Project Proposal

**<Project Name>**

Blockchain (Project) Lab 2022

by Prof. Dr. Sebastian Faust

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<LastName1, FirstName1 (contact email)>,

<LastName2, FirstName2 (contact email)>[,

LastName3, FirstName3 (contact email)]

*The length of this proposal (from here on) should be at least 5 pages of text (not counting pictures and diagrams). Nevertheless, we would like you to back up your explanations with graphics.*

# Project Description

## Overview

Please provide the following:

* If the name of your project is not descriptive, a tag line (one sentence summary).
* A brief description of your project.
* An indication of how your project integrates into the blockchain ecosystem.
* An indication of why your team is interested in creating this project.

## Project Details

Please provide more details. Parts that have appeared (in part) in the overview are to be briefly summarized there and further elaborated here.

* What is the goal of your project? Describe your envisioned result.
* What are the benefits your solution? Who can benefit from your project?
* First concepts
  + E.g., a draft of the architecture, UI drafts, protocol draft, …
* What will your project not provide or implement?
  + This is a place for you to manage expectations and to clarify any limitations that might not be obvious.

## Ecosystem Fit

Help us locate your project in the blockchain landscape and what problems it tries to solve by answering each of these questions:

* Where and how does your project fit into the ecosystem?
* Who are the stakeholders?
* What need(s) does your project meet?
* Are there any projects from which your project is inspired such as [1, 2].
* Are there any other projects similar to yours? If so, how is your project different?

# Team

*List per team member:*

* Name
* Contact e-mail
* Experience (blockchain and programming)
* Responsibilities (E.g., Front-End, Smart Contract, Security analysis, …)
  + The responsibilities are not binding.

# Roadmap

In this section you should define the work packages and milestones of your project and create a timeline. Please visualize your timeline (diagram or table).

# Future Plans

Please list the future steps that would need to be taken to extend your prototype to a publishable solutions as well as possible extensions and their benefits.

**References**

1. Vitalik Buterin. Ethereum: A next-generation smart contract and decentralized application platform. <https://github.com/ethereum/wiki/wiki/White-Paper>, 2014. Accessed: 2020-01-03.
2. Satoshi Nakamoto. Bitcoin: A peer-to-peer electronic cash system. [https:// bitcoin.org/bitcoin.pdf](https://bitcoin.org/bitcoin.pdf), Dec 2008. Accessed: 2020-01-03.