

[WELLDONE Studio] [Predefined Grant] Grant Application

Introduction

DSRV, a blockchain infrastructure startup, is currently active as a validator for more than 40 protocols. **WELLDONE Studio** is a team under DSRV, primarily providing services necessary for various chains and contributing to the blockchain ecosystem.

Prominent services by WELLDONE Studio include the WELLDONE Wallet and WELLDONE Code. WELLDONE Wallet is a multi-chain wallet that manages accounts from about 12 chains, including Ethereum, Aptos, Sui, Solana, and NEAR, under a single mnemonic. WELLDONE Code is a service that allows for the development of contracts not from the EVM series, such as MoveVM and CosmWasm, through Remix IDE.

WELLDONE Studio was conceived to provide the tools most needed by Web3 developers. Both convenient and intuitive, the suite gathers the essential elements and unites them into a single, cohesive building experience. Even if you're newly unfolding your wings within the Web3 space, our standardized tools will enable you to go through a consistent and high-level developing experience.

With the development and provision of these services, we have a high level of understanding of multi-chains. Moreover, our team consists of members who were among the initial members of the Ethereum Research Society of Korea. They possess a deep understanding of Ethereum, have proposed initiatives like EIP-2462, and include members who operate as Ethereum validators.

The Product

What are you developing?

We are developing a product called DVT as a Service through integration with ssv.network. This service allows users to utilize the services of ssv.network not just with ssv tokens, but with various other tokens. Moreover, this service is hosted through NEAR blockchain's decentralized front-end system, BOS, enabling users from different chains to easily access and use it. As a result, stakers can confidently rely on validator operations in a more comfortable, stable, and decentralized manner.

What is your USP (Unique Selling Proposition)?

1. **Support for Various Tokens:** Users can access the service not only with ssv tokens but with a variety of tokens, eliminating the need for a separate token exchange process.
2. **Multi-Chain Accessibility:** Through integration with NEAR's BOS, users from other chains can easily access and utilize our service.
3. **ssv.network Operator:** As an official operator of ssv.network, we guarantee stability and trustworthiness.
4. **Multi-Chain Expertise:** As one of the most renowned blockchain companies in Korea, we have experience in operating a multi-chain wallet, developing IDEs, and running an academy.

What is your GTM (Go-to-Market) strategy?

1. **Education and Academy:** We operate blockchain education and academy programs, deeply ingraining the benefits of ssv.network and our services into our users.
2. **Multi-Chain Strategy:** Based on our successful experience developing multi-chain wallets and IDEs, we can easily integrate with various blockchain platforms. This allows users to enjoy the convenience of accessing various blockchains from a single platform.
3. **Domestic Leadership:** As one of the most prominent blockchain companies in Korea, we can minimize market entry barriers, emphasizing trust to rapidly expand our user base.
4. **Network Expansion:** We can attract users from other chains through the integration with NEAR's BOS.

How do you stack up against competitors?

Our primary competitive advantages are:

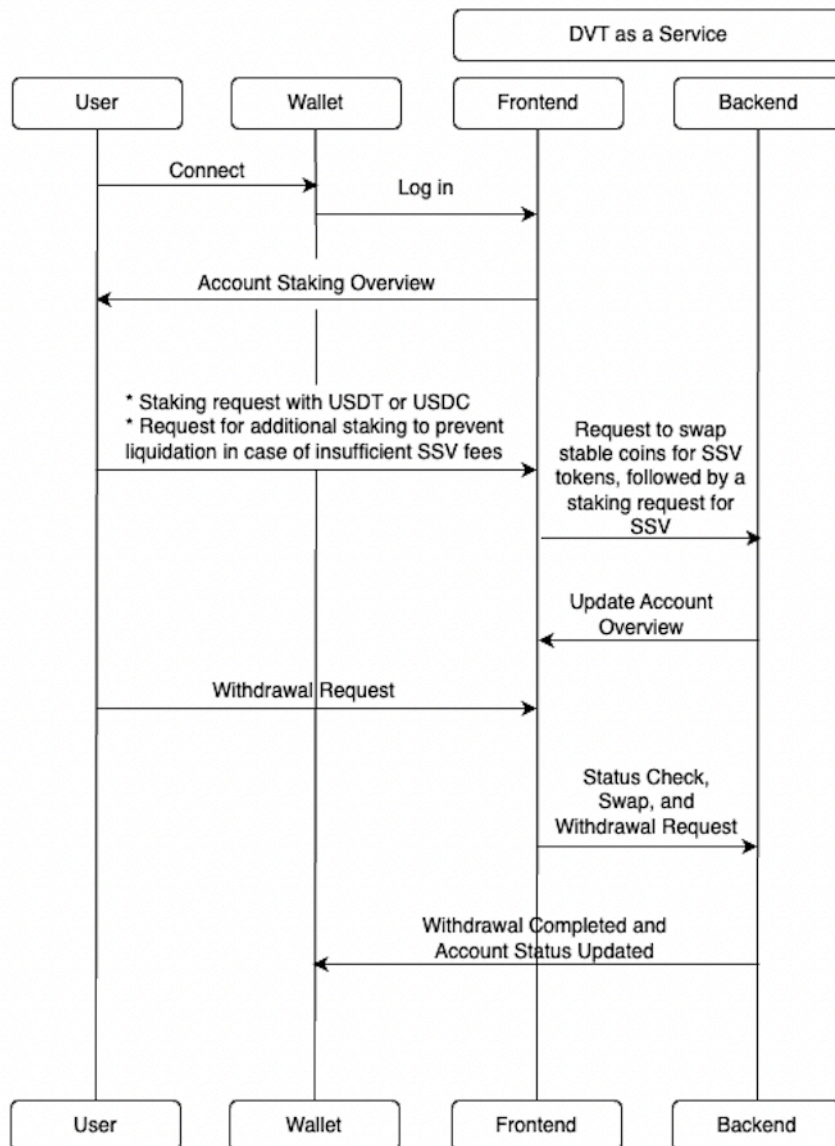
1. **Multi-Chain Expertise:** Unlike other competitors, we specialize in multi-chain and have the experience and know-how.
2. **Deep Integration with ssv.network:** As the official operator of ssv.network, we ensure the stability and trustworthiness of our service.
3. **Support for Various Tokens:** We are the only service that allows users to use services with a variety of tokens beyond the ssv token.
4. **Network Scalability:** Through integration with NEAR's BOS, users from other chains can easily access our service. We are prepared for this with our WELLDONE Gateway on NEAR's BOS. ****<https://near.org/gateways>****

Proposal Details

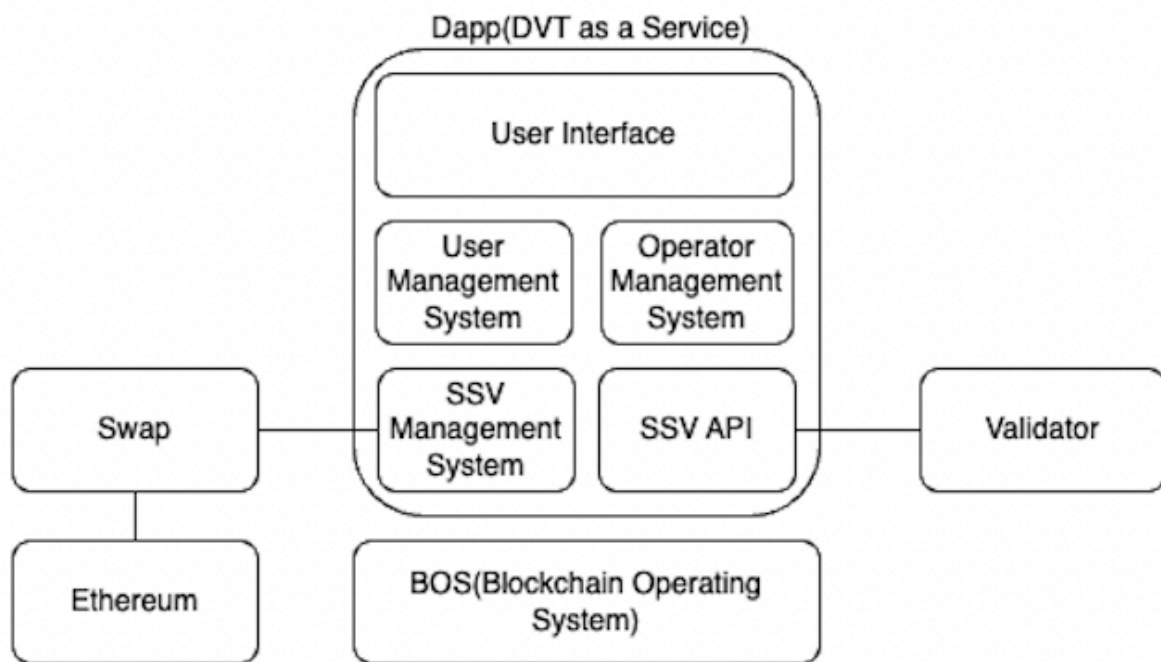
Technical Overview

User Flows

1. **Access Service via Wallet:** Users access the web interface through their own wallets.
2. **Select and Deposit Tokens:** Users select the desired token (either ssv or another token) and deposit it into our service.
3. **Select Operator:** Users can choose our default operator named "dsrv" or select from a list of other operators.
4. **Start Staking:** Verification operates via the selected operator through ssv.network.
5. **Withdrawal & End Service:** Once the staking period ends, users can securely withdraw their tokens or continue to use the service.



System Overview



1. **SSV API:** APIs for staking, unstaking, and other functions necessary to utilize ssv.network.
2. **Dapp (Decentralized Application):** A web application that provides a user interface. Through this, users can use features like token deposit/withdrawal, operator selection, and staking management.
3. **Off-chain Entities:**
 - a. **SSV Management System:** Provides the function of converting various tokens into ssv tokens. Even if users do not have SSV tokens in advance, staking is provided using the internal swap feature, allowing easy access with just ETH or stablecoins.
 - b. **Operator Management System:** Manages and operates operators like DSRV.
 - c. **User Management System:** Manages data such as user information, token balance, and staking records. Monitoring feature to check how much of the paid network fee remains as it decreases over time.
4. **BOS on NEAR and WELLDONE Gateway Integration:**
 - a. We already have a prepared WELLDONE Gateway in BOS, a decentralized front-end system operating on the NEAR blockchain.
<https://near.org/gateways>
 - b. By hosting DVT as a Service through NEAR's BOS, our service gains inter-platform network scalability.
 - c. This allows users from other chains to conveniently utilize our service, potentially greatly enhancing accessibility and expanding our user base.

Operator Selection

Describe how you plan to select the operators to manage the service's validators.

Our approach to operator selection is underpinned by a commitment to achieving a diversified and resilient framework for managing the service's validators. In recognizing the paramount importance of decentralization, we adopt a methodical yet dynamic strategy:

Diversity and Inclusivity: Our selection emphasizes diversity, aiming for representation across regions, tech backgrounds, and expertise. This ensures network resilience against localized issues.

Performance Metrics: While valuing diversity, we also consider operator performance metrics like uptime, response time, and reliability.

Community and Reputation: Reputable operators with a history of blockchain contributions are preferred, ensuring they're invested in the network's well-being.

Dynamic Evaluation: As decentralized tech evolves, we'll regularly reassess operators based on new standards and challenges.

Open Application: We offer an open application for potential operators, allowing us to identify emerging talents and solutions.

By combining these principles, we strive to foster a balanced, efficient, and resilient network of operators. This holistic approach ensures that our service not only meets but exceeds the expectations of our users and the broader blockchain community.

Withdrawals

Users can terminate the SSV service at any desired time. To withdraw the 32 ETH deposited in the Ethereum Deposit Contract, one must follow the Ethereum's Withdrawal process. Additionally, withdrawals can be made with popular tokens such as ETH, USDT, USDC, even if not in SSV.

SSV Payments

Our service provides unique value in the market by allowing payments not only in the traditional SSV manner but also with various tokens.

1. **Support for Various Tokens:** Users are not limited to paying with just SSV; they can also utilize our service using a variety of tokens they possess. This allows us to cater to a broader user base.
2. **Transparent and Efficient Payment Process:** The payment process is automated, enabling users to easily pay with their chosen token. This allows users to access the service without additional exchange steps or complex fee calculations.
3. **Liquidity and Scalability:** Supporting a variety of tokens enhances the system's liquidity and scalability. Users can flexibly choose their payment method based on their token portfolio.

Project Plan

#	Milestone	Deliverables	Est. Effort
1	<i>Testnet Integration</i>	<p>Objectives:</p> <ul style="list-style-type: none"> ● <i>Successfully integrate our service into the SSV testnet environment.</i> ● <i>Conduct initial linkage tests and address bugs.</i> ● <i>Deploy a test version for collecting and implementing user feedback.</i> <p>Deliverables:</p> <ul style="list-style-type: none"> ● <i>An initial version of the service for integration with the SSV testnet.</i> ● <i>A report on integration challenges and resolution strategies.</i> 	3 May, 2024
2	<i>Mainnet Integration (Including Token swap & BOS Integration)</i>	<p>Objectives:</p> <ul style="list-style-type: none"> ● <i>Integrate the service into the SSV mainnet.</i> ● <i>Test performance and stability in the mainnet environment.</i> ● <i>Enhance the user interface and experience.</i> <p>Deliverables:</p> <ul style="list-style-type: none"> ● <i>A fully integrated service version for the SSV mainnet.</i> ● <i>A report on integration challenges and improvement strategies.</i> 	7 June, 2024
3	<i>TVL Target matched 30%(100 validators)</i>	<p>Objectives:</p> <ul style="list-style-type: none"> ● <i>Achieve a Targeted Value Locked (TVL) of 30% with the participation of 100 validators in the SSV network.</i> ● <i>Encourage greater validator engagement through the value proposition and benefits of our service.</i> ● <i>Strengthen the role of our service in supporting the health and growth of the network.</i> <p>Deliverables:</p> <ul style="list-style-type: none"> ● <i>A data report demonstrating the achievement of a 30% TVL target with 100 validator participation.</i> ● <i>A service improvement report based on user and validator feedback.</i> 	5 July, 2024

Payments

Milestone Allocation

Milestone	Amount	Percentage
<i>Testnet Integration</i>	<i>\$ 20,000</i>	<i>28%</i>
<i>Mainnet Integration (Including token swap and BOS)</i>	<i>\$ 20,000</i>	<i>28%</i>
<i>TVL Target matched 30%(100 validators)</i>	<i>\$ 30,000</i>	<i>44%</i>
Total	\$ 70,000	100%

Open Source

Key components of our product will be made available as open source to strengthen and broaden the SSV network's developer ecosystem. These components will be released under the MIT license, allowing other developers to freely review, modify, and reuse our code. We believe that an open-source approach enhances collaboration with the community and significantly contributes to the innovation and growth of the overall SSV ecosystem.