Blockchain based computing: application on a marketplace

Responsible:

Dimitris Kotzinos Dimitrios.Kotzinos@cyu.fr

Recently more and more applications are built based on Blockchains. Besides financial applications, nowadays blockchains are used in application ranging from online shopping to online exchanges of messages and in principle in every application where guaranteeing the security and integrity of online transactions is of high concern.

In this project, we propose the construction of a digital marketplace, where the availability and security of transactions is of high importance, using blockchains in order to store and analyse the data concerning products and users. For this, we need to build a storage infrastructure based on blockchains and on top of that analytical functions including ones based on Machine Learning, Data Mining and other analytical algorithms.

So, the idea is to build a complete online system based on blockchains that can support the needs of modern business for data storage, secure transactions and data analytics