

IASDO

Bulletin

August 2023 Special Issue

**The Future of Computing,
Through Student Eyes**

DIGITAL SOCIETY

PREFACE

We are pleased to present the latest issue of the IASDO bulletin special edition, which features articles on a wide range of topics related to Digital Society. We hope that you will find the articles informative and thought-provoking. We would like to express our gratitude to all the contributors who have shared their insights and expertise with our readers.

We welcome your feedback and suggestions for future issues of the IASDO bulletin special edition. Thank you for your continued support and interest in our publication

EDITORS

Hapini Awang

Nur Suhaili Mansor

Khuzairi Mohd Zaini

Idah Pindai Zengeni

Copyright © 2023 Institute for Advanced and Smart Digital Opportunities(IASDO). All Rights Reserved.

Published by Koperasi Pakar Digital (CodeX) Kedah Berhad
Institute for Advanced and Smart Digital Opportunities(IASDO)
UUM School of Computing
06010 UUM Sintok, Kedah Darulaman
admin@codex.berhad.com.my
0194526027

This work is subjected to copyright. All right are reserved. Whether the whole or part of the material is concerned, specifically the right of translating, reprinting, reuse of illustrations, recitation, broadcasting, reproduction on papers, electronics or any other way, and storage in data banks without either prior written permission of the Publisher or authorization through payment of the appropriate fees as charged by the Publisher. Due care has been taken to ensure that the information provided in this proceeding is correct. However, the publisher bears no responsibility for any damage resulting from any inadvertent omission or inaccuracy of the content in the proceedings.

Library cataloguing – publication data
Institute for Advanced and Smart Digital Opportunities(IASDO), 2023
Bulletin IASDO
eISSN: 2990-9686
Printed in Malaysia.

Contributors

Hapini Awang

Huda Haji Ibrahim

Nur Suhaili Mansor

Nurul Izzah Ghozali

Amirul Luqman Abdul
Hisham

Joharri Shuhaimi

Sarkin Tudu Shehu Malami

Xuan Xiongmin

Idah Pindai Zengeni

Ammar Zakwan Abdul
Rahman

Ezzah Ruzairy

Norjuliana Muhamad Fazli

Nur Fatinah Hairul Anuar

Muhammad Ammar Aideeq
Azhar

Alia Afieqa

Nur Salsabilah Saifulnizam

Nur Hatija Ayuni Mohd
Azhar

Sharvin a/l Thangaraj

Sarah Nur Balqis
Muhammad Ridhwan Pang

Muhammad Alif Ikhmal
Zulkifli

Zakwan Harith

Hareez Irfan Mohd
Shahrizan

Hasan Sajjad Mohammad
Noor

Lahvanya a/p Rajendra

Farah Ellyssa Abu Amrin

Sanghita Mayalagan

TABLE OF CONTENTS

| | |
|---|----|
| Synergizing Brilliance:IASDO and TM Brainstorming Unite For a Game-Changing Collaboration | 4 |
| Internship Journey at Dell Technologies | 5 |
| Revolutionizing Education with Blockchain Technology: Joharri's Innovative Research Proposal | 7 |
| Enhancing Website Management Skills: A WordPress Training Session for AADK Staff | 8 |
| The Data Science Revolution: Undergraduates Learn to Harness The Power of Big Data Session | 9 |
| Meet Michael: The Brilliant Mind Behind the Game-Changing IS Research Proposal | 10 |
| The Effects of Scammers | 11 |
| Artificial Intelligence Revolutionizing Man | 12 |
| Fundamental of Information Technology | 13 |
| Experience in Making an Assignment on the Topic of Comparison Between ChatGPT and Google | 15 |
| The World of Cryptocurrency | 16 |
| Microsoft Excel Workshop | 18 |



| | |
|---|----|
| Pre-University Matriculation Innovation Competition 2023 (PIITRAM) | 19 |
| Scammers: How to Protect Yourself From Their Tactics | 20 |
| Softwares That Helped Me a Lot in Doing Assignment | 21 |
| The Use of ChatGPT | 23 |
| Ica Group Assignment Was Amazing!!! | 24 |
| Introduction to Computer Applications: A Guide for Beginners | 25 |
| The Ethics of Blockchain: A Discussion of the Ethical Implications of Blockchain Technology, Including Issues of Privacy, Transparency, and Control. | 27 |
| The Journey | 28 |
| The Importance of Preventing Hacking: A Comprehensive Guide | 30 |
| The Art of Creating Efficient Systems: An Overview of System Analysis & Design | 31 |
| The Secret of Powerpoint | 32 |



SYNERGIZING BRILLIANCE: IASDO AND TM BRAINSTORMING UNITE FOR A GAME-CHANGING COLLABORATION

By: Huda Haji Ibrahim, Nurul Izzah Ghozali, Hapini Awang and Nur Suhaili Mansor

May 31, 2023 - The Institute for Advanced and Smart Digital Opportunities (IASDO) took a significant step towards driving positive change as its members, along with IASDO's Advisor, Prof. Huda Ibrahim, Director, Dr. Hapini Awang, and Deputy Director, Dr. Nur Suhaili Mansor convened at TMpoint, Alor Setar. The purpose of their visit was to engage in a productive brainstorming session with Encik Yusof bin Omar, General Manager of State Regulatory and Engagement at Telekom Malaysia Berhad Perlis & Kedah, accompanied by Datin Noridah Bachik (Public Relations Office Manager) and Mr. Mohd Zawawi bin Ramli (Manager).

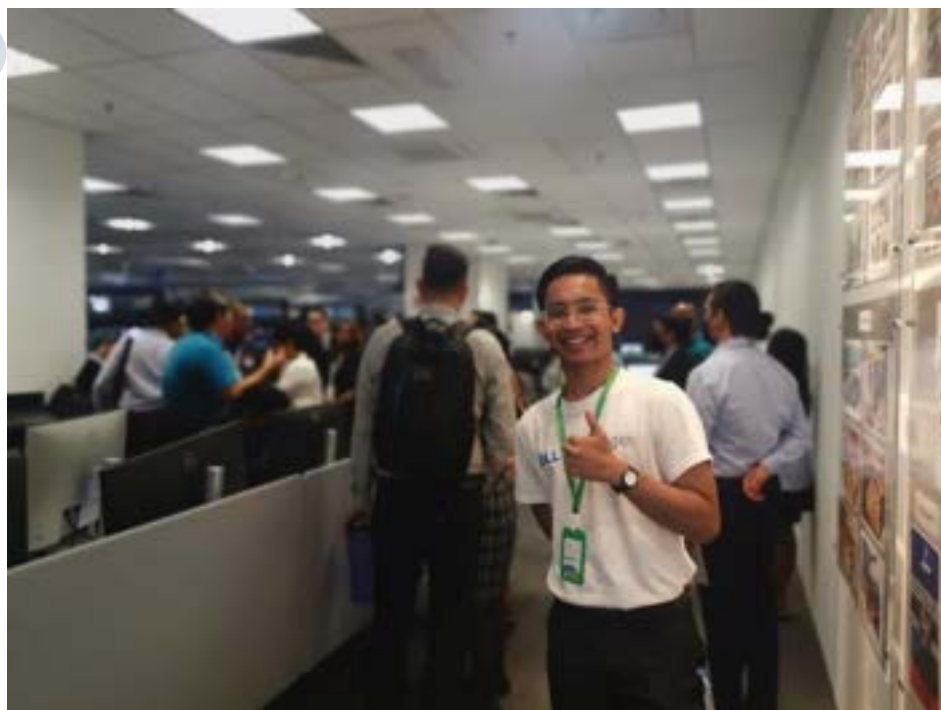
The objective of the session revolved around exploring innovative solutions and strategies to propel education, community development, and asset protection to new heights. Both parties expressed immense satisfaction with the fruitful brainstorming session, as it successfully accomplished its intended goals of generating impactful ideas and fostering a collaborative atmosphere. Both parties emphasized their commitment to translating the outcomes of the brainstorming session into tangible actions. They expressed the importance of continued collaboration, implementation of the ideas generated, and the positive effects they hope to achieve for the community, industries, and the nation as a whole.



INTERNSHIP JOURNEY AT DELL TECHNOLOGIES

Amirul Luqman, a final-year Bachelor Science (IT) major in software engineering student, landed an internship at Dell Technologies in the SFDC department and also part of IT Development Program (ITDP). As an intern, Amirul was given the chance to work on some exciting projects and collaborate with a team of highly skilled professionals. His team was working on a project to develop a custom Salesforce application for a client. Amirul was thrilled to work on the design, development, and testing of the application, which was a great learning experience for him.

He was introduced to the world of Salesforce, which was a new experience for him. The SFDC department at Dell Technologies focused on creating innovative and customized solutions for clients using the Salesforce platform. Amirul was amazed by the power and flexibility of the platform, and the endless possibilities it offered for creating unique solutions. One of the most memorable experiences for Amirul was working in a team with experienced professionals. He had the chance to collaborate with senior developers, architects, and project managers, who provided guidance and support throughout the project. He learned a lot from their expertise, and they helped him improve his skills and knowledge.



By: Amirul Luqman Abdul Hisham and Hapini Awang



During the internship, Amirul learned new programming languages and frameworks such as Apex, Visualforce, and Lightning Components. He was able to apply his programming skills to the project and was delighted with the results. The application he developed was a success, and the client was very satisfied with the outcome. Apart from that, Amirul Luqman's internship experience at Dell Technologies wasn't just about software engineering. He was also given the opportunity to be part of the organizing committee for various event such as Chinese New Year celebration, Hack2Hire hackathon event and other internal events. Through these experiences, Amirul learned the importance of teamwork and collaboration in achieving goals. He realized that to be successful in the tech industry, one must not only possess technical skills but also have good communication and interpersonal skills



A Journey of Internship
Excellence at Dell
Technologies

Overall, Amirul's internship experience at Dell Technologies in the SFDC department was an amazing learning opportunity. He was grateful for the experience and highly recommends Dell Technologies to anyone who is interested in pursuing a career in software engineering, especially in the Salesforce domain. Amirul felt that the internship allowed him to gain valuable insights into the industry and the latest technologies, which will be very helpful in his future career

Exciting news from the IASDO! On February 22nd, 2023, Joharri, a dynamic Form Six teacher hailing from the Cameron Highlands, presented his groundbreaking research idea to the esteemed members and research fellows of the IASDO lab. Joharri is currently pursuing his Ph.D. in the School of Education at Universiti Utara Malaysia, with a focus on technology. Seeking to gather ideas from experts in the School of Computing, Joharri's research centers on assessing the readiness of Form Six teachers to utilize blockchain technology in assessments.

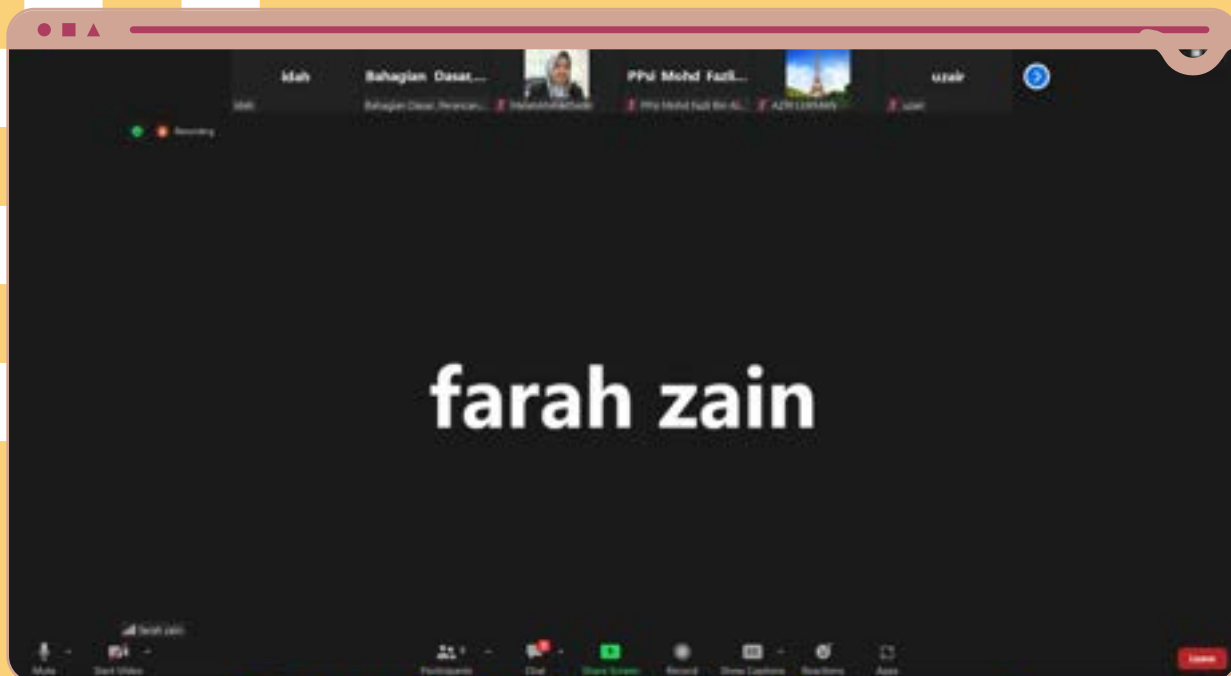
With a captivated audience of six IASDO lab members and four research fellows, the session was held in the state-of-the-art IASDO training room from 2:00-5:00 pm. Joharri's presentation was engaging and fruitful, with the audience providing valuable feedback and sharing their opinions and suggestions.

Revolutionizing Education with Blockchain Technology: Joharri's Innovative Research Proposal

By: Joharri Shuhaimi, Nur Suhaili Mansor, Hapini Awang

Overall, the session proved to be incredibly beneficial for Joharri, who received expert feedback and inspiration from the audience. The IASDO lab members and research fellows relished the opportunity to share their knowledge and learn about Joharri's groundbreaking research interests. The session ended on a high note, with Joharri feeling empowered and motivated to continue pursuing his research in this exciting field.





Enhancing Website Management Skills: A WordPress Training Session for AADK Staff

By: **Idah Pindai Zengeni**

On 2/6/2023, a training session was conducted with the staff members of AADK via Zoom, as per the request of Dr. Farah. The purpose of the session was to provide a comprehensive training on utilizing the WordPress site effectively. The training primarily focused on the two key areas: content management and plugin management.

A virtual session commenced promptly at 9:30 am and lasted until 10:00 am. Through the Zoom platform, the participants joined the session from their respective locations, eager to enhance their understanding of WordPress.

During the training, the participants were guided step-by-step on how to add, edit, customize, and delete content on the website using WordPress. I shared the screen and provided a live demonstration, ensuring that the staff members were able to follow along and grasp the concepts effectively. They were shown how to create engaging articles, blog posts, and other content elements, as well as how to incorporate images, videos, and other media.

In addition to content management, the training session delved into plugin management. The participants were guided on how to navigate the WordPress plugin repository, select suitable plugins for specific functionalities, and install them on the website. They were educated on the significance of regularly updating plugins to ensure security and optimize website performance. Tips to manage the plugins were also provided.

In conclusion, the training session conducted via Zoom successfully empowered the staff members of AADK with the necessary skills to effectively manage the WordPress site. The virtual session covered content management and plugin management, providing the participants with practical knowledge on adding, editing, customizing, and deleting content, as well as optimizing website functionality through plugins. The valuable feedback received will contribute to improving the user manual, ensuring that the staff members have comprehensive guidance for future website management tasks.

THE DATA SCIENCE REVOLUTION: UNDERGRADUATES LEARN TO HARNESS THE POWER OF BIG DATA

By: Sarkin Tudu Shehu Malami, Xuan Xiongmin, Nur
Suhaili Mansor, Hapini Awang

On 28 March 2023, the Institute for Advanced and Smart Digital Opportunities (IASDO) organized an event aimed at introducing undergraduate students to the world of data science. The event took place at DKG 5, Universiti Utara Malaysia and was attended by 257 undergraduate students from various programs.



The program featured two speakers, Sarkin Tudu Shehu Malami, a Nigerian Ph.D. student, and Xuan Xiongmin, a Ph.D. student from China. They discussed various topics related to data science, including the history of data science, data science and blockchain technology, data science applications in higher education, data science in daily life, and cryptocurrency and data science.

The program was informative and engaging, with the speakers providing insights on how data science is transforming various fields. They emphasized the practical applications of data science in daily life and how it is changing the world around us. The program aimed to inspire the next generation of data scientists and equip them with the skills and knowledge they need to excel in this field.

Overall, the event was a success and received positive feedback from the attendees. The students left with a greater understanding of the importance of data science and its applications. The IASDO hopes to continue organizing similar events in the future to promote knowledge and awareness in the field of data science.



Meet Michael

The Brilliant Mind Behind the Game-Changing IS Research Proposal

On February 9th, 2023, Michael, a medical/healthcare practitioner from China and Ph.D. student in Information Systems, presented his research ideas to the Institute for Advanced and Smart Digital Opportunities (IASDO) lab members and research fellows in the IASDO training room. Michael's research interests are focused on the application of data science in healthcare, specifically in the context of the roles of ChatGPT and industrial data science.



By: Xuan Xiongmin, Nur Suhaili Mansor, Hapini Awang

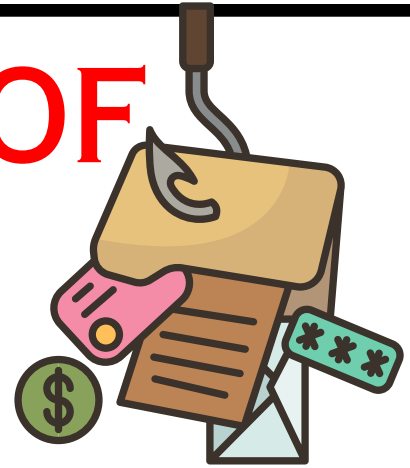
Overall, the presentation was well-received, and the audience provided valuable feedback for Michael's research direction. The IASDO lab members and research fellows appreciated the opportunity to learn about Michael's research interests and to share their expertise and insights with him. The session ended on a positive note, with Michael feeling encouraged and inspired to continue pursuing his research in this area.



The audience and evaluators included seven IASDO lab members and three research fellows. The session was held from 2:00-5:00 pm and was described as fruitful and engaging. Michael presented his initial ideas and the audience shared their opinions and suggestions.



THE EFFECTS OF SCAMMERS



By: Ammar Zakwan Abdul Rahman

Scammers have become a pervasive threat in our modern world, posing significant risks to individuals, businesses, and society as a whole. From phishing emails to fake investment schemes, scammers use a variety of methods to deceive and manipulate their victims. The effects of these scams can be devastating and long-lasting, ranging from financial loss and emotional distress to reputation damage and legal consequences.

One of the most immediate and obvious effects of scammers is financial loss. Scammers often prey on individuals who are vulnerable or unsuspecting, tricking them into giving away their money or personal information. Victims of scams can lose significant sums of money, leading to financial distress, hardship, and even bankruptcy. In some cases, scammers may also use stolen personal information to commit identity theft, further exacerbating the financial harm suffered by their victims.

Beyond the financial impact, being scammed can also have significant emotional consequences. Victims may feel violated, embarrassed, and helpless, leading to anxiety, depression, and other mental health issues. The emotional distress caused by scams can linger long after the financial losses have been recovered, making it difficult for victims to trust others or form new relationships.

Furthermore, scammers can also face legal consequences if caught. In many countries, scamming is considered a criminal offence that can result in fines, imprisonment, or both. However, catching and prosecuting scammers can be difficult, especially if they operate from overseas or use sophisticated techniques to evade detection.



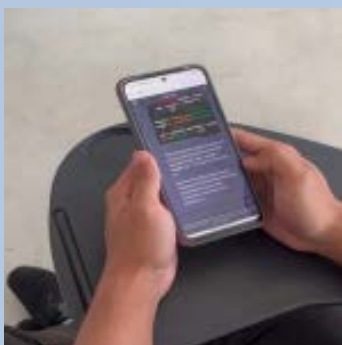
In conclusion, the effects of scammers can be far-reaching and devastating. From financial loss and emotional distress to reputation damage and legal consequences, scammers pose a significant threat to individuals, businesses, and society as a whole. It is crucial that we remain vigilant and protect ourselves from these scams by staying informed, using caution when giving out personal information, and reporting any suspicious activity to the appropriate authorities. By working together, we can help to minimize the impact of scammers and create a safer, more secure world for everyone.

ARTIFICIAL INTELLIGENCE REVOLUTIONIZING MAN

By: Zakwan Harith

Artificial intelligence (AI) is a rapidly growing field that has the potential to revolutionize many aspects of our lives. It involves the development of intelligent machines that can perform tasks that typically require human intelligence, such as learning, problem-solving, and decision-making.

One of the key areas of AI is machine learning, which involves training computers to learn from data without being explicitly programmed. This is done through the use of algorithms that can identify patterns and relationships in the data, and then use that knowledge to make predictions or decisions. There are several different types of machine learning algorithms, including supervised learning, unsupervised learning, and reinforcement learning. Supervised learning involves training a machine learning model using labelled data, while unsupervised learning involves training a model without labels. Reinforcement learning involves training a model to make decisions based on feedback from its environment.



Another important area of AI is natural language processing (NLP), which involves teaching machines to understand and interpret human language. This is used in applications such as speech recognition, language translation, and text analysis. Deep learning is another area of AI that has gained a lot of attention in recent years. It involves the use of artificial neural networks to learn from data and make predictions. Deep learning has been used in applications such as image and speech recognition and has shown great promise in many other areas as well.

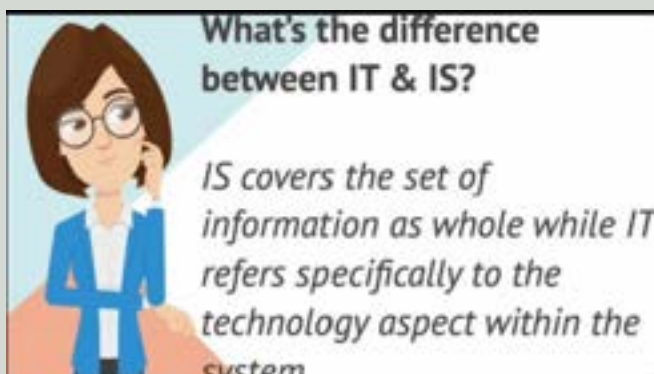
Despite all of the potential benefits of AI, there are also concerns about its impact on society. One of the biggest concerns is the potential for job displacement, as machines become more capable of performing tasks that were previously done by humans. There are also concerns about bias in AI algorithms, which can lead to unfair or discriminatory outcomes.

Overall, AI is a rapidly evolving field that is likely to have a major impact on many aspects of our lives in the years to come. As we continue to develop and refine AI technologies, it will be important to ensure that we are using them in a responsible and ethical manner.

FUNDAMENTAL OF INFORMATION TECHNOLOGY

By: Lahvanya a/p Rajendra

Learning introduction to Information and Communication Technology (ICT) can be an exciting and rewarding experience, as it opens up a world of possibilities for individuals to communicate, create, and collaborate using digital tools and technologies. However, it was also overwhelming for students like me who are new to this field, as there can be a lot of technical terms to understand and different types of software and hardware to learn. To start learning ICT, it's important to have a basic understanding of computer hardware and software. This includes understanding the different components of a computer, such as the CPU, memory, and hard drive, as well as the different types of software applications, such as word processing, spreadsheet, and presentation software. This is why my group has decided to present on the topic of "Information System."



An information system (IS) is a set of interconnected components that work together to collect, store, process, retrieve, and distribute information within an organization. It involves the use of hardware, software, people, and processes to manage information, and supports various business functions, such as finance, accounting, marketing, and operations.

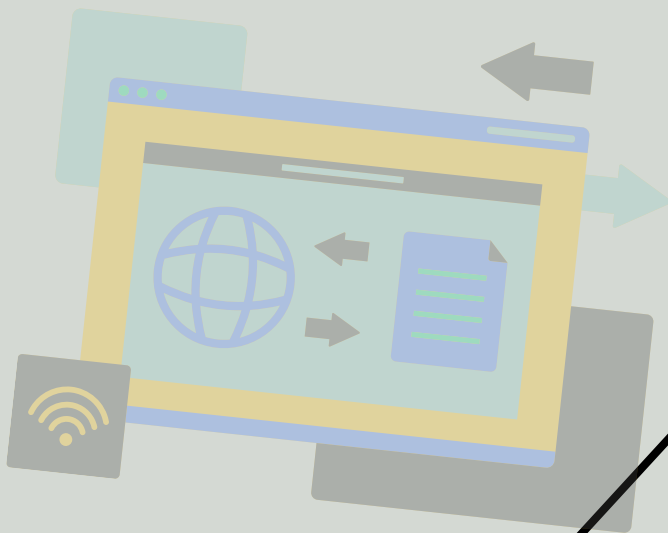
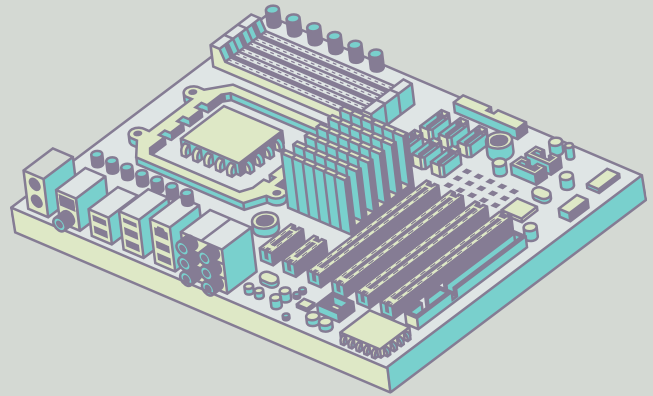
Information systems can be categorized into different types, depending on their purpose and scope. For example, Transaction Processing Systems (TPS) are systems that process and record transactions, such as sales or purchases, in real-time. Moreover, Decision Support Systems (DSS) are systems that help decision-makers analyse data and make informed decisions based on that analysis. Information systems play a critical role in organizations, helping them to become more efficient and effective in their operations. They enable better decision-making, faster communication, and improved collaboration among employees.

There are also several parts in Information System. People are an important component of an information system, alongside hardware, software, data, and procedures. An information system is a collection of interconnected components that work together to collect, process, store, and disseminate information in order to support decision-making, coordination, control, analysis, and other organizational activities. People play different roles in an information system, depending on their skills, knowledge, and responsibilities. For example, end-users are the individuals who use the system to perform their tasks, such as entering data, generating reports, or communicating with others. System analysts are the professionals who analyse the requirements of the users, design the system architecture, and coordinate the development team. Programmers are the specialists who write the code to implement the software functionality.

Database administrators are the experts who manage the storage, retrieval, and security of the data. And managers are the leaders who oversee the performance, efficiency, and effectiveness of the system.

Apart from that, hardware refers to the physical equipment that comprises an information system, such as computers, servers, printers, scanners, routers, and other devices. Meanwhile,

Software refers to the programs and applications that are used to perform specific tasks within an information system. The hardware and software components of an information system need to work together seamlessly to support the goals and objectives of the organization. They need to be designed, tested, and deployed in a coordinated manner, taking into account the compatibility, interoperability, and performance requirements of the system. Therefore, it is essential to design, develop, deploy, and manage information systems in a responsible and effective manner, taking into account the needs, values, and interests of all stakeholders involved.





EXPERIENCE IN MAKING AN ASSIGNMENT ON THE TOPIC OF COMPARISON BETWEEN CHATGPT AND GOOGLE

By: Farah Ellyssa Abu Amrin

Last January, we were all given a task by Dr Hapini to complete our group assignments with certain topics. My group chose the topic of advantages of ChatGPT over google.



ChatGPT

ChatGPT and Google offer different services and have their own advantages. However, there are some advantages of ChatGPT over Google namely efficiency. ChatGPT can provide responses quickly and without requiring users to navigate through menus or search results. Through this, it has made it easier for our group to obtain information and complete tasks more easily.

Another advantage is creativity. ChatGPT can generate creative and unexpected responses, which can be useful in situations where a more nuanced or imaginative approach is required. This has made it easier for us to get ideas to be placed in our group project.

The final advantage is language understanding: ChatGPT is specifically designed to understand and generate human-like responses, while Google's language processing focuses on tasks such as search queries and information retrieval. By using this ChatGPT, it has made it easier for us to understand the information and response provided more easily than using google

By doing this task, I was able to learn more about the advantages of ChatGPT. I feel the use of ChatGPT in this day and age is very necessary so that it can facilitate all human affairs at all ages in finding or obtaining information or other things more easily and quickly.



THE WORLD OF CRYPTOCURRENCY

ChatGPT and Google offer different services and have their own advantages. However, there are some advantages of ChatGPT over Google namely efficiency. ChatGPT can provide responses quickly and without requiring users to navigate through menus or search results. Through this, it has made it easier for our group to obtain information and complete tasks more easily. I recently attended a captivating discussion about cryptocurrency and bitcoin given by a prominent speaker at University Utara Malaysia. I do have the opportunity to hear some of the crucial details and astounding things about this situation. I'd want to explain what cryptocurrency is. What are the benefits and drawbacks, and is using it safe and secure for us?

A series of encrypted data used to represent a unit of currency is known as a cryptocurrency. It is organised and managed via a peer-to-peer network called a blockchain, which also serves as a secure ledger of transactions, such as buying, selling, and transferring. Cryptocurrencies are decentralised, meaning they are not issued by governments or other financial institutions, in contrast to physical money.

By using a network of computers or specialised hardware, the transactions are verified and validated through the mining process. Cryptographic algorithms are used to create cryptocurrencies. The process compensates the network's power source, the cryptocurrency miners. Cryptocurrencies are not, however, backed by either a public or private organisation. It has been difficult to defend their legal position as a result in various financial jurisdictions all over the world. It doesn't help that most of the current financial infrastructure hasn't been used by cryptocurrencies to operate in the past. The legality of cryptocurrencies has an impact on how they are used in normal transactions and trade.

Cryptocurrencies are a brand-new, decentralised paradigm in terms of money. Under this arrangement, rather of centralised intermediaries like banks and financial institutions, transactions between two parties are governed by trust. As a result, a cryptocurrency-based system eliminates the possibility of failure.

Also, using cryptocurrency should make it simpler for two people to transfer money without the involvement of a trustworthy third party, such as a bank or other financial organisation. These decentralised transfers are secured via a number of incentive mechanisms, including proof-of-work, public keys, and private keys.

While off-chain key storage places like exchanges and wallets are very safe, bitcoin blockchains are still quite secure. Many cryptocurrency exchanges and wallets have been breached throughout the years, sometimes resulting in the theft of millions of dollars' worth of cryptocurrencies.

In conclusion, bitcoin is a revolutionary technological advancement that has changed how we think about money and business transactions. It offers users unparalleled protection, anonymity, and flexibility and has the potential to revolutionise a variety of industries, from finance to healthcare. Like with any new technology, there are still a lot of challenges and misunderstandings surrounding cryptocurrency. It is still in the early phases of adoption and regulation, and its value is extremely unstable. It is clear that cryptocurrencies have benefits despite a number of challenges, and it is feasible that in the years to come they may become more popular and significant. Whether or whether you choose to invest in cryptocurrencies, it is imperative to stay current on this rapidly evolving technology and any potential consequences.

Microsoft Excel Workshop

By: Alia Afieqa



On 22 nd March 2023, the bureau of multimedia organized an event aimed at introducing foundation students to the use of Microsoft Excel. The event took place at Dewan Seminar A Pusat Konvensyen, Universiti Utara Malaysia and was attended by all foundation students.

Prof. Madya Ts. Izwan Nizal, a lecturer at the Universiti Utara Malaysia's School for Quantitative Science, delivered the talk. He explains about using Excel in a way that begins with basic steps. Also, he had prepared excel files and notes for the students to use throughout the workshop.



The event is informative and engaging, with speaker sharing tips on how to use Excel in a variety of situations. He emphasized the practical applications of Microsoft Excel in daily life and how it is changing the world around us. The programme aimed to inspire the next generation and provide them with the necessary skills and knowledge to excel in this field.

Overall, the event was a success, with excellent reviews from attendees. After the session, the students had a better knowledge of the significance of utilising Microsoft Excel. I hope that more events like this will be held in the future to increase understanding and awareness in this field.





Pre-University Matriculation Innovation Competition 2023 (PIITRAM)

By: Norjuliana Muhamad Fazli

On 18th February, there was a competition among Foundation and Matriculation students toward innovation. This event happened in two forms which were at University Putra Malaysia and via online. This competition was divided into 4 categories which are Science and Technology, Social Science, Academician and Administration. Almost 500 participants from all around Malaysia participate in this competition.

This program shows that students possess critical thinking that can solve problems that occur in our daily life. Due to my experience, I was in the online section, there was a room my group had to enter to show our presentation of our product. There were two judges that watched our presentation and conducted a Q&N session of our product.

The event was a lot more fun because all my teammates were supportive and hardworking with our product. Our product is an app called FOUNDO, which is a donation app for students who struggle with money to buy something important such as books. This app was made to spread awareness that even though there is a classification towards parents' income which is B40, M40 and T20, there are still students that are struggling with money issues. Our judges gave us a good impression towards our product. It was such a cool experience.



That night, the results were announced by the host (UMP). In the end, our group won the gold medal. It's such an honour to get the first experience university competition and won something. I am super grateful to have this opportunity to gain more knowledge about innovation.

SCAMMERS:HOW TO PROTECT YOURSELF FROM THEIR TACTICS

By: Muhammad Ammar Aideeq Azhar

Scammers are individuals or groups of people who use deceptive techniques to trick others into giving them money or personal information. Their methods have become increasingly sophisticated, making it difficult for individuals to detect and protect themselves from their schemes.

The most common types of scams are phishing scams, where scammers send emails or text messages that appear to be from legitimate organizations, such as banks or government agencies, to obtain sensitive information. Another type of scam is the investment scam, where scammers convince individuals to invest money in a fake business or opportunity.

To protect yourself from scammers, it is important to be aware of their tactics. First, be suspicious of any unsolicited emails, text messages, or phone calls. Scammers often use urgent language, like "you must act now" or "your account is in danger," to pressure their victims into making quick decisions.

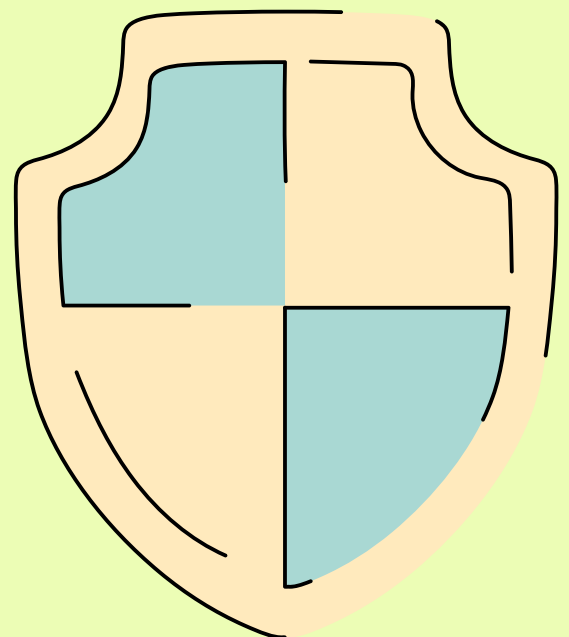
Second, check the legitimacy of any organization that contacts you. Scammers often create fake websites or use fake logos to make their messages appear more convincing. To verify the authenticity of an organization, search for its official website or contact its customer service directly.

Second, check the legitimacy of any organization that contacts you. Scammers often create fake websites or use fake logos to make their messages appear more convincing. To verify the authenticity of an organization, search for its official website or contact its customer service directly.

Third, never give out personal or financial information to anyone you do not know or trust. Scammers often request this information through email or over the phone, and may even pose as a trusted friend or family member.

Finally, if you suspect that you have been targeted by a scammer, report it immediately to the appropriate authorities. This includes contacting your bank or credit card company to alert them of any unauthorized transactions, and reporting the scam to the Federal Trade Commission (FTC) or the Better Business Bureau (BBB).

In conclusion, scammers are a real threat to individuals, and it is important to be vigilant and informed in order to protect yourself from their tactics. By being suspicious of unsolicited messages, checking the legitimacy of organizations, and never giving out personal information, you can avoid falling victim to scams and keep your financial and personal information safe.



SOFTWARES THAT HELPED ME A LOT IN DOING ASSIGNMENT

By: Nur Fatimah Hairul Anuar

Software tools have become an essential part of student life in the digital age. These tools help students manage their time, organize their work, and enhance their learning outcomes. There are a wide variety of software programs that can help students improve their productivity and achieve academic success. As a student in the 21st century, I am fortunate enough to have access to a vast array of software and digital tools that make learning and studying more efficient and effective. In this essay, I will discuss some of the software that has been particularly helpful to me as a student.

One software program that has been particularly useful to me is Canva which is a user-friendly graphic design platform that can help students in various ways. It provides a wide range of design templates and features that can be utilized for academic purposes. Canva offers a variety of pre-designed templates that can be used for various academic projects such as posters, flyers, and infographics. These templates are easy to customize and can be adapted to fit the student's needs. The user-friendly interface of Canva makes it easy for students to modify the templates according to their requirements, without requiring prior design knowledge. Furthermore, Canva allows students to create visually appealing presentations using its templates and design tools. This is especially helpful for students who need to present their work in front of their classmates and lecturers.



So, students can use Canva's design features to create their own custom presentations that fit their unique style and presentation needs.



Some posters that I made using Canva





Another software program that has been helpful to me is Grammarly. This program checks my writing for spelling and grammatical errors, as well as providing suggestions for improving my writing style. It has been particularly helpful when writing essays or research papers, as it catches errors that I might have missed otherwise. Additionally, it has helped me improve my writing skills over time by providing feedback on my writing style. In terms of managing my assignments, Trello has been a lifesaver. This software program allows me to create boards for each of my classes, and within each board, I can create separate cards for each assignment. I can also set due dates for each assignment and assign labels to help me quickly identify which assignments are the most important. This has helped me stay on top of my assignments and prioritize my workload.



Last but not least, the most helpful one is ChatGPT. One way ChatGPT has helped me as a student is by providing them with immediate access to information on a wide range of topics.

As a student, you can ask ChatGPT any question you have, and it will provide you with a detailed and accurate response. This can be particularly helpful when you're studying a topic that you're not familiar with or need more clarity on. Additionally, ChatGPT can also help students with writing tasks. Its natural language processing capabilities allow it to analyze and provide feedback on written work. This can be particularly helpful for students who struggle with grammar, syntax, or style. Moreover, ChatGPT can provide students with access to educational resources they may not have otherwise had. For example, it can recommend relevant books, articles, or online resources that can help students deepen their understanding of a subject. So, this show that ChatGPT has been a valuable resource for students in many ways. Its ability to provide personalized assistance, access to information, and feedback on writing tasks can help students improve their academic performance.

In conclusion, technology has revolutionized the way we learn and study, and as a student, I am grateful for the software that helps me achieve my academic goals. These software programs have been instrumental in helping me succeed as a student. By staying organized, improving my writing, managing my assignments, and studying effectively, I have been able to achieve academic success and feel confident in my abilities as a student. I highly recommend these software to any student looking to improve their organization, productivity, and learning outcomes.

The Use of ChatGPT

By: Nur Salsabilah Saifulnizam

ChatGPT is a large language model developed by OpenAI, based on the GPT-3.5 architecture. It is designed to engage in natural language conversations with humans, and has the ability to understand and generate text in multiple languages.



The development of ChatGPT represents a significant advancement in the field of natural language processing (NLP). One of the key challenges in NLP is developing algorithms that can understand and interpret the nuances of human language, including things like sarcasm, humor, and irony. ChatGPT is able to do this by using a combination of machine learning algorithms and large amounts of training data.

ChatGPT is trained on a vast amount of data, including books, articles, and other texts, which enables it to generate responses that are both accurate and informative. It can answer a wide variety of questions on a range of topics, including science, history, and pop culture.

In addition to its ability to answer questions and provide information, ChatGPT can also engage in more conversational interactions. It has a sense of humor and can tell jokes, and it can engage in small talk with users. This makes it a valuable tool for social interaction, and could potentially be used in a variety of settings, such as customer service or mental health counseling.

Despite its many strengths, there are also concerns about the potential misuse of ChatGPT. For example, it could be used to spread misinformation or engage in harmful behaviors such as cyberbullying. As with any powerful technology, it is important to use ChatGPT in a responsible and ethical manner.



In conclusion, ChatGPT represents a major advancement in the field of natural language processing, and has the potential to revolutionize the way we interact with machines. Its ability to understand and generate text in multiple languages, as well as its conversational capabilities, make it a valuable tool for a wide range of applications. However, it is important to use ChatGPT responsibly and ensure that it is not misused for harmful purposes.

ICA GROUP ASSIGNMENT WAS AMAZING!!!

By: Nur Hatija Ayuni Mohd Azhar

As a computer science student, I recently had the opportunity to work on a group assignment with my fellow classmates. It was an incredible journey that allowed me to not only learn more about the subject matter but also grow as a team player and a problem solver. At the beginning of the project, our group had to decide on a topic that would challenge us and enable us to apply our knowledge of computer science. After much discussion and brainstorming, we decided to focus on building a website that could help students learn computer programming in a more interactive and engaging way.

Each member of the group was assigned specific tasks, and we had to work collaboratively to ensure that the website was functional, user-friendly, and visually appealing. My role in the project was to handle the front-end development of the website, which included designing the user interface, creating animations and graphics, and writing the necessary code using HTML, CSS, and JavaScript. One of the biggest challenges we faced during the project was coordinating our schedules and finding time to work together. We all had different commitments outside of school, so we had to be creative and flexible with our meeting times. We communicated regularly via messaging apps and held virtual meetings when we couldn't meet in person.

Despite the challenges, working as a team was a valuable experience that taught me the importance of effective communication and cooperation. We had to rely on each other's strengths and expertise to make sure that the project was completed on time and to the best of our abilities. Another valuable lesson I learned was the importance of testing and debugging. Throughout the development process, we ran into several bugs and errors that had to be fixed. We had to test and retest the website to make sure it was functioning properly before presenting it to our professor.

Finally, the experience of presenting our project to our class was rewarding. It was a chance to showcase our hard work and demonstrate what we had learned. We received feedback from our lecturer and other friends. It was happy to see them enjoy and appreciate our work. Also, our group got some question from the lecturer and student that was challenging for but luckily we get to answer all of it. In conclusion, while group assignments can be challenging at times, they can also be rewarding experiences. I am grateful for the opportunity to work with my group on this project and look forward to future collaborative experiences.

Introduction to Computer Applications: A Guide for Beginners

By: Ezzah Ruzairy

In today's world, computer applications are an integral part of daily life. From basic tasks like sending emails and browsing the internet to complex tasks like data analysis and programming, computer applications are used to streamline tasks and make life easier. As such, it is crucial for everyone, especially beginners, to understand the basics of computer applications. This article provides a guide for beginners to help them study the introduction of computer applications.

1. Start with the basics

Before diving into the complexities of computer applications, it is important to start with the basics. Begin by understanding the components of a computer system, including the hardware (physical components) and software (programs that run on the computer). This will give you a solid foundation for understanding how computer applications work.

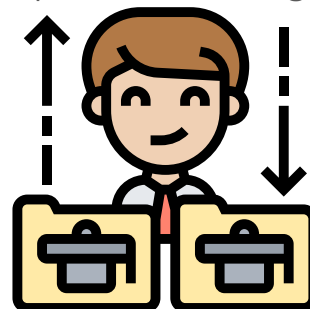
2. Choose the Right Course

There are many different courses available that cover the basics of computer applications. Choose a course that is tailored to your level of experience and interests. Look for courses that offer hands-on experience with popular software programs like Microsoft Office or Google Suite. These programs are used by millions of people around the world and are a great place to start.

3. Learn by Doing

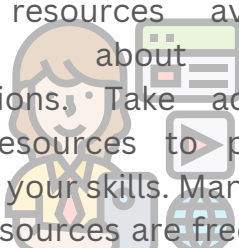


One of the best ways to learn about computer applications is by doing. Use your own computer or find a computer lab where you can practice using different software programs. Try out different functions and features to get a feel for how they work. This hands-on experience will help you understand the concepts more thoroughly.



4. Practice with Tutorials and Online Resources

There are countless tutorials and online resources available for learning about computer applications. Take advantage of these resources to practice and improve your skills. Many of these resources are free and can be accessed from anywhere with an internet connection.



5. Stay Current with the Latest Trends

Computer applications are constantly evolving, and it is important to stay current with the latest trends. Follow tech news websites and blogs to stay up-to-date with the latest developments in the field. Attend workshops and seminars to learn about new technologies and software programs.

6. Join a Community

Joining a community of like-minded individuals can be a great way to learn about computer applications. Join online forums or social media groups to connect with other beginners and experts. These communities can offer support, advice, and feedback on your progress.



In conclusion, studying the introduction of computer applications is an essential skill for anyone looking to succeed in today's digital world. With the right resources and approach, even beginners can develop a solid understanding of computer applications and gain the confidence needed to use them effectively. By starting with the basics, practising with tutorials and online resources, staying current with the latest trends, and joining a community of like-minded individuals, anyone can develop the skills needed to use computer applications in their personal and professional lives. Whether you are looking to pursue a career in technology or simply want to improve your digital literacy, studying computer applications is a worthwhile investment in your future.



BLOCK CHAIN

The Ethics of Blockchain: A discussion of the ethical implications of blockchain technology, including issues of privacy, transparency, and control.

By: Hareez Irfan Mohd Shahrizan

The ability of blockchain technology to securely store and transfer information without the need for a centralised authority is quickly gaining attention. However, it is crucial to think about the ethical implications of blockchain and how it might affect society, as with any new technology.

Privacy is a significant ethical concern with blockchain technology. By encrypting personal data on a distributed ledger, blockchain technology can increase the security of that data, but it can also be used to track and monitor people without their knowledge or permission. It is crucial for creators and users of blockchain technology to think carefully about the privacy implications of their work and to give people's right to privacy a high priority.

Another crucial element of blockchain technology that may have ethical repercussions is transparency. On the one hand, the transparency of blockchain technology has the potential to increase accountability and trust across a range of sectors, including supply chain management and electoral processes.

However, transparency may also result in the disclosure of private information or the targeting of specific people for a variety of reasons. It's crucial to weigh the advantages and disadvantages of transparency in blockchain projects, just like with privacy.

When talking about the ethics of blockchain, control is another crucial factor to take into account. Blockchain technology has the potential to increase individual control and decentralisation while also posing the risk of creating unequal power relationships and a concentration of power in the hands of a select few. In order to prevent potential power abuses, democratic and equitable control structures must be given priority in blockchain projects.

As a result, even though blockchain technology has the potential to revolutionise numerous industries and offer improved security and efficiency, it is crucial to think about the ethical implications of its application. It is crucial for creators and users of blockchain technology to give the defence of individual rights and the advancement of equitable power structures top priority. Privacy, transparency, and control are just a few of the important issues to take into account.



THE JOURNEY

By: Hasan Sajjad Mohammad Noor

On 18th February, there was an innovation competition where all Foundation and Matriculation students in Malaysia competed. The competition is called Pre-University Matriculation Innovation Competition or PIITRAM. The categories were divided into four which are Science and Technology, Social Science, Academician and Administration. All of the participants in UUM were competing under the social science category.

For this competition, me and my group, Ayu, Goh, Syahid and Daniel decided to create an app based on sign-language. Our idea gets a great response from both of our mentors, Dr. Nur Suhaili Mansur and Miss Sarah Abdul Hadi. When our idea got approved, that's the moment where SIGN-SHINE was born. At first, we did some research on some sign language apps. We found out that there's no Malaysian sign language app and that's made us realise that sign language is still not being seen as one way of communication towards the society.

Our biggest challenge while developing this app was the design. Me and Syahid changed the UI a lot of times since we wanted to make the app user-friendly. It's important for it to be user-friendly because we want all the people to enjoy using the app. Next, on the presentation day, we entered a room where we had to present our video and conduct a Q&A session. The session went well and SIGN-SHINE won the gold medal. All of us were very happy since we put a lot of effort into this competition.





Next on 17th March 2023, all athletes from each university were invited to participate in an event that was hosted by the Centre for Foundation Studies, International Islamic University of Malaysia (CFSIIUM). The event is called Sukan Asasi Malaysia or SAM and there were 13 institutions from all throughout Malaysia in attended.

On the competition day, on the first game, me and my partner, Zamir won our match but our team lost to UNISZA with a 3-2 score. Moving on to the next game, our captain, Hadif got injured and couldn't continue the competition anymore. The morale of the team slowly decreased when our captain couldn't continue. In our final game, we faced UM. Before we started our match, some of our friends from volleyball came to give us support. It managed to make us go all out in the final game. Lastly, despite losing all the matches, our manager, Asyikin said she was already proud of us since she have seen us give our best in this tournament.

I think SAM was a great experience since not everyone has the chance to join this kind of competition. All of us enjoyed the closing ceremony before we came back to UUM. Overall, joining these two competitions showed me that experience is the best way to learn something. I learned that in the end, it's not about winning, it's all about giving your best on everything you do and making sure you leave with no regrets.



I also participated in one of the sports there which is badminton. For badminton, they used the Sudirman Cup format where there will be five matches. Me and my team started our training in December 2022. Throughout the training, I can say that all of us have improved a lot day by day and make us feel like we're ready for SAM.



The Importance of Preventing Hacking: A Comprehensive Guide

By: Muhammad Alif Ikhmal Zulkifli

The topic of preventing hacking is an important one, especially in today's digital age where cybersecurity threats are rampant. As such, it is crucial for individuals, organizations, and governments to take steps to prevent hacking from occurring in the first place.

One of the most significant reasons for preventing hacking is to protect sensitive information. Hacking can lead to the theft of personal information, such as credit card details, social security numbers, and other sensitive data. This can result in identity theft, financial loss, and damage to one's reputation. Companies that suffer from a data breach may also face legal consequences, which can lead to hefty fines and damage to their brand reputation.

Another reason why preventing hacking is crucial is to maintain the integrity of computer systems. A successful hacking attempt can result in the installation of malware, spyware, or ransomware on a computer or network, which can cause severe damage. Malware can steal sensitive data, spy on users, and even take control of a device. Ransomware, on the other hand, can encrypt all of the data on a device or network, making it inaccessible until a ransom is paid.

Preventing hacking is also essential to ensure business continuity. In the event of a successful hacking attempt, businesses may have to shut down their systems temporarily or permanently, leading to a loss of revenue and damage to their reputation. In extreme cases, businesses may even have to declare bankruptcy, especially if they cannot recover from the damage caused by the attack.

To prevent hacking, individuals and organizations should take several steps. First and foremost, they should keep their software and security systems up to date. This includes regularly updating operating systems, web browsers, and antivirus software. Secondly, strong passwords should be used and changed frequently. It is also essential to avoid using public Wi-Fi and to secure home Wi-Fi networks with a strong password. Additionally, individuals and organizations should use two-factor authentication whenever possible, as this provides an additional layer of security.

In conclusion, preventing hacking is crucial in today's digital age to protect sensitive information, maintain the integrity of computer systems, and ensure business continuity. Taking steps such as keeping software up to date, using strong passwords, and avoiding public Wi-Fi can go a long way in preventing successful hacking attempts. By implementing these measures, individuals and organizations can reduce their risk of falling victim to cybercrime and safeguard their digital assets.

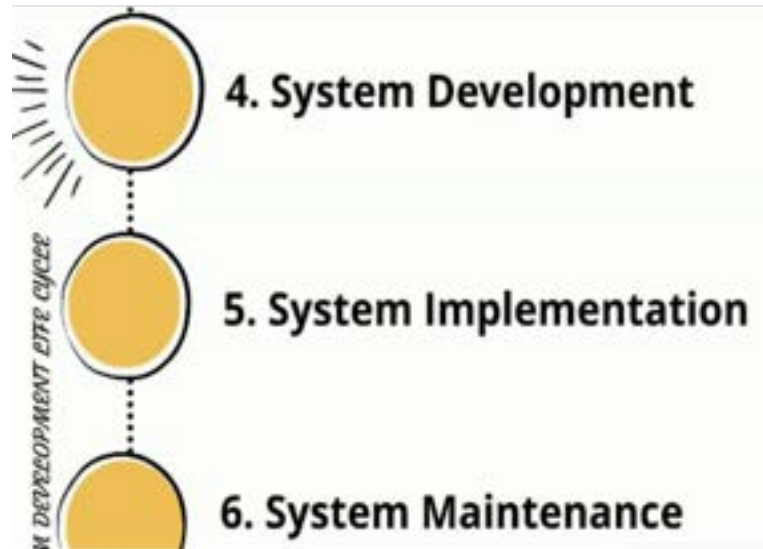
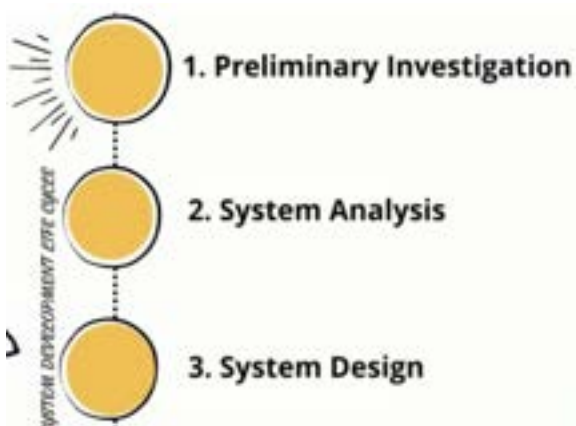
THE ART OF CREATING EFFICIENT SYSTEMS: AN OVERVIEW OF SYSTEM ANALYSIS & DESIGN

By: Sarah Nur Balqis Muhammad Ridhwan Pang

On 21 March 2023, the Foundation in Management students who have taken Introduction to Computer Application course were instructed to do a group presentation based on topics which have been taught in Introduction to ICT in previous semester. There were various interesting issues being discussed and one of them was “System Analysis and Design”.

System analysis and design is a process of examining a business system to identify its components and their interactions, and then creating a blueprint for a new or improved system. This process is crucial for businesses that want to optimize their operations, reduce costs, and improve productivity. For example, laundry that uses QR codes for payment transactions also required the business to do system analysis and design.

There are six steps that need to be followed to perform system analysis and design. The first step is to do a preliminary investigation to determine the need of a business for a new information system. Next, data is collected to be analysed and then new requirements will be decided which are done in system analysis phase. The third step is system design where the system will be designed into a new system or be improved.



Then, the system will be developed and built in fourth phase. After that, the system will be installed to support the intended business functions. Lastly, system maintenance will be conducted which is an ongoing activity that consists of system audit and periodic evaluation. Furthermore, there are also alternatives to the system analysis and design which is also called the system life cycle. The alternatives are prototyping and Rapid Application Development (RAD).

To sum up, system analysis and design is important because it helps to ensure that software systems are designed and developed in a way that meets the needs of users and stakeholders, improves system efficiency, increases system reliability and enhances the user experience.

THE SECRET OF POWERPOINT

By: Sanghita Mayalagan

Last week Thursday, which was April 6, 2023, I participated in a workshop focused on PowerPoint methods and features. This experience significantly enhanced my understanding of PowerPoint. Consequently, I am eager to share my newfound knowledge about its features and proficient usage. Moreover, the workshop also provided valuable instruction on utilizing Canva and Filmora.

A software application called MS PowerPoint is a part of the Microsoft Office package. It is used to create presentations for both private and business use. Multiple other features were added to PowerPoint, which massively increased the requirement and use of this MS Office program, making it a very important topic from the perspective of the examination. Candidates who are preparing for various Government exams will find that MS PowerPoint happens to be a very important topic. PowerPoint presentations can assist in making education more dynamic and draw students towards the modified version of studying as e-learning and smart courses are now widely used as modes of instruction and help students to do creative presentations plus can make them to present.

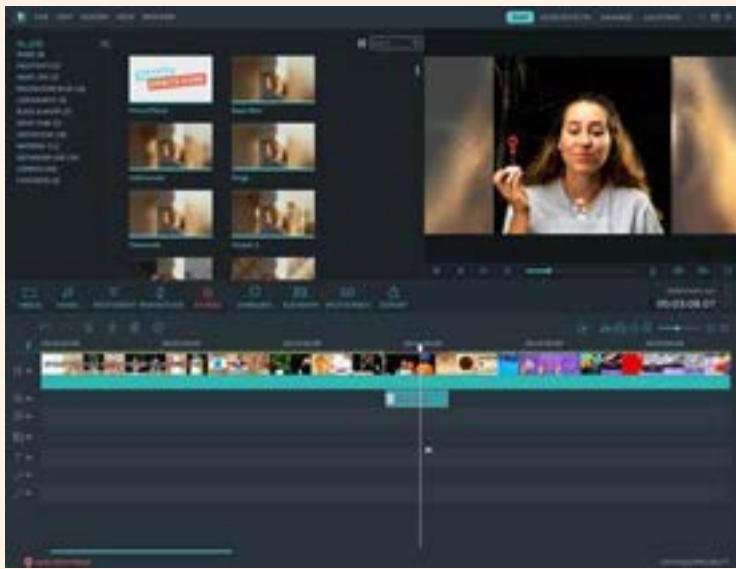
You can highlight particular sections of your current slide using Microsoft PowerPoint animations. While transitions allow you to customize how slides change from one to the next, animation allows you to animate components within your slide. This can significantly affect how a slide is perceived at initial viewing

An image can occasionally convey a thousand words. With that in mind, it is simple to grasp how including visuals in your presentation might help you communicate more effectively than you otherwise could. At least in some instances, this is accurate.



To be honest, the majority of presentations need visuals. They are not only required, but they can occasionally liven up your presentation as well. It can be challenging to always remember what you want to say during a presentation. Even when the slide is right in front of you, this is still true. The notes feature is useful in this situation. You can stay on topic by using them to assist you in recalling what to say for each slide. You can arrange your presentation so that the notes appear on your PC or Mac but not on the presentation itself. Keep in mind that most of the time, those watching the presentation cannot notice this.

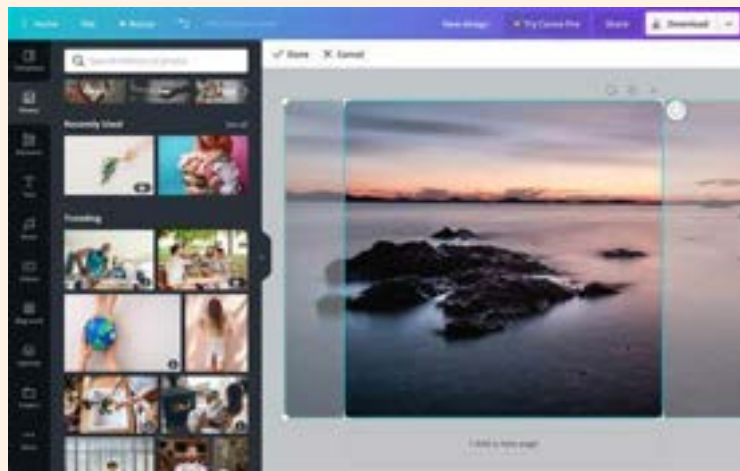
Alternatively, you might also conceal your notes. Once more, what if you want to show only a portion of a movie that you have uploaded to your PowerPoint presentation? Although PowerPoint isn't the next Adobe Premier, it does let you trim videos, remove unwanted segments, and add sound. A simple video editor, that is.



Wondershare created the Filmora family of video editing and production software. Products on Filmora are available for a variety of users, from novices to experts. A timeline, preview window, and effects library are some of Filmora's common features. These may all be accessed and managed using a drag-and-drop interface.

You can design the most interesting courses and lead activities for students in-person or online using Canva for Education. All of Canva's premium features are available for free, and you can access thousands of templates for any topic, grade level, or subject. We can use Canva for any subject, grade level, or topic, choose from thousands of ready-to-use educational templates, use photos, typefaces, videos, animations, and editing tools, create interesting classes and activities.

Furthermore, it seamlessly integrates with popular tools like Google Classroom, Schoology, D2L, Moodle, Blackboard, and Microsoft Teams. Canva presents a valuable resource for students seeking to engage and release creativity, providing a user-friendly platform with extensive design options and compatibility with existing tools.



After attending the informative workshop, I have gained a comprehensive understanding of the points I mentioned earlier. It was an invaluable experience that provided clarity on using PowerPoint effectively. As a result, I now feel confident in my ability to utilize Canva, Filmora, and PowerPoint correctly. Moreover, I am excited to explore the various features available and apply them to create polished and visually appealing work.

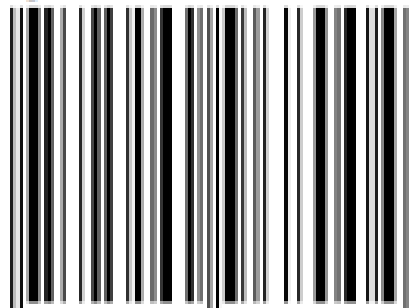
**Institute for Advanced and Smart
Digital Opportunities**



IASDO

Institute for Advanced and
Smart Digital opportunities

eISSN 2990-9686



9 772990 968004