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Preface

Pioneering Educational Perspectives: Series 2025 is a collection of thought-provoking insights and research contributions exploring contemporary educational trends and practices. This eBook presents a diverse range of perspectives on innovative teaching methodologies, digital learning strategies, and transformative approaches in education. Designed to serve as a resource for educators, researchers, and practitioners, it aims to inspire meaningful discussions and advancements in the field. Through carefully curated chapters, this publication offers fresh ideas and practical solutions to enhance learning experiences in an ever-evolving educational landscape.

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TAXATION ESCAPE ROOM: INNOVATING EDUCATION WITH INTERACTIVE TOOLS FOR MASTERING EMPLOYMENT INCOME

Suzana San^{1*}, Nik Zam Nik Wan², Syuhaila Razak³, Siti Nor Adawiah Hussin⁴ & Azilawati Abdullah @ Abd Aziz⁵

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ABSTRACT

The subject of taxation often presents significant challenges due to its complex statutory and regulatory issues. Students frequently struggle with understanding Malaysian tax law because of its complicated nature, frequent updates, and specialized legal terminology. In today's rapidly evolving educational landscape, leveraging digital innovation to enhance the teaching of employment income in taxation is crucial. Implementing interactive technologies in Taxation 1 at the university level represents a progressive approach to education. The objective of these interactive tools and resources, students can understand difficult tax concepts more effectively and engage more deeply with the subject matter, making the learning process more accessible and interesting. To solve these problems interactive tools such as infographics illustration and interactive quizzes and games approach are implemented. Infographics illustration can provide clear and visual explanations of employment income concepts. Assessment methods, such as practice exams and peer reviews, ensure that students can measure their progress and receive constructive feedback. By integrating interactive quizzes and games, students can explore various tax scenarios and strategies, deepening their understanding through active participation rather than passive learning.

KEYWORDS: Taxation, Employment income, Infographic illustration, Interactive quizzes, Games

PROBLEM AND OBJECTIVE

Traditional approaches to tax education often fail to effectively engage students and build practical understanding, despite the importance of employment income in taxation for accounting students. Hu (2024) identified that several drawbacks of the traditional classroom model, including reliance on a single teaching method, lack of real-world connections, inadequate emphasis on developing perceptual skills and neglect of students' active involvement in learning. Consequently, classroom instruction and static resources may not provide sufficient hands-on experience or adequately address the complexities of tax issues, making it difficult for students to to apply their theoretical taxation knowledge when answering final examination questions. The objective of these interactive tools and resources is to help accounting students better understand complex tax concepts and increase their engagement with the material, thereby making the learning more enjoyable and accessible. The use of infographics and various technological tools allow educators to create more diverse, impactful and engaging learning experiences that can foster active learning (Jaleniauskiene & Kasperuniene, 2022).

DESIGN DESCRIPTION

All accounting students are required to pass the Taxation 1 course, which includes a topic on employment income. However, students often struggle with this topic due to the complexity of tax law, leading to lower performance in the course. To solve these problems interactive tools such as infographics illustration and interactive quizzes and games approach are implemented. The following steps outline the process involved:

Step 1

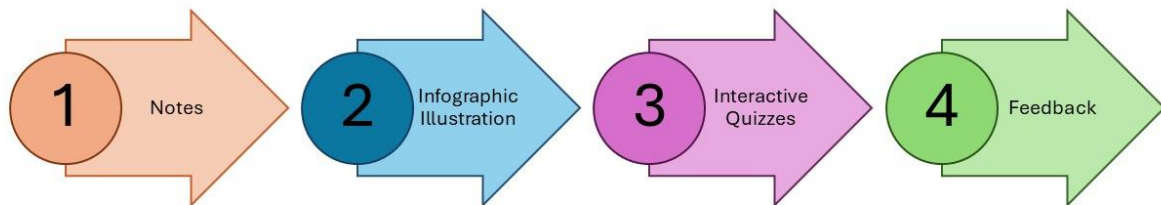
Transfer notes to infographics illustration. Infographics break down complex information into visually appealing and easily digestible presentations, making it easier for students to grasp key concepts of employment income. By using infographics, lecturers transform traditional notes into engaging, effective and easy-to-understand resources.

Step 2

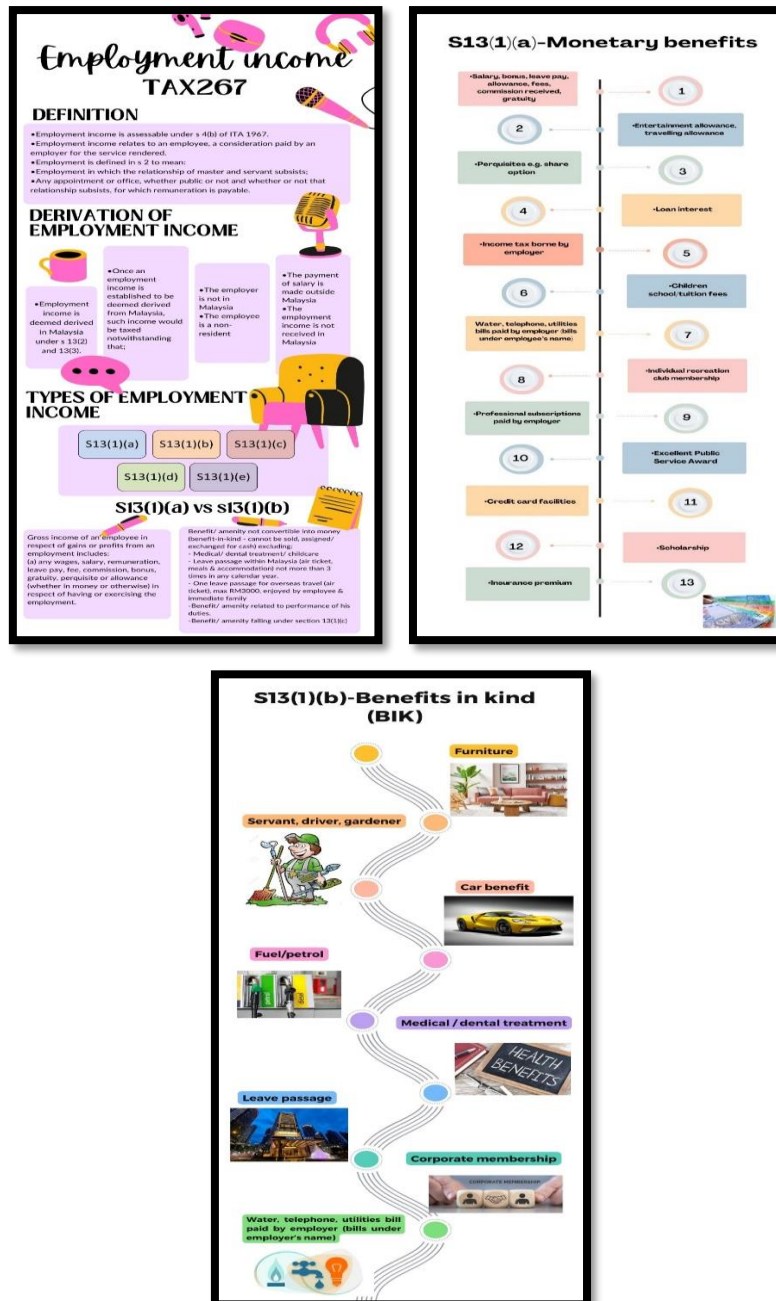
Design interactive quizzes and games. Interactive quizzes and games encourage active participation, prompting students to engage directly with the material, thereby enhancing comprehension and retention. These tools provide immediate feedback, helping students recognise and correct their mistakes promptly, which reinforces learning. By designing interactive quizzes and games, educators can create a more engaging, personalized and effective learning experience that supports students' academic success.

VISUALS

The following is a summary of the step-by-step process for creating infographics illustration and interactive quizzes and games:



**TAXATION ESCAPE ROOM: INNOVATING EDUCATION WITH
INTERACTIVE TOOLS FOR MASTERING EMPLOYMENT INCOME**



Infographic Illustration

NOVELTY AND UNIQUENESS

Traditional approach to teaching Taxation 1 course often relies heavily on textbooks and the public rulings issued by Inland Revenue Board of Malaysia (IRBM). Lecturers deliver content through lecture notes, explaining tax concepts and using various assessments to evaluate students' understanding of the topics. However, these methods tend to make students passive learners and the heavy reliance on textbooks can lead to boredom and disengagement. To address these limitations, the combination of infographics illustration and interactive quizzes and games as teaching aids can accommodate different learning styles, making lessons more effective and improving students' grasp of complex tax concepts. The infographic illustration can simplify complex tax concepts related to employment income, making them easier to understand, which helps to capture students' attention and facilitate quick learning. The quiz games related to employment income were designed to enhance students' understanding of the

topic. These interactive quizzes and games transform passive learning into an active experience, fostering deeper engagement with complex tax laws. The instant feedback provided by these tools allows students to quickly identify areas for improvement. These methods are significant for teaching employment income, a topic often perceived as tedious and overly technical.

BENEFITS TO MANKIND

Interactive tools for teaching Taxation 1 provide several benefits that enhance the learning experience for accounting students. Infographics simplify complex tax laws into easy-to-understand visuals, improving retention and helping students grasp employment income concepts more effectively. By combining visual and textual elements, these tools boost memory retention, allowing students to retain information longer than those relying solely on textbooks. Bontisesari, Suseno and Barus (2022) found that the use of infographics stimulates students' creativity and motivation, thereby enhancing the student learning experience and digital literacy. Additionally, integrating interactive quizzes and games into lessons creates a more relaxed environment for students, encouraging active participation without the stress associated with formal assessments. Silva, Rodrigues and Leal (2021) found that gamification is increasingly emerging as a powerful and innovative educational tool that enhances student motivation and engagement throughout the learning process. The researchers highlighted that gamification positively impacts student motivation, thereby improving the overall quality and outcomes of learning. These interactive tools make tax lessons more engaging, ultimately enhancing students' understanding and better preparing them for final examinations.

COMMERCIAL POTENTIAL

The commercial potential of interactive tools in higher education is significantly driven by the growing demand for engaging learning resources. Lecturers are increasingly looking for interactive aids to improve student understanding and engagement, especially in Taxation courses. These tools simplify complex tax concepts, making them more accessible and appealing to a broader audience. The shift toward online and hybrid learning environments has accelerated the adoption of digital tools in education. Interactive resources such as infographics illustration, interactive quizzes and games, enhance online courses by providing a more dynamic learning experience compared to traditional methods. Additionally, these tools enable the development of digital learning platforms and e-learning content subscriptions, helping universities and lecturers deliver more effective and engaging Taxation courses.

CONCLUSION

In conclusion, integrating infographic illustrations and interactive quizzes and games provides universities with a valuable opportunity to transform traditional methods of teaching Taxation 1 through digital tools. Taxation courses are often frequently viewed as challenging due to their tax complexity. By leveraging these interactive tools, lectures can create a more dynamic and engaging learning environment that aligns with the demands of the digital era. This approach has the potential to enhance students' understanding, retention, and engagement, thereby contributing to improved performance in the examination.

REFERENCES

- Bontisesari, Suseno, M. & Barus, I. R. G. (2022). Enhancing students' learning experiences using infographics-based materials and tasks. *International Seminar Linguistics, Literature, Culture and Arts Studies*, 84-95.

- Hu, J. (2024). The challenge of traditional teaching approach: A study on the path to improve classroom teaching effectiveness based on secondary school students' psychology. *Proceedings of the 2nd International Conference on Social Psychology and Humanity Studies*, 213-219.
- Jaleniauskiene, E. & Kasperuniene, E. (2022). Infographics in higher education: A scoping review. *E-Learning and Digital Media*, 1-16. Retrieved from <https://www.researchgate.net/publication/361416082>
- Silva, R., Rodrigues, R. & Leal, C. (2021). Games based learning in accounting education – which dimensions are the most relevant? *Accounting Education*. 1-29. Retrieved from <https://www.researchgate.net/publication/349580013>