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A blockchain-powered timestamping and certification platform allowing you to prove the existence, integrity, and ownership of all your documents

## What does Ancur do

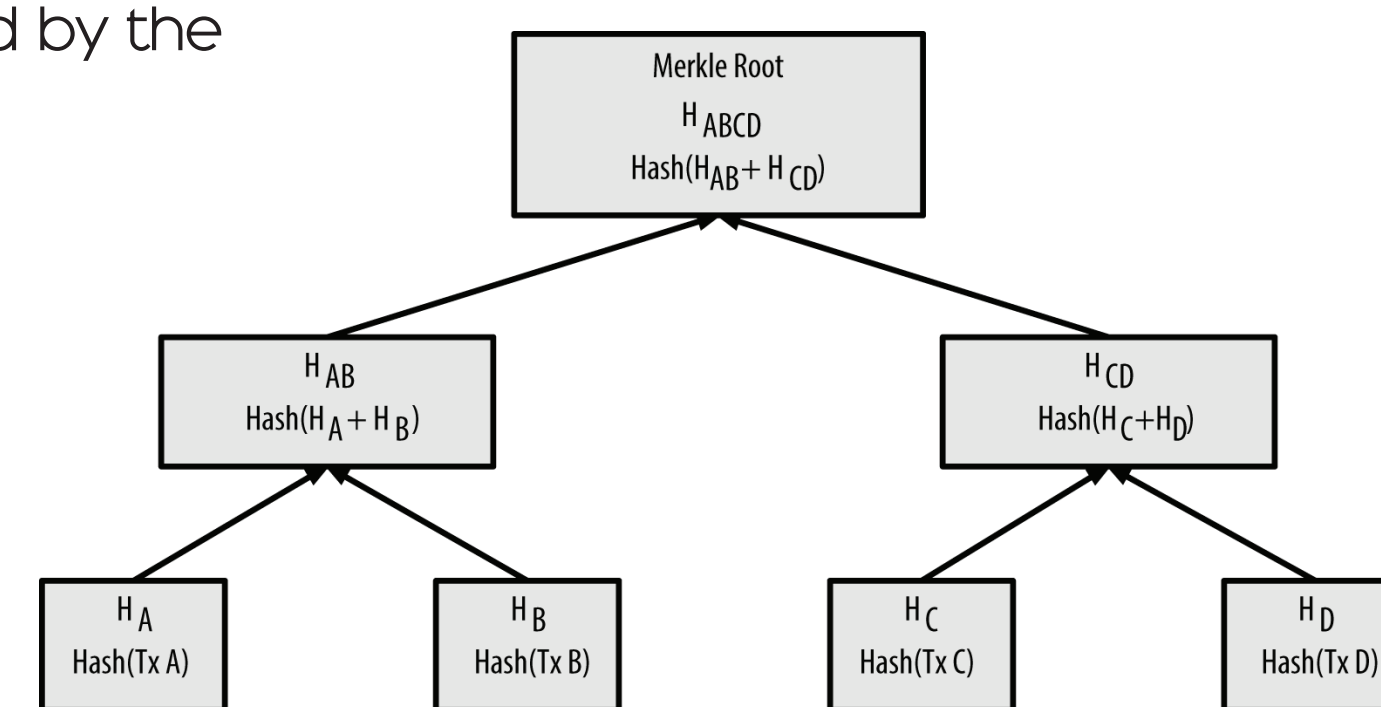
### Stamp Documents

- Use Ancur to embed unique hashes of your document into the Ethereum and Bitcoin blockchains
- Ancur's **stamping** feature will give you a **receipt** containing all the necessary data to prove the existence and integrity of your stamped document
  - Stamp Id
  - Stamp Hash
  - Time when the document was stamped
  - Estimated time for the different receipt types (ethereum and bitcoin) to be ready for retrieval



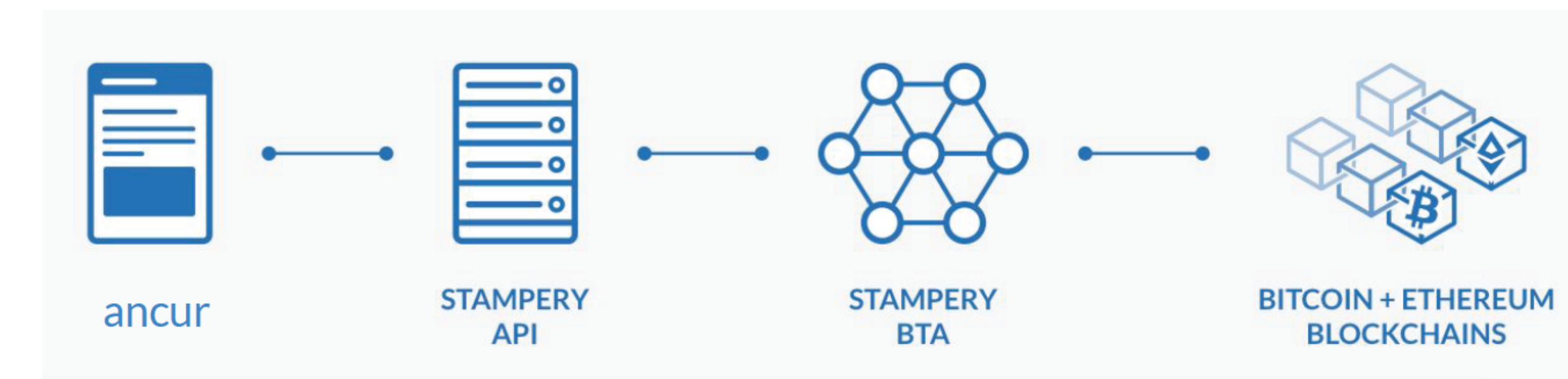
### Prove Receipts

- Once you've stamped a document, you can **prove** that your stamped document's **receipt** is **valid**
  - If your receipt is valid that means that the file from which the hash was calculated existed by the time the stamp was made
- Ancur also allows you to view your stamped document's Bitcoin and Ethereum receipts. Each receipt will contain:
  - Stamp Id
  - Stamp Hash
  - Merkle Root
  - Bitcoin and Ethereum Anchors



## How does Ancur do It

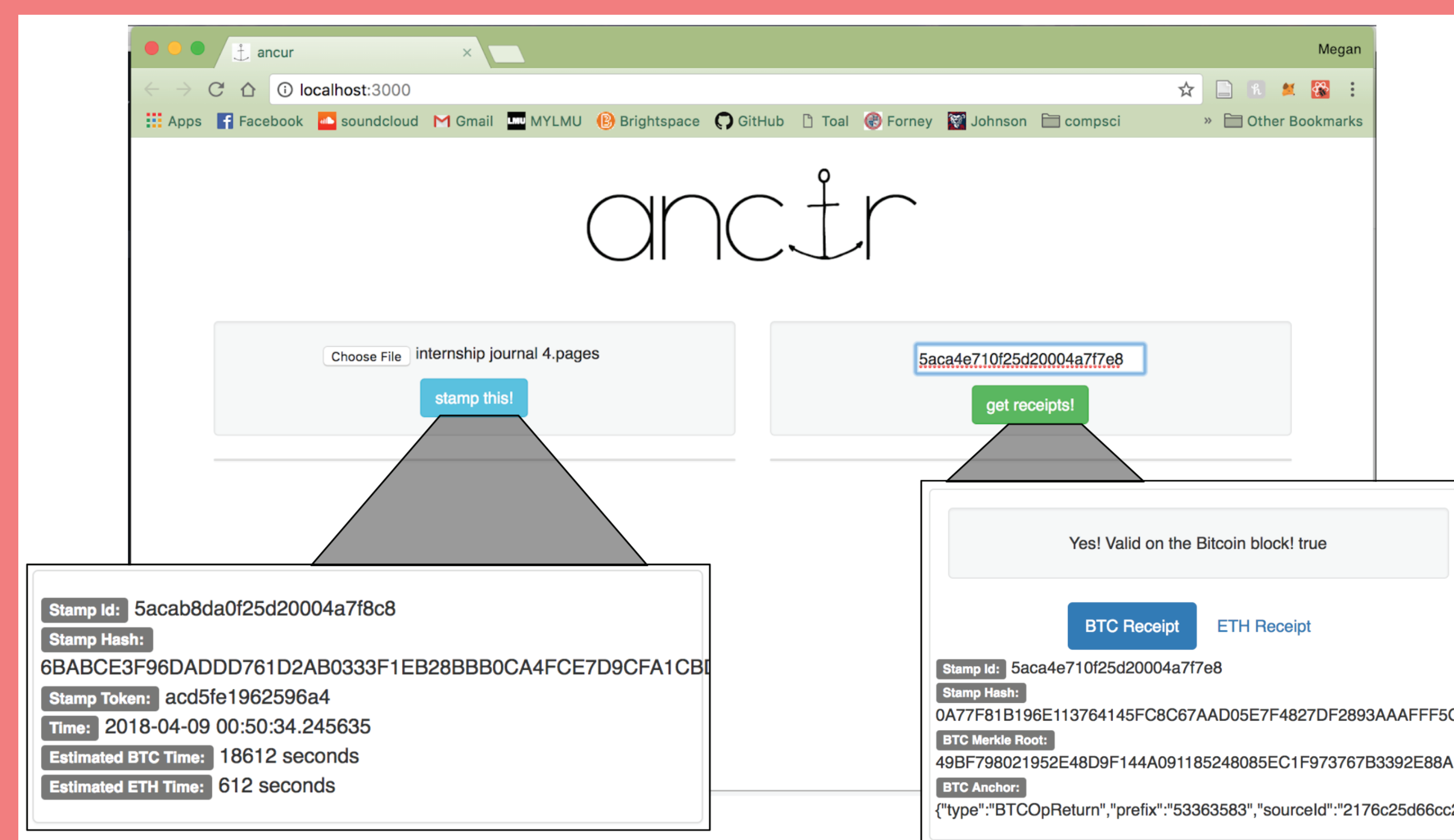
- Each stamp connects every single stamped hash to a transaction contained in the next Ethereum and Bitcoin block
- This means that Ethereum receipts take ~30 seconds on average to be generated, while Bitcoin only take ~5 minutes
- Stampery's Blockchain Timestamping Architecture aggregates all hashes received between one transaction and the next one by putting them inside a Merkle tree and then broadcasting the result of the aggregation—the Merkle root
- This allows Stampery to include millions of hashes in every transaction at a fraction of the cost and without losing the immutability properties of public blockchains



## Why was Ancur Built

- Demonstrate to companies one of the many ways to effectively utilize blockchain technologies
- Provide secure proof of existence and ownership of documents
- Gain a better understanding of blockchain technology
- See a future in blockchain technology
  - Security
  - Verification
  - Decentralized peer-to-peer network

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## The Future of Ancur

- Migrate away from the Stampery API
  - Avoid their pricing plan which will start at \$0.10 each stamp.
- Convert application to use Ethereum's solidity or EOS
  - Utilize smart contracts
- Implement a database
  - Create user accounts
  - Allow users to save receipts within their account on the application
- Store an encrypted version of the document on the Ethereum and Bitcoin blockchains