**Project Proposal**

**[Identification using blockchain]**

**Table of Contents**

[1 Executive Summary 2](#_Toc132962948)

[2 Background 2](#_Toc132962949)

[2.1 History 2](#_Toc132962950)

[2.2 Requirements 2](#_Toc132962951)

[2.3 Solution 3](#_Toc132962952)

[3 Proposal 3](#_Toc132962953)

[3.1 Vision and Goals 3](#_Toc132962954)

[3.2 Deliverables 4](#_Toc132962955)

[3.3 Timeframe 4](#_Toc132962956)

[3.4 Resources 5](#_Toc132962957)

[3.5 Ownership 6](#_Toc132962959)

[3.6 Reporting 7](#_Toc132962960)

[3.7 Risks & Issues 7](#_Toc132962961)

[3.8 Success Criteria 8](#_Toc132962963)

[3.9 Authorization 8](#_Toc132962964)

[4 Appendix 9](#_Toc132962965)

[4.1 Supporting Documentation 9](#_Toc132962966)

# Executive Summary

Identification and credentials are easier for everyone to work with when they’re digital: vaccination cards, academic qualifications, occupational licenses, employee ID and more. But this highly personal information must remain private and secure.

Governments, businesses and educational institutions are turning to blockchain as a proven way to enable a secure and trusted infrastructure and improve services.

This will be achieved with the help of blockchain and using smart contracts and then making valid id’s of every person

It would aim at providing better validity iver identification id’s that could be used anywhere and will also limit stealing of provate data of every individual.

# Background

## Requirements

Problem

Companies often collect sensitive information about their users and store them alongside less-sensitive routine business data. This creates new business risks with the rise of user privacy-centric regulations such as GDPR and the shifting industry focus to corporate IT responsibility.

Business opportunity

Digital ID is [expected to contribute greatly to economic growth](https://www.mckinsey.com/business-functions/digital-mckinsey/our-insights/digital-identification-a-key-to-inclusive-growth?cid=other-soc-lkn-mip-mck-oth-1904&kui=Ot3A9C44EH3WroolkNzZcA) worldwide over the next 10 years, and it is considered inclusive since it benefits individuals largely while stimulating economic activity for the global market.

## Solution

When the data will be available on blockchain it would not be stealed by the companies and most important thing the value which should be given to every information will be granted and will restrict the usage of false id’s

This requires blockchain technology which will have blocks of every individual and will be legitimate and canot be hacked that will save ebery person data.

# Proposal

The existing identity management system is neither secure nor reliable. At every point, you are asked to identify yourself through multiple government-authorized IDs like Voter ID, Passport, Pan Card, etc.

Sharing multiple IDs leads to privacy concerns and data breaches. Therefore, the blockchain can pave the path to self-sovereign identity through decentralized networks, which assures

***“Blockchain Identity Management offers a decentralized and secure solution that puts users back in control via a distributed trust model”***

.

## Vision and Goals [Optional]

We aspire to improve the world’s identification system.This step would lead to identification on blockchain containing digital id where the private and confidential details will not be visible and their identity could be verified easily which will be valid at every place in country.

It would also decrease the false proof identification which could easily be purchased anywhere and having valid id’s in country would be beneficial for the government too

## Resources

In order for your sponsor to approve the Project Proposal, they will want to have an understanding of the number of resources required to undertake it. Complete the following table which sets out the generic resources including *people*, *equipment* and *materials* needed to undertake the project. These are only generic figures to give the Project Sponsor an idea of the level of resourcing required to finish the project.

* Configuration of resources (Hardware / Software)
* Add more columns as required like Software versions, Hardware configuration etc.

|  |  |
| --- | --- |
| **Type** | **Notes** |
| Blockchain | A blockchain is a distributed ledger with growing lists of records (blocks) that are securely linked together via cryptographic hashes. |
| Web development | Web development is the work involved in developing a website for the Internet (World Wide Web) or an intranet (a private network). |
| Ethereum | Ethereum is a decentralized blockchain with smart contract functionality. |

## Ownership

|  |  |
| --- | --- |
| **Role** | **Name** |
| Project Sponsor | KIET group of institution |
| Project Customer | People |
| Project Manager | Hemant,Hariom,Mayank,Anand |

## Risks & Issues

|  |  |  |
| --- | --- | --- |
| **Project Risks** | | |
| **Risk** | **Details** | **Likelihood** |
| **Asset ownership risks** | [list here] | [list here] |
| **Auditability Risks** | [list here] | [list here] |
| **Governance and controls risks** | [list here] | [list here] |

|  |  |  |
| --- | --- | --- |
| **Project Issues** | | |
| **Issue** | **Details** | **Impact** |
| Proof of identity | easier for a group of criminals to enter blockchain with different devices | Less treat of identification theaft |
| Proof of stake | With people over 50% of asset in blockchain control the blockchain |  |
| scalability | Larger the blockchain grows more vulnerable it gets |  |

## Success Criteria

Benefits with blockchain identification is that it is audible,traceable and verifiable in few seconds.Individual can create their profile and control data sharing.

Issuers easily connect with others andprovide instant verification.

Blockchain-based digital ID is based on the principle of self soverign identity (SSI), whereby users can share selected information with vendors or service providers instead of their entire identity

## Authorization

This is the section in which your Project Sponsor will authorize the project if they want it to be initiated. If the project is authorized, then you have done a great job in completing this Project Proposal!

|  |  |
| --- | --- |
| **Project Sponsor**    Name:  Position:  Date: \_\_ / \_\_ / \_\_ | **Customer**    Name:  Position:  Date: \_\_ / \_\_ / \_\_ |

# Appendix

## Supporting Documentation

Provide any documentation you believe supports this Project Proposal. It may be:

* Company history
* Research materials
* Statistics or estimates
* External quotes or tenders
* Detailed cost / benefit spreadsheets
* Other relevant information or correspondence. ©

[Include your content here]