Project title:

**Blockchain Document Verification**

Abstract:

Imagine number of documents produced by one organization per day and imagine number of organizations in your city. Today’s style of working with documents is different in terms of technology used to transfer between them. Blockchain is one of the most powerful techniques to verify documents by making each organization units and each organization nodes in the network. In this project the objective is to create a smart contract between different nodes and then make a document verified by the whole network to prevent copying it.

Learning outcome

If you can develop the required system you will be able to:

Write a document on a given project to be used for developing a system.

Design a system on a predefined document.

Develop decentralized application.

You are working on the most recent technology in the field of the decentralized database.

Construct a database

Improve system security.

Using network techniques in a real project.

Requirements

Basic knowledge of Linux

Basic knowledge of IBM Cloud Tools and IBM Blockkchain Platform

Good level in Java language or any other development language like PHP or C#.

Good level in a database and especially MySQL database.

Basic level in Artificial Intelligence and Information Security.