

Project Title: Dex Invention Kenya (DexKE)

Short Description: The Dex Invention Kenya (DexKE) project is a project to create a decentralized invention application that citizens will be able to self-register their inventions and patent them using Blockchain and Smart Contracts (tokenization). The DexKE will also have a web and mobile application that will allow users to register their inventions, track the status of their patents, and connect with other inventors.

Problem: Many inventions in Kenya are never patented or copyrighted, which leaves them vulnerable to being stolen. The DexKE will help to protect these inventions by providing a simple and affordable way for inventors to register their work using blockchain technology and Smart Contracts. Additionally, the DexKE's web and mobile applications will make it easier for inventors to connect with each other and share ideas.

In Scope: The following features will be implemented in the first phase of the project:

- Create a decentralized invention application
- Register early inventions by citizens
- Patent inventions using Blockchain and Smart Contracts
- Develop a web and mobile application for the DexKE
- Promote the DexKE to inventors across Kenya and educate them on the technology which can also be used off-grid

Risks:

- Lack of funding: The DexKE will require funding to develop and maintain as Ethereum smart contract fees are very high at the moment, so it is possible that the project will not be able to raise enough money.
- Lack of participation: It is possible that inventors will not be interested in registering their work with the DexKE as it is a decentralized entity where you will be transacting using cryptocurrency.

- Competition: There are Centralized organizations registered by the government that offer patent and copyright registration services, so DexKE will need to compete with these organizations.
- Technology : Blockchain Technology and Smart Contracts (tokenization) being an emerging technology many are not familiar with it.

Benefits:

- The DexKE will help to protect inventions from being stolen through blockchain smart contracts technology (tokenization).
- The DexKE will help inventors to get the recognition they deserve for their work.
- The DexKE will help to boost the Blockchain and Smart Contracts technology in Kenya.
- The DexKE's web and mobile applications will make it easier for inventors to connect with each other and share ideas.

Next Steps:

- Conduct a feasibility study to determine the best way to implement the DexKE.
- Develop a business plan for DexKE.
- Raise funding for the DexKE.
- Launch the DexKE in Kenya.