



The EOS Framework

White Paper

v1.0

Introduction

According to a survey by Deloitte 40% of executives know little to nothing about blockchains, yet 55% of those who know believe that they will lose competitive advantages if they do not adopt blockchain technologies.

And still there is only 15 million bitcoin wallet users in the world today. That's only 0,15% of the world population actually participating in blockchain economy. We believe that to increase the density of adoption, we need to remove some series of barriers, one of which is the technical barrier. It is relatively hard for anyone to grasp, not to mention start, an ecosystem behind a blockchain.

When Ethereum introduced DAPPs, it has changed the way we look at blockchains as not only a financial instrument, but a technical solution superior to that we actively use today. The AURS team sees EOS, a new guy on the block(chain), as a leap towards a decentralized ecosystem of enterprise DAPPs that everyone can actually use and increase the density of adoption of the blockchain technology.

Our mission is to create the foundation for future organizations to easily create and utilise blockchain technology in their field of expertise. In its core AURS is a collection of UI libraries and smart contracts build on top of the EOS platform and used to create decentralized profit-driven enterprises for real life use. AURS can be used to create the next UBER or Airb&b on the blockchain and provide cheaper to basically free of charge services to everybody on the internet.

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Summery

AURS is a set of UI libraries written in javascript and smart contracts based on EOS platform that offer a simple and secure approach to developing decentralized scalable profit-driven enterprises.

An AURS Enterprise is a decentralized autonomous organisation that offers services based on the plugins it utilizes. The participants in the AURS enterprise who have contributed to the organization via submitting AURS Tokens, have voting rights and can influence the decision making process of the organization as well as take part in the distribution of the revenues generated.

Anyone, who has access to the internet can participate in the enterprise. The process is straightforward and does not require development skills. To develop an AURS enterprise one would need to know javascript and html.

Simple

We believe that complexity is one of the strongest barriers for any new technology. Over time talented people from different parts of the economy try to solve these issues by proposing a quicker, simpler more efficient way of doing basically the same thing.

We believe that javascript as is perfect for the task since many of us already know it and a lot progress has been made to increase the speed and simplicity of it with Web Assembly, which is going to be used in the EOS platform.

Secure

Security in blockchains has always been a top subject. Blockchains are meant to be secure by definition, yet the code people write won't be. EOS offers a way to freeze and debug your code. We take one step ahead and offer ready made smart contracts with best practices in mind that have been community proofed.

By using the AURS framework you can avoid security breaches in your smart contracts, which allows you to focus on your business logic and not the blockchain.

Scalable

Modern enterprises are required to be easily scalable. It is a great advantage to start of with the ability to grow as fast as the demand requires it. EOS offers this by providing transactions with no fees and parallel processing.

AURS team believes that enterprises can be self sustainable based on the profitability. An AURS enterprise will be able to scale as much as it is required by reallocating the revenue it generates from its operations into the EOS system and becoming self-sustainable.

Framework

Developing DAPPs shouldn't be hard. EOS has introduced the tools to develop scalable decentralized apps for everybody. Now AURS offers a way to create those DAPPs in full compliance with the business rules, secure, structured, maintainable and most importantly - faster.

AURS is a collection of UI libraries and smart contracts that developers can use to quickly create and deploy their own decentralized enterprises.

UI

To create and manage your own enterprises, AURS provides a user friendly interface that allows the stakeholders to easily govern by voting for a proposition, explore other enterprises and contribute to them. The user interface will also allow to explore all the plugins and submit them for future implementation into the enterprise.

Smart contracts

EOS defines smart contracts as a combination of messages and automated message handlers. AURS provides a set to prepared community proofed smart contract that will allow anyone to create and deploy scalable and secure decentralized enterprises.

By utilizing the best practices and community proofing, we seek to provide a robust well documented solution for rapid development of profit-driven DAPPs and allow its stakeholders to participate in the decision making process.

Plugins

AURS is a modular framework which enables users to extend and approve new functionality of an enterprise via the AURS user interface. Stakeholders can decide on the process and level of fees per plugin and define the distribution of the revenue generated.

A plugin is a set of reusable smart contracts and components that provide the logic allowing any front end customization of the plugin view layer. The list of plugins consists of but is not limited to the following:

- Authentication
- Proposition and voting
- Listing
- Rating
- Database
- Review
- Search
- Invoicing

The AURS team will encourage other third-parties to provide their own plugins by setting in place an incentive mechanism where they can charge fees for using their plugins.

Enterprise

An AURS enterprise is a decentralized autonomous profit-driven organizations that exists on the EOS blockchain in a form of smart contracts. It is governed by its contributors via their voting rights and can generate revenue based on the plugins it utilizes.

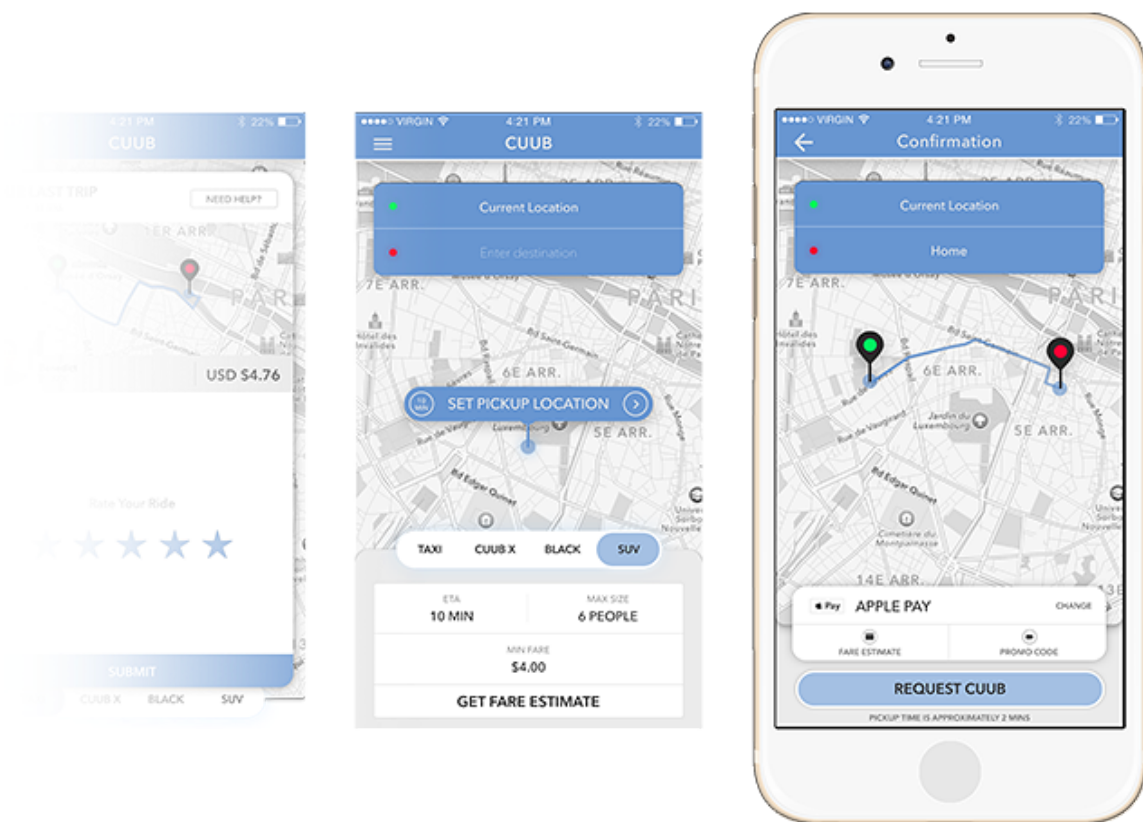
By definition an AURS enterprise is transparent and accessible to anyone on the internet. Anyone can contribute to it by supplier AURS Tokens to them and participating in the governing process.

AURS enterprises are trustless since they exist as a collection of smart contracts, which are immutable and will execute at all times as they were programed to.

CUUB

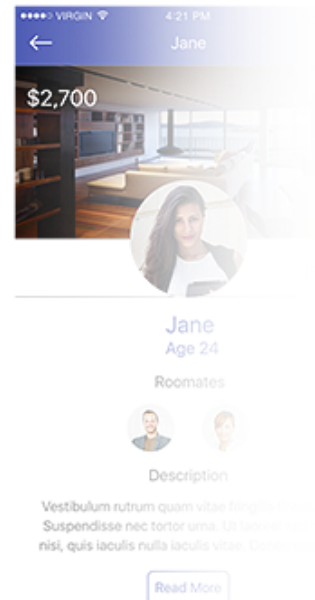
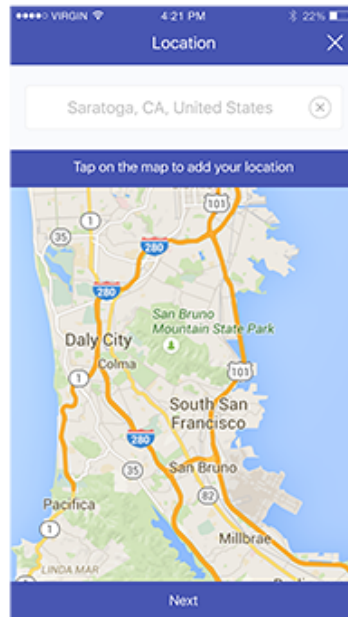
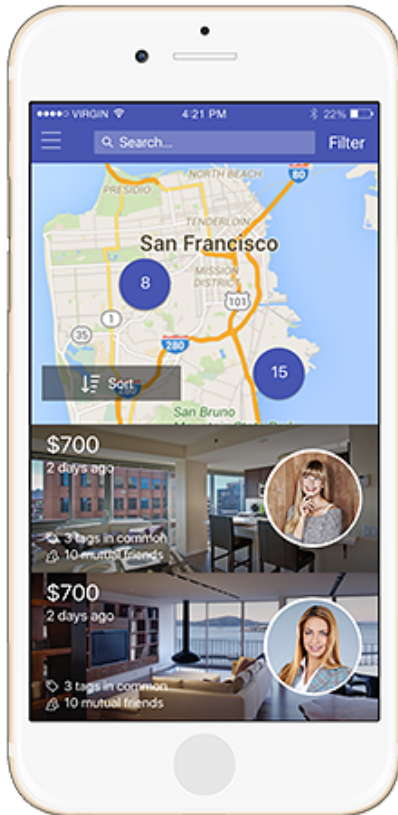
Our first enterprise will be a car transportation enterprise similar to UBER and Lyft. By providing a unique cost structures every driver will get to keep most of their funds. The revenue is generated by such plugins as authentication for drivers and invoicing. The client gets a better price because of the dramatically reduced fee by removing the middleman and the driver cover a relatively low fee for using the smart contracts. This fee can be adjusted by the stakeholders through a democratic voting process.

The revenue generated by the smart contracts is distributed immediately to cover the EOS platform usage cost and among the stakeholders This distribution is done in a continues process every day without delays.



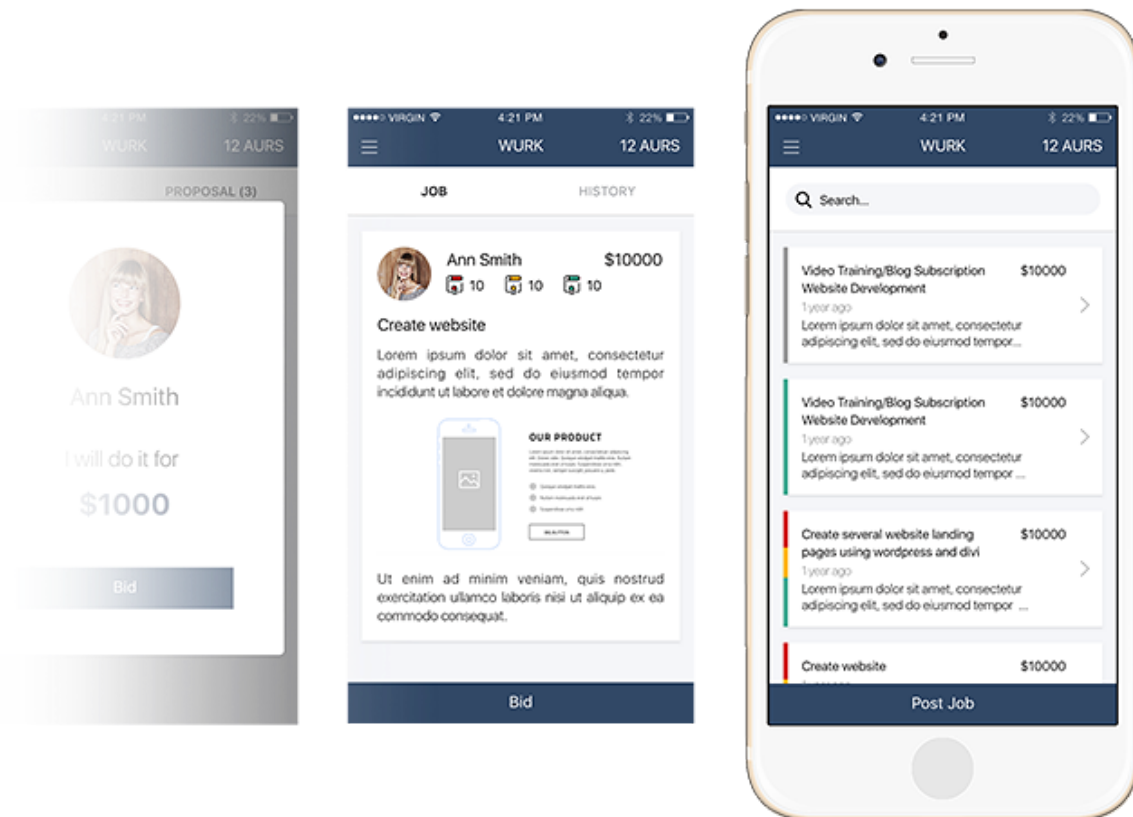
RUNT

The second AURS enterprise is RUNT that works as a marketplace enabling people to lease or rent short-term lodging. The revenue is generated on every successfully created booking and forwarded directly to its stakeholders. Similar to Airbnb, RUNT can offer the same service for a fraction of the cost.



WURK

A marketplace where clients and freelancers can connect. It is an AURS company that profits on every successful bid. The profit is then allocated to its stakeholders on every bid. Also it's stakeholders can be randomly selected to form a mediator group for settling disputes with a minimum of 3 accounts.



Open source

We believe that great things are possible when everyone participates in their creation. That is why we will release the AURS framework as open source for anyone to contribute and use everywhere. It is our intent to make the blockchain accessible and transparent as it was meant to be.

The source code will be available on github for the beginning of the project and slack together with gitter channels will be used to grow an active and healthy community around the project.

Token

The AURS Token is used to allow all people in the world to openly contribute into a AURS entity and receive profit from the generated revenue, as well as govern by voting on propositions and settling disputes. The token complies with the ERC20 token standard.

The genesis contract will mint only 1 000 000 000 AURS Tokens. The amount of held tokens in each company determines the voting weight of each participant. AURS Tokens will also determine the profit distribution.

According to the share of AURS tokens contributed, a participant can vote on proposals like determining the level of fees, payout frequency, plugins used, rules for voting and more.

Acquisition

During the initial coin offering AURS tokens can be acquired exclusively through the genesis contract. Once the initial coin offering ends and the token contract ownership has been transferred to AURS, the token can be transferred and traded freely.

Contribution stages

The ICO will consist of three contribution stages. Each stage will fund the next step defined in the roadmap. During the initial coin offering AURS tokens can be acquired by transferring ETH into the genesys contract. The genesys contract will eventually mint a total of 1 000 000 000 tokens that will be distributed to all contributors proportionally to the amount of ETH contributed.

The three contribution stages will produce the following amount of AURS tokens:

A total of 600 000 000 AURS tokens will be distributed in the first contribution stage.

A total of 200 000 000 AURS tokens will be distributed in the second contribution stage.

A total of 100 000 000 AURS tokens will be distributed in the third contribution stage.

A total of 100 000 000 will be reserved for the AURS team and advisers and will be available after the ICO last contribution stage has ended vest over a course of 1 year.

At the end of each contribution stage a set number of AURS Tokens will be distributed pro rata amongst all authorized purchasers, based on the total ETH contributed during those periods, respectively.

Core team incentive

To set a healthy and long-term relationship between the community and the core team an incentive of 100 000 000 AURS tokens is reserved. This amount of AURS tokens will not be available for trade during the ICO. Only after the ICO ands vest over a course of 1 year the tokens will be accessible to the core team.

During this period it is in the core team's interest to develop and launch the project and therefore increase the value of the reserved AURS tokens.

Projected use of contributions

The contributions received during the ICO will be used exclusively for the development and expansion of the AURS framework and the network of AURS enterprises.

The minimum amount required for the project to succeed is equivalent to \$ 2 000 000. If the minimum amount is collected, the funds will be deployed to fund the development of the AURS framework and plugins with the development of the first enterprise - CUUB. The majority of the work will be put into the development of the UI and smart contracts, promoting the framework as well as the development and launch of the first enterprise.

If the contribution reaches \$5 000 000 and above, we will fund the development of the next two enterprises - RUNT and WURK. Everything that is above this amount will be allocated into the enterprises funds for their promotion and further development.

Team

Dmitriy Zhuk

Co-founder and CTO

An entrepreneur with over 10 years of experience in designing, developing and launching countless enterprises. Before diving into the incredible world of blockchain technologies, Dmitriy worked as an international consultant for Blackcurrant Group GmbH, holding key roles in several multi-million dollar projects.

Arsen Makhmudov

Co-founder and COO

For 8 years in IT and finance, Arsen has been working for large international banks on managing position. Arsen is a blockchain enthusiast and an explorer of decentralized business enterprises. He is an entrepreneur and co-founder of flinger, a mobile matchmaking app.

Dmitriy Kalachniuk

Head of the Enterprise development team.

Former iOS developer, Dmitriy got involved with bitcoin blockchain in the early days. One of the first to start developing on the Ethereum platform. Dmitriy has a vast understanding of the development process of DAPPs. He has joined the team to develop and launch the first AURS Enterprise CUUB.

Alekhsandr Kasniy

Senior Blockchain developer

Amazingly talented developer with 5 years of blockchain expertise and a genius mind.

Developed his own blockchain in college and has been involved in several major blockchain projects on Ethereum platform.

Roadmap

Our roadmap relies heavily on EOS roadmap and the progress of EOS platform.

July 2017 - Pre-sale announcement and release of White Paper

24 July 2017 - Start first contribution stage which will last for 30 days.

Winter 2017 - Spring 2018 - The first source code is released to the community

Spring 2018 - Alfa version of the AURS Framework is released

Summer 2018 - First AURS Enterprise CUUB is deployed

Summer 2018 - Start second contribution stage.

Fall 2018 - The UI for creating enterprises is deployed. The following two Enterprises are deployed - RUNT and WURK.

September 2018 - Start of third contribution stage.

Winter 2018 - AURS framework 1.0 officially released.

Disclaimer

You can find the latest version of the AURS Token disclaimer at

<http://aurs.io/disclaimer.html>

2 July 2017