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PIONEERING EDUCATIONAL PERSPECTIVES

Series 2025

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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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LEARNING MOTIVATION APP

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ABSTRACT

The Learning Motivation App was created by a group of lecturers from the Civil Engineering Studies Centre with purpose as a tool to assist students by sustaining their motivation to succeed academically. The development of this application is based on an understanding of the educator's role and the importance of motivation in learning. The program built on the App Inventor platform and supports a variety of observation mediums including sight and hearing which to increases students' internal motivation as an incentive for them to study hard and focus on learning. Students must be motivated and concentrated throughout the study time, as losing their learning focus in any semester will have an impact on their overall academic performance. This application not only focuses on effective learning but also incorporates spiritual themes. The A.D.A.B. and ESI-iDART models are also utilized as application content guides. The application's primary screens are the ‘semakan kendiri pembelajaran harian’ and ‘semakan kendiri ibadah harian’. Other displays provide an access to motivation materials. An effort in student development and intended to be widely used in the future to drive Education 5.0@UiTM.

KEYWORDS: Learning. motivation, application, academic perform, student development

PROBLEM AND OBJECTIVE

There is no doubt when a student enrols in a higher education institution, he or she must be committed to attain outstanding academic results in order to compete in the workplace in the future (Dacre Pool & Sewell, 2007). This goal can be reached if students study hard and learn consistently. However, students' lives are exposed to different difficulties such as finances, outside influences and so on throughout the study period, which affects motivation and causes students to lose concentration on learning. Motivation serves as an encouragement to maintain consistency in learning. Motivation is the process of awakening, directing, and maintaining behaviour toward a goal in which no action had previously taken (Deci & Ryan, 2000). In other words, intrinsic motivating variables such as desire, or a person's desire and drive to study in order to attain their goals, must exist in the learner (Pelletier et al., 2001). Students must be motivated at all times in order to continue learning and improve their academic performance. The primary issue for educators in meeting the desired learning objectives is to optimize student learning. Optimizing student learning entails creating a learning environment that can assist students change their existing knowledge, skills, beliefs, attitudes, and habits (Rafiola et

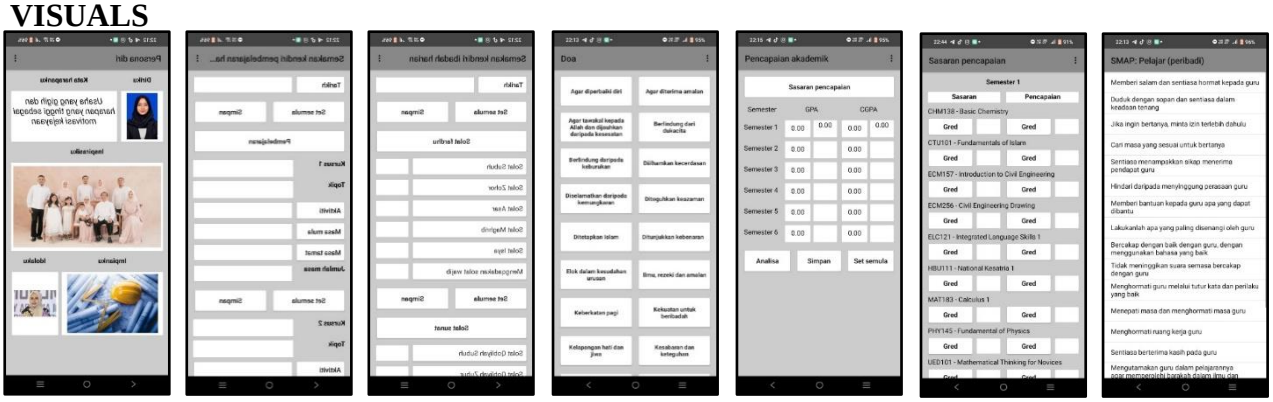
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al., 2020). Educators merely serve as facilitators, allowing students to participate actively and responsibly in the learning process (Sulistiyarini & Sukardi, 2016). As a result, there must be a mechanism that serves as an interaction between educators and students during the teaching and learning process, ensuring that students are always motivated under the instructor's guidance.

DESIGN DESCRIPTION

The development concept for this application is to serve as a one-stop source of motivation with the goal of providing numerous media to sustain and improve student motivation at the highest level. According to the development philosophy, if there is a learning motivational mechanism that is easy to access, refer to, and complete, a student who uses it to its full potential will be encouraged to study hard and stay focused in order to achieve. The ADDIE approach, which includes the phases of analysis, design, development, implementation, and evaluation, was modified for the development of this application. Students enrolled in higher education institutions are the target users. This application serves as a self-checking application, and active use of it will boost students' motivation. Table 1 summarizes the details of this learning motivation application.

VISUALS

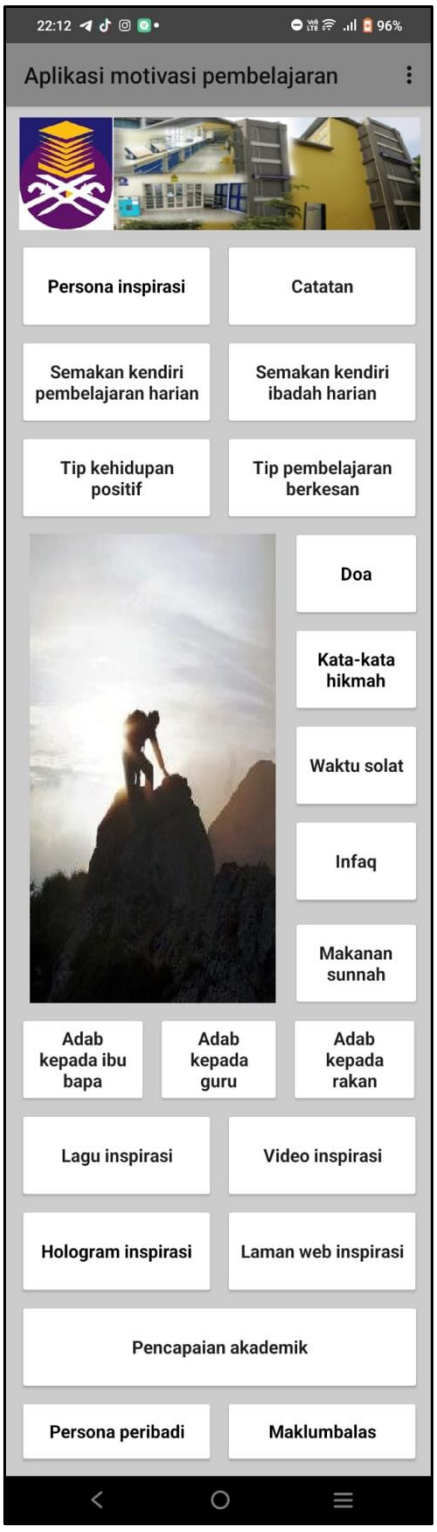


NOVELTY AND UNIQUENESS

The novelty and uniqueness of this application is that it combines different medium of observation, such as sight and sound to promote intrinsic self-motivation. In addition, spiritual components are used to provide additional guidance such as Islamic supplications and reminders to encourage self-improvement even further. Students do not need to seek for self-motivation resources from multiple sources because this application provides all of them.

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Table 1: Main screen of Learning Motivation App



Screen	Function
'Persona inspirasi'	Display own photos, inspirational and motivating photos as well as inspirational quotes
'Catatan'	Record experiences and memories throughout the study duration
'Semakan kendiri pembelajaran harian'	Record daily learning activities
'Semakan kendiri ibadah harian'	Record daily ibadah deeds
'Tip kehidupan positif'	List of advice to lead a positive lifestyle
'Tip pembelajaran berkesan'	List of advice on how to study effectively
'Doa'	Prayer list in life
'Kata-kata hikmah'	List of advice motivational quotes from well-known and successful person
'Waktu solat'	Daily prayer time according user location
'Infaq'	Link to donation to legal and trusted agencies
'Makanan sunnah'	List of preferred food according to teaching of Prophet Muhammad SAW
'Adab kepada ibu bapa'	List of advice with regards to importance of respecting your parents
'Adab kepada guru'	List of advice with regards to importance of respecting your lecturers
'Adab kepada rakan'	List of advice with regards to importance of respecting your friends
'Lagu inspirasi'	List of inspirational songs
'Video inspirasi'	List of inspirational videos
'Hologram inspirasi'	List of inspirational holograms
'Laman web inspirasi'	List of inspirational webpages
'Pencapaian akademik'	Saved academic achievement records
'Persona peribadi'	Saved personal inspirational and motivating photos as well as inspirational quotes
'Maklumbalas'	Send feedback and suggestion to administrator

BENEFITS TO MANKIND

Motivation is an internal trigger that drives a person to do something. The only difference between humans is their level of motivation. This application will serve as a self-motivator for students to maintain a positive attitude in learning. This positive attitude will motivate them to

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focus on academic success throughout their studies. In other words, this application assists students to be motivated and focused on their studies in encountering obstacles and hurdles.

COMMERCIAL POTENTIAL

The application is simple to use and user-friendly which suit the need of students at institution of higher learning in the country, whether public or private. Future change can be on the graphic user interface (GUI) to make this application localized and compliant with educational institutions. All the records are saved in the user's mobile phone storage, the operation of this program is low-cost due to consuming minimum capacity of storage, and it can be downloaded for free, making it commercially viable for different range of users.

CONCLUSION

A student's motivation will easily shift because of the surrounding environment, whether it towards positive or negative behaviour. When students are not motivated, they refuse to learn and become less productive in learning process. Thus, this has an adverse impact on academic achievement due to declining interest in learning and studying. Given that the duration of study at a higher education institution lasts 3 to 5 years, implying the students must be fully committed during their education, thus required students' self-motivation support in all situations. The Learning Motivation App was created with the goal in assisting students in their academic pursuits by encouraging them positively and boosting their motivation.

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