**Autorfy**

**Frontend Backend Meta**

Go

Hyperledger(Blockchain)

& SmartContracts

HTML & Jquery

Javascript

Node.js

WCF

SqlServer

C#

payment gateway

Vuforia

Unity

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| Element | Rol | Componet Description | Status | License |
| HTML, Jquery & Node.js | MIT License (open)  Programming language and toolkit that we use for the marketplace and registration works | The application will have a website (HTML & Jquery) in which the works are recorded in this process the blockchain | Under development  estimated date  Month 1-2 | OPEN SOURCE |
| In addition to registering works on the site you can search for works and make transactions and / or contact the author by a call or by email every transaction is save to the blockchain. | Under development estimated date  Month 3-5 |
| blockchain | Apache License, Version 2.0 (open)  used to store transactions and authors' work | the blockchain is affected through the Smart contracts these are developed with go language to save the works, and transactions | Under development estimated date  Month 1-2 |
| WCF (c#) | (Propietary, gratis)  Programming language and framework  api connection between the front and the backend | for the information shown in the application, it will be obtained through web services (WCF) with the json format | Under development estimated date  Month 2-3 |
| SQLserver | Express Edition  (proprietary, gratis) | Some analytics, and register costumer’s data are store in sql out server database | Under development estimated date Month 1 |  |
| Unity | Plus license (proprietary)  Augmented reality module for the recognition of works | The AR application (Unity) will be developed in unity for ios and android which uses c# as the main language, this verify content and call actions as: contacting the author and open marketplace | Under development  Month 2-3 | Propietary |
| Payment gateway | Propietary  gateway to process payments | We user to make payments between investors and authors | Under development estimated date Month 5 |
| Vuforia | Classic license (proprietary)  Augmented reality module for the recognition of works | Unity will connect to vuforia for the recognition of images and through web services (wcf) to the blockchain and to the base in sqlserver to obtain information about the certificate (author, work, registration date, etc.) | complete |





