Convocation

UMP the first public university in the country to use Blockchain Technology for cert validation for its 2,773 graduates

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Universiti Malaysia Pahang (UMP) became the first public university in the country to use Blockchain technology for UMP Valid8 - a new application to validate the authenticity of graduation certificates.

It would benefit the 2,773 of its graduates who received their scrolls during the university's 13th Convocation Ceremony held on November 10 and 11, 2018 at the Gambang Campus Sports Complex.

According to UMP Vice-Chancellor, Professor Dato' Dr. Daing Nasir Ibrahim, UMP Valid8 was an application to validate the authenticity of certificates based on the QR Code.

"Each certificate is equipped with a unique QR Code to ascertain the authenticity of the graduate's certificate. By scanning the QR Code, it will display the graduate's photo, full name, academic programme and year of graduation.

"The QR Code itself will be a network of confidential data record, a data storage system that contains all information of the graduate, using the Blockchain Technology.

"The system is developed to function as a record storage on the education information of UMP graduates. This mobile application can validate the authenticity of a degree using the QR Code embedded in the certificate. All their data is stored in the blockchain form that cannot be hacked or forged," he said.

Likewise, UMP also introduced the convocation e-book, in a move to support the green practise and in line with the using of technology to facilitate parents, graduates, students and members of the public to get quick information on the convocation.

The convocation e-book can be accessed via UMP Konvo application with 4.0 version for Android user and 8.0 version for iOS user.

The e-Book uses applications with access of Android (version 4.0 and above) and iOS (version 8.0 and above).

This pilot project was conducted by IBM Centre of Excellence that has the IT expertise, together with UMP Alumni and Faculty of Industrial Management (FIM) that has the expertise in supply chain.

There are also plans to explore the potentials of Blockchain technology to develop the halal supply network management system as well as to design the halal industry's technical system for commercial prospects.

This application can be further extended into the National Institute of Higher Learning and other university and industrial partners in Malaysia and abroad.

With this kind of expertise, UMP is in the position to offer its services in Blockchain Certificate Authentication to any institutes and agencies.

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