

# Final Report – Individual Report

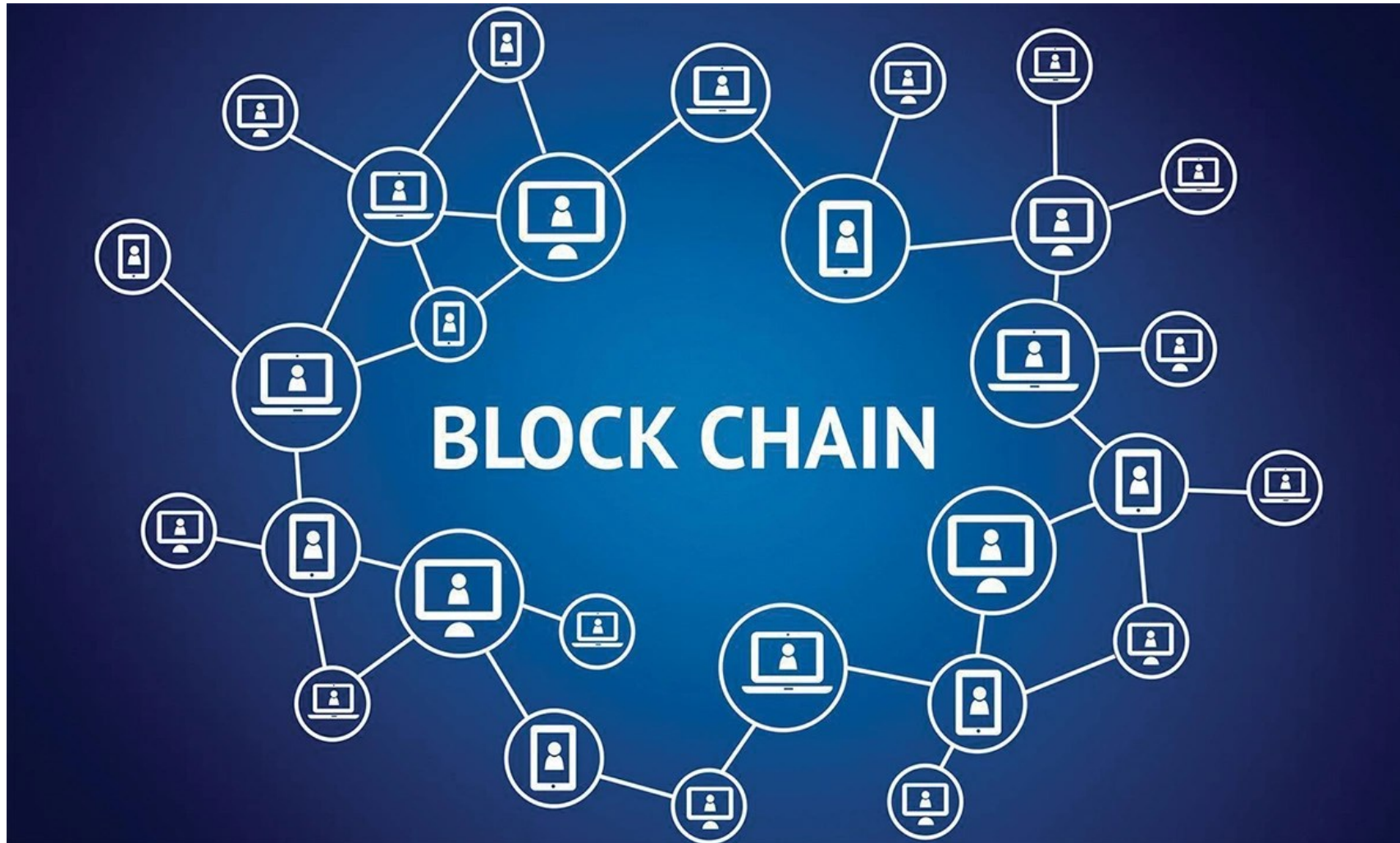
**Identify a core information technology to solve an unmet medical need**

**Up to **Three pages** A4 report with following format**

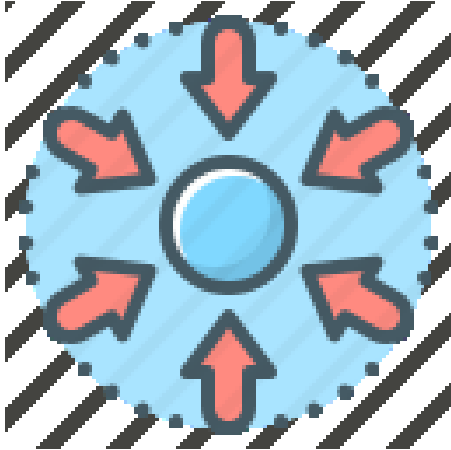
1. Identified a key information technology
2. Unmet medical need
3. Potential solution
4. Expect change in clinical healthcare

**Report in either Chinese or English with font size of 12 and single space**

# Core Information Technology



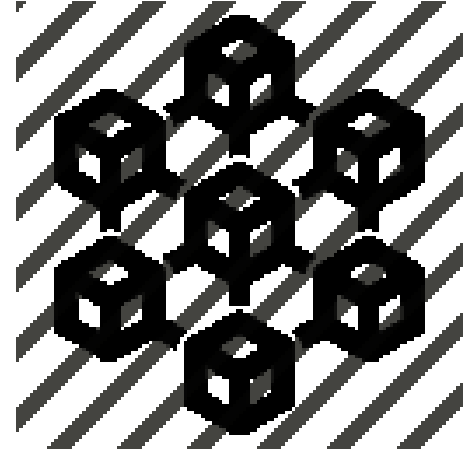
# Unmet Medical Need



中心化的疫苗通報和接種系統常發生傳輸時效以及資料不一致的問題



COVID19疫苗資訊需要一個**可信任**的平台



區塊鏈技術解決資料一致性及分散式同步需求

# Potential Solution



## 可信任平台

保障隱私，形成檢疫資訊透通及最可以信任的平台



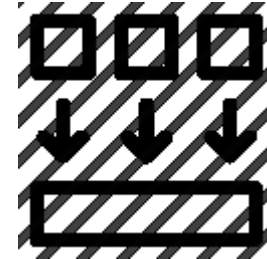
## 可協作平台

從民眾，檢疫站，檢驗室，醫院各單位均可在此平台運作



## 追蹤管理

追蹤檢疫流程  
追蹤檢測者數據



## 一般化

平台可彙整各種檢疫資訊

快速導入及運作

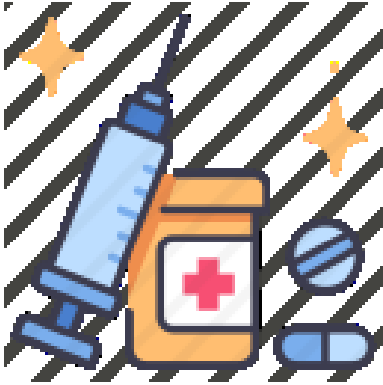
具擴充性，包含資訊管理



## 大數據分析

可建立疫苗及接種大數據及AI模型，為公衛及疫苗研發提供最完整的可信任之應用分析的資訊

# Expected Change in Healthcare



## 接種大數據

接種比例及趨勢

不良反應通報



## 健康大數據

疫苗接種後之

健康數據追蹤

抗體效價追蹤



## 管理大數據

疫苗儲存冷鍊數據  
管理與智慧化應用

COVID流感化  
每年疫苗資訊預測

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**Due Date: Jan 7, 2022**

**Please upload report to E3 platform**