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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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- | | | |
|------|---|------------|
| 145. | <p>GENERAL PUBLIC AWARENESS IN LIFE INSURANCE
<i>Asyiera Bt Mohd Yuzanai, Nur Faqihah Iwani Bt Zulkurnain, Izz Zafirah Bt Zainurin, Nur Syaida Bt Mohd Shukri, Zunaidah Binti Ab Hasan</i></p> | 942 |
| 146. | <p>FINANCIAL TABLET TRACKER
<i>Nur Iman Qaisara Binti Azman, Asyura Binti Mohd Kaharudin, Nurul Amira Binti Azhari, Fatin Noor Umairah Binti Mamat, Nur Hidayah Binti Zaini</i></p> | 948 |
| 147. | <p>FROM RAGS TO RICHES: MONEYVENTURES
<i>Nur Athirah Izzati Binti Mohd Adnan, Nuraliah Binti Mohamed Firdaus, Nur Alia Khairani Binti Noraidi, Siti Asya Maszlieza Binti Mohd Shariaf, Farhan Aidel Bin Abdul Razak, Aqilah Nadiah binti Md. Sahiq</i></p> | 953 |
| 148. | <p>MENINGKATKAN KEMAHIRAN PELAJAR
MENGENALPASTI DOKUMEN SUMBER PERNIAGAAN
DENGAN MENGGUNAKAN KAEDAH 'THE KING'
<i>Rosnani Binti Ismail, Azarina Binti Azhari, Hazwani Binti Othman, Rossiana Binti Abd Rahim</i></p> | 961 |
| 149. | <p>EUROPE ROAD TRIP: THE ADVENTURE
<i>Nurul Najwa Binti Yusoff, Nurul Najiha Binti Hamdan, Nursyafiqah Binti Mohd Yunus, Nor Athierah Binti Khalid, Shahreena Binti Daud</i></p> | 967 |
| 150. | <p>VISUAL LEARNING INTERACTIVE INFOGRAPHIC FOR CIVIL
PROCEDURE STUDENTS IN LAW SCHOOLS IN MALAYSIA
<i>Azhani Arshad, Syuhaeda Aeni Mat Ali, Ummi Hani' Maso'od, Che Audah Hassan</i></p> | 972 |
| 151. | <p>RECEIPTME
<i>Mohammad Zarif Bin Ismadi, Mohamed Zulhilmi Bin Armail, Nur Amira Syafiqah Binti Muhammad Khalid, Nur Irlia Afrina Binti Mohamad Sabaru, Siti Musliha Binti Mohd Idris</i></p> | 978 |
| 152. | <p>DIGITAL SAVING MACHINE
<i>Nuraliah Binti Yahya, Naimah A'milin Binti Abd Razak, Nur Izzatul Akma Binti Mohd Khazairi, Nurul Ain Amiesya Binti Dzulkarnain Goh, Nur Hidayah Binti Zaini</i></p> | 983 |

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
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ReceiptMe

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ABSTRACT

Receipts are essential documents that must be kept as proof of a purchase. A person must keep in order to claim tax relief on a recurring basis. Keeping receipts for tax relief purposes is important and essential for Malaysian taxpayers. This is because the application process for tax relief is becoming modern, which application of tax-relief through online system via the web. However, taxpayers frequently encounter issues with storage methods, paper receipts that do not last long, and receipt loss. In addition, it is possible that receipts will be lost due to the need to store an excessive number of receipts at once. As a result, they have difficulties to find the necessary receipts, which complicates the process to file for tax relief. Therefore, we have proposed the ReceiptMe application, which allows users to store their receipts directly on their mobile device. ReceiptMe helps organize receipts in a single location. When users need to locate receipts for expense tracking, or tax purposes, the process is simplified. Additionally, people can access their receipt from any location at any time. We believed it was advantageous because individuals will no longer need to store their receipts manually. This application makes storing receipts easier, more organized, and more secure. Before proceed with this application, we conducted an online survey to collect information about the financial issues the community faces on a daily basis. It is hoped that ReceiptMe can provide a sustainable and efficient solution for receipt management, benefiting society through reduced environmental impact and enhanced financial management. Consequently, ReceiptMe is regarded as a significant innovation for facilitating management and storage, and it may be incorporated as software that is directly linked to the tax exemption application system. This sophisticated and easy-to-use application can provide numerous

parties with tax relief management convenience and relief.

Keywords: *ReceiptMe, tax relief, physical receipt, receipt application, financial affairs*

BACKGROUND

The idea for this application comes from our daily lives. Most of us keep a lot of receipts in our wallets without bothering to throw them away. We keep the receipt because we want to keep track of our expenses, but when we finally decide to organise the receipts, the ink has already faded, leaving only the receipt paper behind. The main reason behind our desire to make sure this idea is successful and captures society's attention is that we don't want anyone to face this issue repeatedly. We aim to be a movement that helps others, as we are the first application dedicated to assisting people in storing receipts.

The application is mainly designed for taxpayers who have faced difficulties in preserving their receipts as evidence when declaring taxes, which often prevents them from claiming tax relief. However, this app doesn't stop there. It is also suitable for students, working individuals, and people from various backgrounds who can use our application to store and track their receipts. We want to serve not just one specific group, but everyone.

By using the power of technology, we aim to revolutionize the way people keep their receipts. Our user-friendly interface makes it easier for anyone to snap pictures of their receipts, save them securely, and retrieve them whenever needed

PROBLEM STATEMENT

Physical receipts can be easily misplaced or damaged, leading to difficulties in keeping them organized. When receipts are lost, it becomes a time-consuming task to find specific transaction details or verify purchases. This can cause frustration and inconvenience for individuals trying to track their expenses. Additionally, physical receipts can fade over time, making it challenging to read the information on them, further hindering effective organization and record-keeping. Next, physical receipts are vulnerable to loss or damage in various situations, such as accidental spills, fires, or misplacement. When a receipt is lost or destroyed, it becomes nearly impossible to retrieve crucial information from it. This lack of accessibility can cause problems when trying to claim warranties, return items, or provide proof of purchase for insurance purposes. It can also lead to difficulties in accurately reporting expenses for tax deductions, potentially resulting in financial penalties or missed opportunities for individuals and businesses.

OBJECTIVES

Our goals and objectives in assisting the community manage financial issues in the matter of storing receipts to claim tax relief are based on a number of objectives that we aim to achieve by developing the ReceiptMe application. Organization is the first aspect of the goal. Users can use ReceiptMe to keep all their receipts in one location and organised. This makes it easy for them to find receipts when they are needed for tax purposes, cost tracking or otherwise. The second objective is about convenience. Users do not have to keep their receipt physically for a long time when using the ReceiptMe app, which allows them to easily take a photo of their receipt and save it straight in the app. Receipts received by email can also be saved directly in the application in accordance with the folders that the user created based on the day they were received and the type of expense made. The next objective focuses on accessibility when using the ReceiptMe app. Users can access their stored receipts from any location at any time without any restrictions by storing them in the application. Users have nothing to worry about carrying a physical receipt along to see if it is needed for a certain use due to this application. ReceiptMe also has an objective for sustainability. This application can provide a sustainable and efficient solution for receipt management, benefiting society by reducing the environmental impact that is in reducing paper waste where paper receipts often contain harmful chemicals and cannot be recycled. Lastly is about application security. Using in-app receipt storage can help protect users from fraud or identity theft, as they do not have to worry about losing their paper receipts. The ReceiptMe app may be designed with security features such as password protection that ensure that only user-authorized accounts can access receipts.

NOVELTY

We are confident that our product can make it easier for many users to store their receipts, especially for those who want to use them for tax relief. With our product, users no longer need to worry about losing receipts because all receipts will be stored in the ReceiptMe application only. In addition, our application makes it easy for users to organize receipts in one place and the receipt will be sorted by month and year. Additionally, our app provides features such as all the information about tax relief that we have taken from the LHDN website and you can track all the receipts that you add accordingly based on type of expense, month and year. Lastly, all the receipts will be stored for 7 years, which is compatible with requirements under the Income Tax Act, in which you need to store your receipt for 7 years to be evidence during a tax audit.

COMMERCIALIZATION POTENTIALS

The commercialization potential for ReceiptMe apps is based on market demand among working individuals and families. Due to a number of causes, including the necessity for cost tracking, tax claims, and the move towards digitization, there has been a steady increase in

demand for receipt management solutions. As a result, ReceiptMe may provide distinctive features, a user-friendly organisation, and address issues with receipt handling, which can entice some people to use ReceiptMe apps.

BENEFIT TO COMMUNITY

Receipt Me is a digital application that brings significant benefits to the community. It promotes environmental sustainability by digitizing receipts, reducing paper waste, and contributing to a greener future. The app enhances financial management skills by providing an organized platform for expense tracking and management, fostering responsible spending habits and financial literacy. It simplifies tax compliance by securely storing receipts, streamlining the tax filing process and ensuring accurate reporting. Moreover, Receipt Me supports local businesses by promoting transparency in financial transactions, creating a healthier business ecosystem within the community. Overall, Receipt Me positively impacts individuals, businesses, and the environment by promoting sustainability, improving financial management, simplifying taxes, and fostering stronger relationships between individuals and local businesses

FEEDBACK FROM COMMUNITY

We have collected feedback from people through a google form survey. The survey that we conducted consisted of over 30 respondents. According to the survey, most of the respondent have a problem with fading receipt ink and have lost their receipt. They also have difficulty sorting their receipts on their own. 17 over 30 respondents say that ink in their receipt only holds a month, after that the ink has already faded away. After they watch our product that we suggest, most of the respondents agree and will use our application that we create. They agree that this application will solve their problem of having to store many paper receipts. The information that we provided about tax relief also gives the respondent more knowledge about tax relief. Moreover, with many features in our applications, it will help the respondent that struggle in organizing and managing their receipts.

CONCLUSION

In conclusion, Receipt Me is a revolutionary application designed to address the challenges of receipt management and tax relief for individuals and the community. By digitizing receipts and providing a user-friendly interface, Receipt Me offers a convenient and organized solution for storing and retrieving receipts. The app not only promotes sustainability by reducing paper waste but also enhances financial management skills and simplifies tax compliance. With its potential to benefit individuals, businesses, and the environment, Receipt Me has the potential to make a positive impact on the community as a whole. Through the valuable feedback

received from the community, Receipt Me continues to evolve and improve, aiming to provide a reliable and efficient receipt management solution for everyone.

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