



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)
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NEWBIE INVESTMENT SIMULATION APPLICATION

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ABSTRACT

This abstract contains the primary details on our app namely the Newbie Investment Simulation Application. Our goal in developing this app is to provide a hub for new investors. For instance, they could find confidence in investing through our app. Looking forward, this app will aid and

welcome newcomers, from a variety of backgrounds to the investment industry. Several problems that might occur during the development of this application are finding potential users, creating an appealing interface and maintaining code quality. This is because, with the continuous updates and features to the app, the amount of data will increase. Hence, it will be challenging to maintain code quality. The main objective is to give guidance for newbies that want to experience real time trading, offer the investor more options and information based on the offered platforms and guarantee all investors who use our apps gain returns and profit. Moving on, some of our novelty includes providing users with a virtual trading portfolio which focused on shariah compliant securities, providing educational content with unlimited demonstration, sessions from expert traders and premium investment tools for fundamental and technical analysis. Some of the benefits that this app may provide are personalized experience, guidance for better practice of trading and increasing awareness upon significance of investment. Following, it's a medium of reliable source for market participants to refer to upon market information. This way, the society is closer to the investment world. Lastly, the target market entices new investors, ranging from students, adults, and senior citizens. The app also welcomes teenagers who want to draft their future financial planning early before they can start their own investment, retired individuals who want to boost their income and trainees. For starters, the advertisements will be made virtually through social media and websites.

Keywords: guidance, tutorials, games, demonstration, data.

BACKGROUND

TradeTuts is one of the applications built for the purpose of central location for prospective financiers. In addition, this app also will provide the assurance they need to start investing. Since the investment word is interesting terms to apply for any extra income purpose. The target customers for this application are students, company trainees, retirees, and adults. Besides that, the key product provider by this application is expert guidance, reality experience, educational content, shariah compliance portfolio and reality experience. According to this key product it shows that this application was created for a balanced purpose and suitable for use by all people regardless of age, religion, race, and gender. In addition, the options available in this application are notes, video, mock games, chart, and screener. The notes consist of trading notes, how markets work, stock market, bond market, futures and options, forex, crypto and commodity. All these notes given are useful information to be applied in the investment to be made. This information will also lead the investor in terms of choosing the right market to invest in. Next, for the selection of video is chart and volume, trend and pattern, trading theory and indicator. These videos help investors to make the analyze certain companies or markets. Move to the mock games, it consists of three level interesting games which are at the second level is for the premium account. Finally, the selection of screener that can help investor to detect the best company or market in a short time.

PROBLEM STATEMENT

Before the development of TradeTuts, users encountered numerous problems especially in their investment activities. Firstly, they faced difficulties in finding apps that are compliant to their needs. Most of them are hardly accessible and have heavy features. Thus, it can be quite hard to adapt or to utilize. Besides, those existing apps tend to be more general on their information. Therefore, users are unable to fully understand the concept of the topic they are referring to. Simply said, those apps missed the precision of information, making it ineffective to use. For instance, users face difficulties in interpreting the data and chart provided due to the lack of inclusivity on minor details. Following, the lack of specialized feature complied with professional traders' guidance, makes the existing apps even monotonous. Provided, due to this matter, users had to settle for external professionals. They had to spend more money since the existing apps failed to fulfill their needs optimally.

OBJECTIVES

Newbie Investment simulation apps is inspired by Bursa Malaysia. The objective of this product is to give guidance for newbies that want to experience real time trading. According to the activities conducted via this app, it will help people in terms of investment. This app provides example information such as a video, feedback, help and support that can be used as a reference to the investor. In addition, our apps also offer a variety of investment platforms, such as Bursa Malaysia, KLSE Screener, and others. It will help the investor to get more options to invest and gain many benefits based on the offered platforms. Newbie Investment simulation apps also will provide much information regarding the world of investing, such as how to choose an investment platform, how much money to invest, how to analyze investments, and how to choose an investment strategy. All the guidance provided is aimed to guarantee that all investors who use our apps gain returns and profits that are worth more than cost incurred.

NOVELTY

Our product includes providing users with a virtual trading portfolio which focused on shariah compliant securities. This part is in line with Islamic investors, in fact it also guarantees a legal investment system in Islam and Shariah. It also boosts the confidence of investors, specifically for Islamic investors, which is reflected in an increase the number of users in this apps. One of the uniqueness offered by our product is providing educational content with unlimited demonstration, sessions from expert traders and premium investment tools for fundamental and technical analysis. This can help in providing useful and effective learning for investors. All the information shared can be applied in the real investment world. In addition, another benefit offered by our product is that this app may provide are personalized experience, guidance for better practice of trading and increasing awareness upon significance of investment. Following, it's a medium of reliable source for market participants to refer to upon market information. This way, the society is closer to the investment world.

activities as they now has the basic in tackling the market. Secondly, this app provides guidance for better practice of trading. This is through the features of chart and screener which is very accessible. The feature allows user to observe movements of stock price. Thus, they may predict future prices and decide suitable actions to be taken now for them to profit later. The app is also equipped with market indicators, which will narrow down their selection on stocks to be traded. Next, community are to benefit from the app as it creates awareness upon the significance of investment. It is known to all that there are only minority proportion of community that is fully aware on the importance of investment. Many however is ignorant, as they lack the exposure on the subject. Therefore, this app is developed in motion that many more will be interested in investment as they practice through our app.

FEEDBACK FROM COMMUNITY

As referred from the feedback of our respondents, it is evident that before they use our app, majority of them faces difficulties in finding proper platform to collect information on market. Thus, their knowledge is limited on the subject. Many also said that they are yet to invest in any securities due to their unfit situation. However, after coming across our app, they seem to be more confident as they now have an eligible source to refer to. They also appreciate the assistance provided, step by step as they are highly satisfied with the features. In a way, they experience an increase in knowledge and exposure after using the app. This is made happen through the users' process of utilizing the notes, tips, and demonstrations provided.

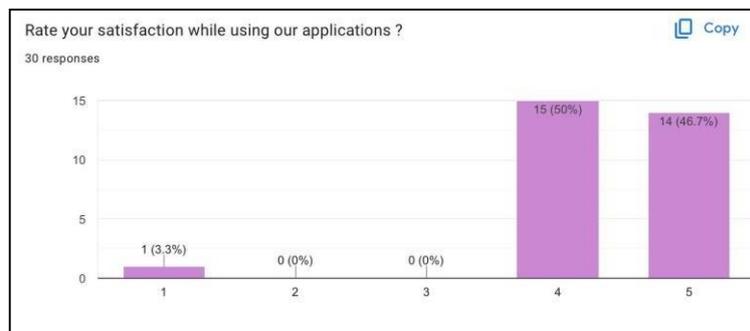


Figure 2. Users' Satisfaction After Using Tradetuts

CONCLUSION AND REFLECTION

In essence, the development process still calls for consistent advancements to enhance the usage and functionality of the app. Thereby, we will be projecting necessary measures to

ensure an efficient process. Subsequently, as time goes, we expect our product to remain in being impactful thus benefiting as a whole. For instance, as our users increases, the market participants will also increase. This is because, many more will gain confidence through our app. Additionally, this app is also targeted to enhance the financial stability of community as they provide means and guidance for users to enter the financial market and gain their additional income. This way, they can ease their living. Not to mention, they may also cultivate a sense of financial planning through the process itself. To conclude, we hope that our users can achieve their designated goals by utilizing our app. This way, our app is proven to be efficient as it complies with users' need.

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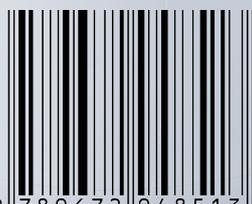


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