

Infnote: Blockchain-based  
discussion forum

# Structure

Part	Leader	Detail	Members
Code	Zhao Yancheng	Blockchain	Lin Liyang, Zhao Cai
		P2P network	Thomas, Li Yilin
Paper	Zhang Haoqian	Survey	Abhishek

# Blockchain

- Multi chains
- Chain Owner Operations
  - Buffer (mem pool for messages)
  - Add message(s) to a block
  - Drop message(s)
- Chain User Operations
  - Verify/add new Block

# P2P Network

- Implement it in python
- Obfuscation packages
  - Is WebSocket a good solution? Better solutions?
  - Shadowsocks, v2ray
  - *The Random Forest based Detection of Shadowsocks's Traffic*
    - <https://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=8048116>
  - Write a short report

# Paper

- Internet Censorship
  - Overview (current situations around the world)
  - Censorship Methods (technical and non-technical)
  - Categories of Internet censorship (technical points of view)
    - Little or None Internet Censorship
    - Selective Censorship (block small portion of contents)
    - Substantial Censorship (block large portion of contents, using black list)
    - Pervasive Censorship (using white list, for example Iran, impossible to use VPN)
    - No Internet (For example, North Korea)
- Citation (bibtex)