



Project Proposal for Aalto CS-C2130 Course

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PROJECT PROPOSAL FOR DEVELOPERS - BLOCKCHAIN CONTENT MANAGEMENT

1. Introduction

- Law is currently done by lawyers for lawyers. Lawyers have trouble of understanding the client needs and communicating effectively with the clients. Law firms are expensive, palatial structures with marble floors. Law is in a desperate need for easy-to-use digital services.
- In the modern world, digital content is created exceptionally fast. A lot of digital content builds on other intellectual property. Most of this content is unregistered.
- Dottir is interested in exploring a solution that uses **blockchain to bring authors and creators together**. Using blockchain as an IP registry, authors can store IP as an encrypted document, representing a digital certificate of authenticity.
- Legal Tech is a very quickly growing field of business and has set an investment record in 2018 and it will create a lot of high-paying jobs in the future. Some solutions are already being developed by blockchain start-ups and it could provide an interesting solution for copyright protection as well as digital rights management.
- More info: https://www.wipo.int/wipo_magazine/en/2018/01/article_0005.html

2. Project goals

- Main goal of the project is a prototype for **easy-to-use web-based tool that utilizes blockchain and smart contracts**. Smart contracts will be tied into micropayments for use of content.
- The project will be done alongside with lawyers and designers. **The project offers a possibility to explore blockchain and smart contracts in a friendly atmosphere and learn about a growing field of legal business.**

3. Technologies

- The developer has full control over the used technologies. In preparing the first prototype, blockchain-based technologies are used.
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4. Requirements for the developers

- We would appreciate if the developers would either have knowledge or show interest in blockchain and smart contracts.
- In our opinion the difficulty of the actual technical solution for the problem is moderate. Understanding the problem itself and working alongside with lawyers and designers during the project can be demanding.

5. Legal Issues

Intellectual Property Rights (IPR):

- The client gets all IPRs to the results.
- Signing a NDA is required.

6. Client

- Dottir Attorneys is a law-firm focused on IPR and growth companies. We have offices in Helsinki, Berlin and San Francisco and are growing rapidly alongside our clients. Dottir has founded the Finnish Legal Tech Forum and is committed to making usable digital legal services that benefit growth companies.
- The representatives of the client will be partner Antti Innanen and associate Iiro Nurminen
- Client can offer the team a working room and snacks and refreshments.

- Client representative:

Product Owner / Antti Innanen

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7. Additional information

- No additional information.
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