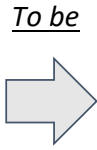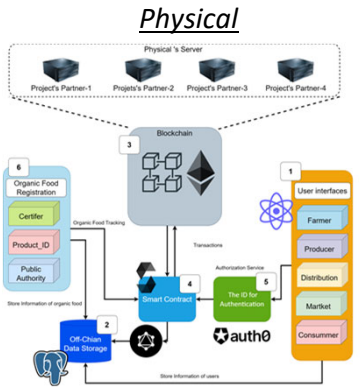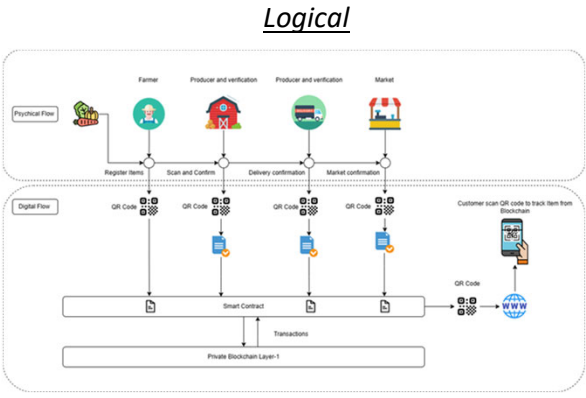# Project Title: An Organic Food Tracking by using Blockchain in Lao PDR

Introduction :

Organic food production is a potential industry in Laos and our neighboring countries. Moreover, organic food's supply chain issues are becoming more global over time. The dependence on trust in third party operations, ethics in production, transportation, to name a few areas, is evident. Stamps and documentation, IT-systems, certificates, food origin, mixing of food, the use of chemicals etc. are areas where fraud or ignorance can create problems on a large scale. At worst, it can cause health problems, even deaths. ICT for food has mitigated some of these challenges but there are still a lot of problems. Integration costs remain high, there is still a lot of undetected fraud, pesticides, and transparency levels are insufficient to comply with the current and future demands of consumers and other vendors. A new area of technology, the blockchain, can potentially solve many of the remaining problems for food transparency and control. This research focus on organic food tracking by using blockchain.

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