

Abstract

Covid 19 pandemic outbreak since 2019 causes new norms that affect many sectors directly and indirectly. Knowing of this dangerous outbreak, which is fatal to life, many new inventions and improvement of the business and educational process to accomplish routine works. Since the introduction of virtual classroom using online platform such as Webex, Google Meet etc. quickly eases the burden of lecturers and students to continue the delivering and sharing knowledge. However, at the end of semester new problem aroused, resulted due to no physical and face-to-face class, academic process such as assessments and examinations, document management of students' evaluation become a new problem because it cannot be submitted through hard copies as usual. Thus, Institute of Continuing Education & Professional Studies (ICEPS) proposed a new idea in managing the confidential documents such as LE15s, assessment marks, PLOs and examinations using a new platform. iCEPS through its Distance Learning Department and Information Technology Services Division joint together to develop an online system named as an exam System to cater the problem in managing and handling securely, effectively and efficiently the confidential and sensitive information and documents of students' assessment marks and answer scripts. The system was launched on 14th July 2021, the system is deemed to satisfy and meet the requirements of the end-users from academicians and administrators in its accessibility and user-friendliness.

Introduction

iEXAM System Product ID 45

iEXAM System is the integrated system able to provide the structured reports to the management of the examination, it also provides access to the examiners in accessing and storing the examination records at highest security levels. The system will store the records of LE15, assessment marks, examination marks and students answer scripts in PDF format, later the examiner can retrieve the records easily using their designated account any time at anywhere, without fear of losing the records and delay in meeting the timelines.



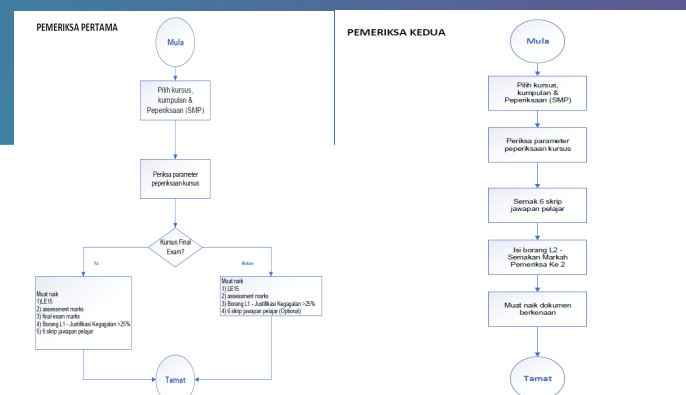
Methodology

iEXAM System development is based on System Development Life Cycle

Product Description

The iEXAM System is fully developed by a good team works between 2 departments of the Distance Learning Department and ICT Department in , this is due to preparation of managing and storing all the confidential examination records and documents from examiners. The examiner will access the system and upload all the required records and documents in PDF format, and later the system admin will monitor the progress of files upload to the system, and in certain cases the second examiners will also can view and reevaluate students answer scripts to moderate the marks given by the first examiners.

Methodology/Workflows



Significances

The development of iEXAM System is based on users' requirements, thus it signifies the need of a system that can manage, process and store confidential examination documents and records. Avoiding traditional ways of delivering confidential documents using email and physical delivery that would cause delay and information leaking, that will cause problems to many parties. By deploying the iEXAM system it will speed up the process and at the same time the System administrators can monitor the progress and secrecy of the documents and records.

Novelty

The iEXAM System is the first of its kind in UiTM and nationwide, this is an innovation of a new method, idea, product, developed by a team of System Developers, programmers and office administrators uniquely contribute to come out with a state-of-art Online system

Award and Publication

The iEXAM System is a new system , launched on 14th July 2021 and yet to publish any formal publication or join any competition except for publication of User's Manual which can be accessed at https://iceps.uitm.edu.my/images/iceps/manual_guideline/iexam_manual_16072021.pdf. The system has gained confidence and support from majority of examiners as end users where some of the give 5 stars to the system and suggest the system to be implemented to the whole UiTM system.

Shariah Compliance

Abu Huraira reported Allah's Messenger Prophet Muhammad ﷺ as saying:

"He who alleviates the suffering of a brother out of the sufferings of the world, Allah would alleviate his suffering from the sufferings of the Day of Resurrection, and he who finds relief for one who is hard-pressed, Allah would make things easy for him in the Hereafter..."

Thus it is no doubt the iEXAM system is Shariah compliance product since it ease the burden of many people.

