin Mohd Shapri, Khairunisa A.Karim, Nurul Khalilah binti Ramli, Fauziah binti Mohd Jabar, Nurhafizah binti Mohd Zolkapli
167. **FINGO: AN EXCITING AND CHALLENGING GAME TO DEVELOP THE HABIT AND CULTURE OF SAVINGS** **1064**
Nurhafizah Binti Mohd Zolkapli, Nurul Hasya Binti Rosli, Siti Aina Binti Mohamad Zam, Nurul Fatimah Nabilah Binti Ahmad Lutfi, Nurul Syakirah Binti Romzi
168. **REALITY BOARD** **1070**
Muhammad Saufi Bin Mustafar, Muhammad Syahrul Azhar Bin Jafri, Luqman Hakim Bin Alias, Mohamad Izzami Bin Jemaain, Wan Musyirah Binti Wan Ismail
169. **FACE RECOGNITION FOR THE HOTELS INDUSTRY** **1077**
Syamir Safee bin Shahrudin, Nur Athirah Izzati binti Mohd Nazaruddin, Nursyaqirah Syazwina binti Ahmad, Nur Khairun Nisa binti Hamka, Mazlina Mahdzar
170. **GRAPEVINE APPLICATION** **1082**
Taufik Fikri Bin Othmahadi, Nur Zulaikha Binti Zairi Lazli, Maizatul Athirah Binti Mohd Azlan, Siti Nur Shafiqah Najwa Binti Mokhtar, Mazlina Mahdzar

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

FINSMART: WEBSITE FOR BETTER FINANCIAL PLANNING AMONG INDIVIDUALS

Ahmad Ammar Syauqi bin Mohd Shapri
Faculty of Business & Management, Universiti Teknologi Mara
ammars1290@gmail.com

Khairunisa A.Karim
Faculty of Business & Management, Universiti Teknologi Mara
khairunisa2302@gmail.com

Nurul Khalilah binti Ramli
Faculty of Business & Management, Universiti Teknologi Mara
nurulkhalilah20@gmail.com

Fauziah binti Mohd Jabar
Faculty of Business & Management, Universiti Teknologi Mara
fauziahmohdjabar1@gmail.com

Nurhafizah binti Mohd Zolkapli*
Faculty of Business & Management, Universiti Teknologi Mara
nurhafizahzolkapli@uitm.edu.my

**Corresponding author*

ABSTRACT

FinSmart is a financial website that offers several interactive and interesting functions that are particularly created to assist working individuals who are too busy to manage their financial planning. FinSmart website consists of several number of formulas on how individuals make proper control and calculation on financial plan and strategy. Presently, many individuals are failing to have a plan when it comes to personal financing. They only have a limited amount of money and use it as much as possible without thinking about the future. Therefore, individuals must plan wisely what they will do with it. Financial planning serves as a roadmap for achieving one's life goals and provides a step-by-step method. It makes it easier for you to manage your income, expenses, and assets. The goal of this website is to reduce the stress associated with financial planning for individuals. Individuals may quickly generate the items they want to include in their financial planning by using the computation, formula, and instructions that have been provided on the website. This website can reduce time and savings money and provide more information. It will save individuals time and create long term connections. As a result, it can indirectly benefit society in a modern way. They can access all

these functions via laptop and smartphone where it can be used anytime and anywhere. The community might get the benefit from this initiative that provides comprehensive financial guidance. It would also encourage and motivate the community as well to advance their practice in proper financial plan. Besides, it is also considered to be a ground-breaking initiative in recognizing qualitative distinction in personal finance.

Keywords: financial website, control, ease, planning, modern

INTRODUCTION

Although people presently have a lot more money than they had in prior generations, financial professionals agree that understanding about how to handle money has not been updated (Fogarty, 2012). Every individual should take responsibility for organizing, managing, and putting their finances into action. They need to understand how to manage their finances. Some individuals may not know how to calculate their profit or loss, simple interest, compound interest, loan, and net income. Without a proper knowledge of how to calculate all of this, they cannot accurately manage their finances, and this leads to wrong financial management. As a solution, FinSmart website has been developed in which the purpose of this website is to help the individual or community to easily handle their financial for a better life and future. Through the development of this website, it offers several financial formulas, and the users just need to put the amount based on their financial information. Besides, it also offers interactive experience for the users to play interesting games that help the users to improve their skill in managing their finances. The devices that users need to use in order to access this website are via a laptop or smartphone and you may enjoy exploring several interesting functions that have been provided on the website at anytime and anywhere.

PROBLEM STATEMENT

The impacts of the present economic crisis are making life increasingly challenging. Following the global economic instability that has an impact on the national economy, the cost of living has changed as a result of the current financial crisis (Ahmad et al., 2022). In Malaysia, adults between the ages of 18 and 35 make up more than 47% of those who are deeply indebted as a result of living expensive lives that go beyond their means. Poor financial planning and financial literacy lead to people accumulating large debt, which can lead to bankruptcy, divorce, pressure from the law, and personal dissatisfaction (Reid, 2003).

Presently, many individuals particularly are busy with their work and study, which leads them to have constraint of time to handle their finances. Moreover, there are also some individuals that may not know how to calculate their financial and that makes them have no interest in

managing their own financial. According to Lusardi and Mitchell (2009), people nowadays especially younger generation typically has poor levels of financial knowledge. Hence, they prefer to pay professional financial advisor to manage their finances, but it will increase their expenses. However, they can reduce their expenses in handling and controlling their finances by increasing their financial knowledge. Therefore, FinSmart has been developed in order to assist and guide individuals via several interactive and interesting functions that help them to appropriately plan their finances.

OBJECTIVE

The main objective of the FinSmart website is to reduce the stress associated with financial planning for individuals. Individuals, especially working adults must be busy until they do not have much time to manage their finances for their security financial in the future. Therefore, this website may help assist them in quickly generating the items they want to include in their financial planning by using the computation, formula and instructions that have been provided on the website. This website also can reduce time, save money and provide more information as it just needs your gadget to access the website.

NOVELTY

FinSmart has several unique functions compared to other financial websites that available in the market such as FnCalculator. FnCalculator only provides a general calculation because it has many categories that create difficulty for the individuals to use it and usually most of the individuals prefer to surf the financial website that is convenience for them to use and understand. Furthermore, this website is also too formal and lacks the appeal that can attract individuals to use it. The uniqueness of the FinSmart website is it provides specific calculations that are simple and easy to use such as calculating the profit and loss, interest, compound interest, loan EMI as well as net income. In addition, this website also provides some interesting and interactive games that can be played while browsing this website so it does not become boring because having games that can be attractive to individuals and interesting to play.

BENEFITS TO SOCIETY

The innovation of this financial website promotes problem solving and deliver creative insight in finance matter that can support and help the society to increase knowledge in financial management. Apart from that, people might get the benefit from this initiative since this financial website provides comprehensive financial guidance. It also directly or indirectly helps to encourage and motivate the people as well to advance their practice in proper

financial plan.

COMMERCIALIZATION POTENTIAL

FinSmart website is very useful creation that can help to increase financial management knowledge via new technology application. This website has high potential to be commercialized among individuals especially working adults and teenagers. Besides, this website also can be promoted to be used among university or college students who are usually have problem to manage their finance appropriately

ACKNOWLEDGEMENT

First of foremost, we would like to express our gratitude to Allah SWT and His Messenger, Prophet Muhammad SAW because of His blessings of time, strength and energy, it is possible for us to complete this project. We finally managed to finish up this project with great enthusiasm and determination.

Furthermore, we were honored and would like to say a million thanks to our advisor, Madam Nurhafizah binti Mohd Zolkapli who had monitored us from the beginning until we were able to complete this project well. She has been very helpful in giving us ideas, guidance and advice throughout the completion of this project. Without her guidance, we would surely not be unable to complete this project.

Aside from that, we sincerely thank all the group members that have assisted and exchanged their ideas during the completion of this task. We're so grateful for the continual support.

Without the cooperation of all group members, this project may not have been completed. Finally, thank to our wonderful parents, who constantly encouraged and give guidance to us. We're hoping that our assignment meets all the requirements.

REFERENCES

- Ahmad, N. A., Zin, M. Z. M., Rahim, H., Kassim, Z., & Hasbullah, N. N. (2022). Financial Management among Youth. *International Journal of Academic Research in Business and Social Sciences*, 12(9), 1820 – 1827.
- Fogarty, M. (2012). *Save, Invest, Grow*. Readers Digest.

Lusardi, A. & Mitchell, O. (2009). How Ordinary Consumers Make Complex Economic Decisions: Financial Literacy and Retirement Readiness, NBER Working Paper, N.15350.

Muske, G. & Winter, M. (2004). Association for Financial Counseling and Planning Education, Financial Counseling and Planning, 15 (2).

Reid, C. (2003). Financial literacy: The teachers' Perspective. Available from:
[http://www.asic.gov.au/asic/pdflib.nsf/add907be1c708f42ca6aca0007f465/34f311ce00c195f1ca256d8e00271050/\\$FILE/Christine_Reid_finlit_presentation.pdf](http://www.asic.gov.au/asic/pdflib.nsf/add907be1c708f42ca6aca0007f465/34f311ce00c195f1ca256d8e00271050/$FILE/Christine_Reid_finlit_presentation.pdf).



e-proceedings

International Teaching Aid
Competition 2023
Reconnoitering Innovative Ideas in Postnormal Times

iTAC **2023**

e ISBN 978-967-2948-51-3



9 789672 948513