East Asia Modern Slavery Blockchain Network

A Data Management Plan created using DMPonline

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Template: Global Challenge Research Fund Pump Priming

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Project abstract:

The goal of the project is to encourage anti-slavery organisations to use the blockchain distributed ledger technology to make their communication and sharing of intelligence more efficient. As the number of organisations joining the blockchains increases, and as the coverage of the geographical regions widen, the more effective and the more powerful the communication and sharing of intelligence become in the anti-slavery movement. At UoM, this work has given rise to the creation of a charity, Enduring Net, dedicated to promoting such cause started with active discussions with the Greater Manchester Police (GMP) in the development of a prototype in the last 18 months. A previous round of GCRF pump priming money enabled this work to be presented to a number of potential partners in Delhi, from which we have established several strong links. The current project aims are: • To establish further links with anti-slavery organisations in other parts of India and three other countries in Asia, viz Thailand, Malaysia, and Bangladesh; • To develop connections with local organisations, in East Asia, with expertise relating to blockchain. To achieve these, we propose to collaborate with the Mekong Club and Diginex. Whilst they are both Headquartered in Hong Kong, over 90% of their work is based in ODA developing countries in Asia. Moreover the Mekong Club-Diginex collaboration has already led to the deployment of blockchain to enhance transparency in migrant labour contracts (cf. eMin, https://www.eminproject.com/about/). The Mekong Club and Diginex have extensive and relevant contacts within each of the ODA countries listed above (see Table 1 on page 3) and will help to organise the workshops. We are joined by the Survivor Alliance (https://survivoralliance.org/), who will represent the victims of modern slavery in this consultative process and in the co-design of the blockchain solutions.

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Manchester Data Management Outline

- None of the above
- Yes - Part of a collaboration and not handling data
- Generate textual supporting information only

using simulated cases.

Question not answered.

- 1 - 8 TB
- No
- 0-4 years
- No sensitive or personal data

No applicable

- Not applicable
- Not applicable
- Not applicable
- No

Myself, PI

2019-07-24

Project details

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[1] While Modern Slavery remains a worldwide scourge, the ILO (2017) estimated that over half the population exposed to modern slavery was within South Asia and the Pacific. The Global Slavery Index estimates that, as proportions of the population, Thailand is at 23rd and Malaysia 42nd. India and Bangladesh are given importance by their vast populations, e.g. India alone is reckoned to have nearly 8 million victims.

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There is no data use in this project, which is about blockchain design. The data management, data sharing, and data security on the blockchain is the main focus of the project itself.

Responsibilities and Resources

No applicable as we do not have data. PI (Ser-Huang Poon) will be responsible for for such matter.

The budget required is for runing workinshops and meetings with potential users and stakeholders of blockchain.

Data Collection

Only simulated cases of modern slavery.

only artificial cases are used.

Documentation and Metadata

No applicable

Ethics and Legal Compliance

No applicable. NDA among consortium members.

Active discussionwith UMIP and Research and Business Engagement Support Services.

Storage and backup

No applicable. The simulated cases will be stored on University hard drives

No applicable. Simulated data is not protected.

Selection and Preservation

only simulated data is used in testing the system

No applicable. No need to store/preserv simulated data

Data Sharing

No applicable. Could share simulation rules.

No applicable