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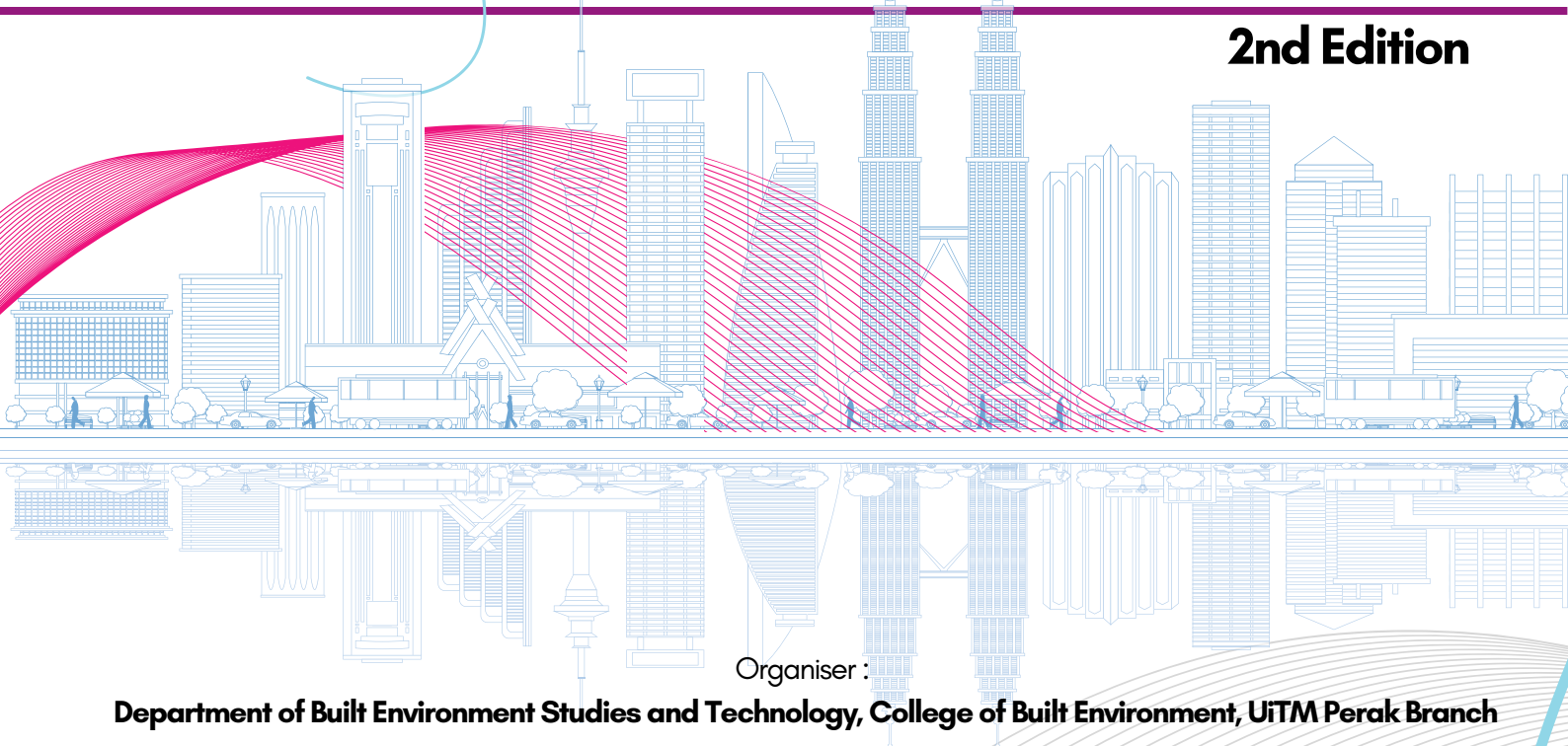
Cawangan Perak

e - Proceedings



Proceeding for International Undergraduates Get Together 2024 (IUGeT 2024)
"Undergraduates' Digital Engagement Towards Global Ingenuity"

2nd Edition



Organiser :

Department of Built Environment Studies and Technology, College of Built Environment, UiTM Perak Branch

Co-organiser :

INSPIRED 2024. Office of Research, Industrial Linkages, Community & Alumni (PJIMA), UiTM Perak Branch

Bauchemic (Malaysia) Sdn Bhd

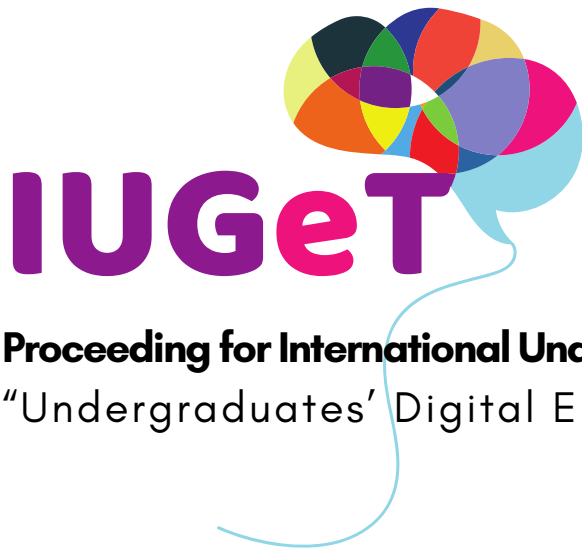
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DEBCRET2go!

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Abstract

SDG 4: Quality Education emphasizes transparency and accountability in achieving sustainable development goals. Double-entry accounting is a fundamental accounting principle that enhances transparency by ensuring accuracy and completeness in financial reporting. **DEBCRET2go!** is an innovative application designed to enhance learning experiences beyond traditional classroom settings. By addressing a broad spectrum of educational needs, including K-12 education, higher education, and professional development, DEBCRET2go! offers several benefits that align with SDG 4: Quality Education. This apps also ensures that financial resources are managed effectively and that educational initiatives are reported accurately, ultimately supporting the successful achievement of sustainable development goals.

Keywords: *quality education, transparency, accountability, sustainable development goals, financial reporting*

1. INTRODUCTION

New students may struggle with understanding basic accounting concepts such as the accounting equation, double-entry bookkeeping, or the purpose of financial statements. Usually, students memorise the basic accounting concepts instead of understanding the subject. Students may focus on memorisation to perform well on exams, where quick recall of concepts and formulas can be more immediately rewarding than deep understanding (Chen & Huang, 2022). This is because double-entry accounting requires that every transaction be recorded in at least two accounts, which helps in maintaining a clear and accurate record of financial activities. This transparency is crucial for organizations working toward SDGs, as it ensures proper tracking and reporting of funds used for sustainability projects. Mobile apps that utilize double-entry accounting can provide detailed financial records, making it easier for organizations to demonstrate how funds are allocated and spent, thus supporting accountability in SDG-related initiatives. There is a growing trend among students to use their mobile device to access teaching and learning (T&L) applications. According to Garcia and Patel (2022), mobile learning can improve educational outcomes by allowing for more flexible learning alternatives and encouraging continuous interaction with learning resources. A feature that helps students understand the subject matter is color-coding in the DEBCRET2go! app. Therefore, the purpose of the DEBCRET2go! app is to enhance students' learning and retention of subject matter in order to improve their performance.

2. FEATURES

Progress Tracking: Apps often include features for tracking student progress and performance over time.

Multimedia Integration: Educational apps can integrate multimedia elements such as images, audio clips, and videos to enhance understanding of complex topics.

Flexibility and Accessibility: Apps can be accessed anytime, anywhere, offering flexibility in learning schedules and accommodating diverse learning environments.

Real-time Feedback: Apps often provide immediate feedback on quizzes and assignments, allowing students to identify areas of strength and weakness promptly.

Interactive Learning: Applications can include interactive elements such as quizzes, simulations, and games that engage students actively in the learning process.

2.1 Traditional teaching VS 21st century teaching

Traditional teaching and 21st-century teaching represent two distinct approaches to education, each with its own methods, goals, and technologies.

Traditional teaching frequently employs a teacher-centered method, in which the instructor leads the learning process while students passively absorb knowledge. Typical methods include lectures, rote memorizing, and standardized testing (Smith & Jones, 2021). While for 21st century teaching takes a learner-centered approach that emphasizes collaboration, critical thinking, and problem solving. It promotes active learning through project-based assignments, conversations, and technological integration (Wilson & Johnson, 2021).

2.2 Traditional Teaching

- **Lecture-Based:** Emphasizes direct instruction where the teacher lectures, and students passively receive information.
- **Textbook-Centric:** Reliance on textbooks and printed materials as the primary source of knowledge.
- **Rote Learning:** Focuses on memorization and repetition of facts and concepts.

2.3 21st-Century Teaching:

- **Student-Centered:** Emphasizes active learning where students engage in discussions, problem-solving, and hands-on activities.
- **Technology-Enhanced:** Incorporates digital tools and resources like interactive whiteboards, online databases, and educational apps.
- **Critical Thinking:** Focuses on developing skills such as analysis, evaluation, and synthesis rather than rote memorization.

2.4 Target Users

- Students taking of basic accounting concept (UITM students).
- Self-learners interested in learning this subject.
- Educators can use this apps to teach or enrich this subject.

3. CONCLUSION

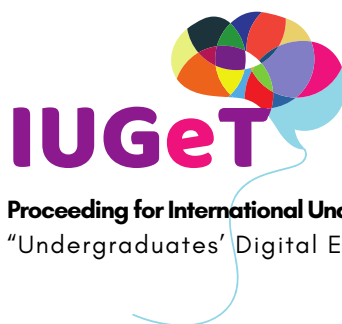
In conclusion, mobile apps namely DEBCRET2go! app.! is a game-changing instrument for education. By enabling learners to interact with instructional content whenever and wherever they choose, they improve accessibility. Personalized learning experiences meet the needs of each learner, and interactive aspects increase engagement and retention. Mobile applications have grown to be a crucial part of contemporary teaching and learning practices because they facilitate continuous learning and provide a wealth of resources, increasing the flexibility, effectiveness, and engagement of education.

4. REFERENCES

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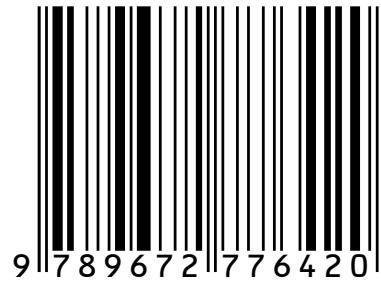
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