User A shares file to storage

Node A

Access Web interface

Upload file

Read file and compute digital signature

Add file and metadata to Node A's local storage

Read file and compute digital signature

Create CRDT update message

Broadcast update over the network

Node B

Receive update message

Apply update to Node B's local storage

User B views file and metadata

Node C

Receive update message

Apply update to Node C's local storage

User C views file and metadata