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# Proposal

**Client**
Eternitas

**Proposal name**
Private Blockchain Implementation

**Date**
2018.12.03

# MVP PROPOSAL

MVP Solution ("will" documents management blockchain product implementation).

## CORE LAYER

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**Customer dashboard (basic design, front-end & back-end):**

- Registration with basic profile information (name, surname, age).
- Login via email.
- Will document (pdf) upload to the AWS S3 storage (encrypted bucket).
    - List of emails provided that shall receive password to the document.
- My will documents list.
- Ability to open the document with personal code (or other person identifier) and document password for external user.

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**NEM Public Blockchain as a core back-end, tamper-proof storage.**

- Account generation for the user (private key generation would happen on the browser, user would have to store the passphrase OR for the MVP purposes could be stored on the central server).
- "Will" mosaic creation.
- "Will" mosaic transfer with metadata and hash of the document to the account.
- Ability to verify document hash on the Blockchain.

*Please note, that mosaic creation and transfer costs will be covered by the platform wallet.

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**Timeline: 3-5 weeks, price: 7.800 EUR.**

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# ADD-ONS

Admin dashboard (basic design, frontend + backend):

◆ Registration management. Confirm / cancel registration.
◆ Will management. View a list of all wills on the platform.

Timeline: +1 week, price: +1300 EUR.

IPFS as a document storage:

◆ Upload of a file to IPFS testnet.
◆ Ability to download the file from IPFS.

*Please note that IPFS is work in progress and it might take up to few years untill they have a stable version

Timeline: + 1 week, price: +800 EUR.

Crypto currency or other single payment gateway integration (e.g. Bitpay, Coingate, Stripe):

◆ Before the upload, user is redirected to payment gateway to make a payment.
◆ On the successful payment user is allowed to proceed with the document upload.

*Please note that IPFS is work in progress and it might take up to few years until they have a stable version

Timeline: + 1 week, price: +1200 EUR.

● Depending on the payment gateway might take faster / longer

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User KYC documents upload (must go together with the admin dashboard):

- During the registration process requirement to upload the KYC documents.
- In the admin dashboard ability to confirm / cancel user registration based on the KYC documents provided.

Timeline: + 1 week, price: +600 EUR.

# GENERAL REMARKS

- ◆ Deployment costs, server costs (preferably AWS), NEM mosaic creation costs shall be covered by the client.
- ◆ End delivery include source code (github repository) given to the client and solution deployed to the AWS.
- ◆ Later-on platform support rate is billed on time and material basis.
- ◆ Final invoice due to be paid before the ownership transfer of the platform.
- ◆ Advance payment is applicable for every service separately, the amount of advance payment is 50% of the total value of the service delivered.
- ◆ This offer is valid for 30 calendar days.