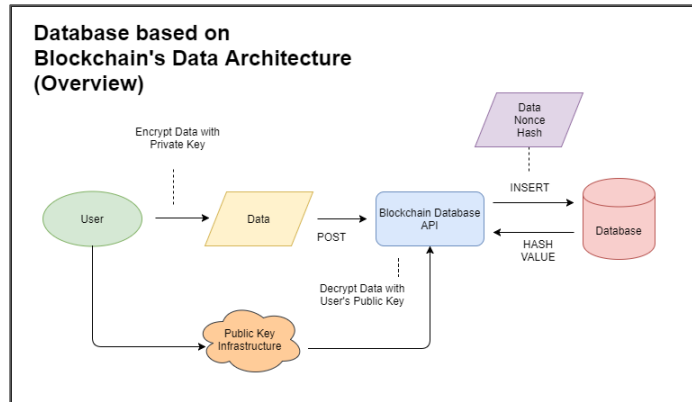
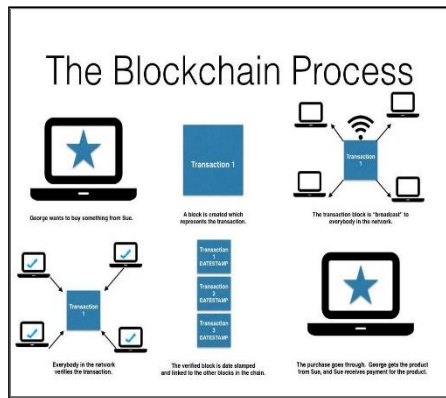


## CASE STUDY

**Project: Blockchain Development**

**Customer: Leading Software and services company, Europe**



### Requirement

The client – a leading software and services company that provides desktop Geographical Information Systems – had contracted AABSyS to develop a decentralized system for the maintenance of animal farm mapping data. As a first step of the solution, AABSyS has delivered a pilot project which was approved by the customer, before proceeding to the detailed project.

### Solution Offered

The solution broadly involved the following:

- Development of a responsive web application based on blockchain data model:
  - Building of 5 nodes (users) to access the application through public IPs
  - Assignment of accessibility to nodes based on the roles and permissions granted
  - Ability to export the data from the blockchain into json, Excel and dB formats
  - Implemented adding a point, line geometry on a map through a blockchain data model
- Development of an Administrative Interface
  - Ability to add new users
  - Option to edit permissions of existing users
  - Management of master data in relational database

### Technology used

AABSyS has used the following technologies for the successful execution of this project:

- Open Source / Microsoft .Net Platform and 3rd Party Open Chain Frameworks
- Blockchain Databases – MongoDB, BigChainDB

### Customer Advantage

- The customer now has a decentralized system of management of animal farms despite the fact that there are multiple stakeholders
- The client appreciated the work done at AABSyS as the deliverables were provided in a time bound, cost effective manner. An extensive quality assurance procedure ensured delivery of flawless deliverables