

no1s1- NOONE'S ONE & EVERYONE'S ONE

CREATING THE WORLD'S FIRST SELF-OWNED HOUSE USING BLOCKCHAIN & IOT



no1s1 is a futuristic project, which disrupts the topic of ownership using the latest technologies including blockchain and IoT. The project is brought to life by Hongyang Wang, 28, Master student in architecture, Jens Hunhevicz, 30, and Alex Walzer, 31, both Doctoral students in civil engineering at ETH. A real futuristic smart house in the making.

What's your idea?

Jens: Blockchain addresses can be held by any entity, so not only by humans, but also things. This allows things to own funds and trade with other entities. With no1s1 we want to build a house that is owned by noone, and can be used by anyone. We explore blockchain as a tool so that the house can administrate its own funds, and IoT so it can organize its operations and maintenance. We also implement a blockchain-based decision making process using crowd intelligence. We thus depend on an interdisciplinary human collective who take decisions for no1s1, thanks to blockchain in a very transparent way and without the possibility to steal the funds of the house. In the future, the house might even be able to take its own decisions with AI.

So there is literally noone owning the house?

Una: Indeed, no one owns it, not even us, the creators. The same goes for the project itself, where we want eventually open-source the idea and inspire people with different backgrounds and skills to co-create it. This is also one of the reasons why we joined the Student Project House. We also want to try out new business models, which leverage the possibility of non-rent-seeking and self-sustaining agencies on the blockchain to create high value with high efficiency. Of course, this idea does not limit to houses but can be expanded to smart digitalized objects to have the ability to own themselves.

What motivates you to realize your project?

Alex: On one hand, the maker in me just wants to create cool new things. On the other hand, my PhD is about entrepreneurship, and this new model of entrepreneurship with open technology and transparency like blockchain may disrupt everything we currently know. So I'm super curious to see if such a disruptive model works and if we can create a new future.

What do you appreciate most about the support at the Student Project House?

Una: I love the culture at the Student Project House. The SPH is unique and offers the perfect balance between freedom to explore your own ideas and the support you receive through coaching when you need help. I also very much like the facilities with the inspirational Co-working space and the well equipped Makerspace. And of course the community and networking you can do with other projects and the fact that we can learn from each other's failures and successes is great.

What are you most proud of?

Una: I am proud that we created a great team of three. We can work well together, have the same mindset and work towards the same vision. We are all intrinsically motivated and driven by our interest. At the same time I am also happy that we have found the right balance between work and life that keeps us healthy.

TOP 3 LEARNINGS OF NO1S1

- **Your ideas are worth sharing**
Even when the ideas sound crazy. Don't doubt yourself, share your ideas courageously with others, and you will find like-minded people and the support you need.
- **Keep a flexible mindset**
When developing an new idea, you will always have to adapt to change and make new plans, so stay flexible in your mind.
- **Find the right partners**
Also decide when to do something yourself and when you need to get help from external partners. And of course find the right team members.

More infos under www.no1s1.space



Alex, Una and Jens from no1s1 are creating the world's first self-owned house based on blockchain, IoT & AI.