GIB
FUNCTIONAL REQUIREMENTS

System Inputs

- Gifter info
  - Source - Gifter
  - Accuracy - High accuracy
- Receiver info
  - Source - Link from Gifter
  - Accuracy - Low accuracy (for MVP)
- Content location
- Funds
- Funding Info
- Unit of Content
  - Types
    - Time
    - Articles
    - Cash
    - Participation
- Cryptographic verification

System Outputs

- Activation of Content
  - Source - Content Creator
- Disbursement of Funds
  - Source - Gib "wallet"

Data Formats

- JSON
- Protocol Buffers

- IPv4 Packet

Software Interfaces

- Web browser
- Wallet
- Share UI
- Cloud

Protocols

- Interledger
  - Handshake
  - Asymmetric key
  - BTP
- gRPC - keep in mind
- WebRTC - keep in mind

User Performed Tasks

- Share
- Access content
- View amount of access remaining

System Performed Tasks

- Authentication
- Authorization
- Confidentiality
- Interledger mgmt
- Fund mgmt (add/subtract)