



StreamFlow Finance

Streaming Payments Platform

Solana Season Hackathon

June 2021

Motivation #1

Business wants to hire a new contractor or an employee.

How to establish trust **and** minimize potential time & money loss
when parties are entering into a business relationship?

Motivation #2

Salaries are generally paid once per month.

Many employees take payday loans and experience stress waiting for their earned, yet still unavailable, funds.

How to provide an employee with the option to withdraw earned funds more frequently, while also making such an option attractive to the employers?

Stream

A streaming payment (or simply – **Stream**) represents a **payment that is being released progressively.**

This simple concept can solve aforementioned problems and opens a path to for building many different payment solutions.

Use cases

Ultra low-risk trial period

Stream is initialized for the trial period and can be stopped by the initiator (employer) at any moment if a decision to stop working with the employee/contractor is made.

Stream beneficiary (employee/contractor) receives what has been “streamed” up until that moment, and the rest of the amount is returned back to the employer.

Improved payroll

Employees can withdraw their earned salary more frequently.

Employers get a simple, straightforward, and cost-effective payroll solution that's also a powerful tool for recruiting and retention, while earning attractive interest on the deposited funds.

Furthermore

Token vesting

By adding a cliff period and a custom release rate, the stream is easily turned into a vesting contract.

Fundraising & donations

Investors and donors can create continuous streams while keeping the beneficiaries accountable with the option to stop the stream if the results are not satisfactory.

Services billed per time unit

Pay per usage. Consulting, live events & concerts, audio/video content, bike renting or even parking.

...and probably many more creative use cases.

StreamFlow Finance

Platform for streaming payments

Built on  **SOLANA**

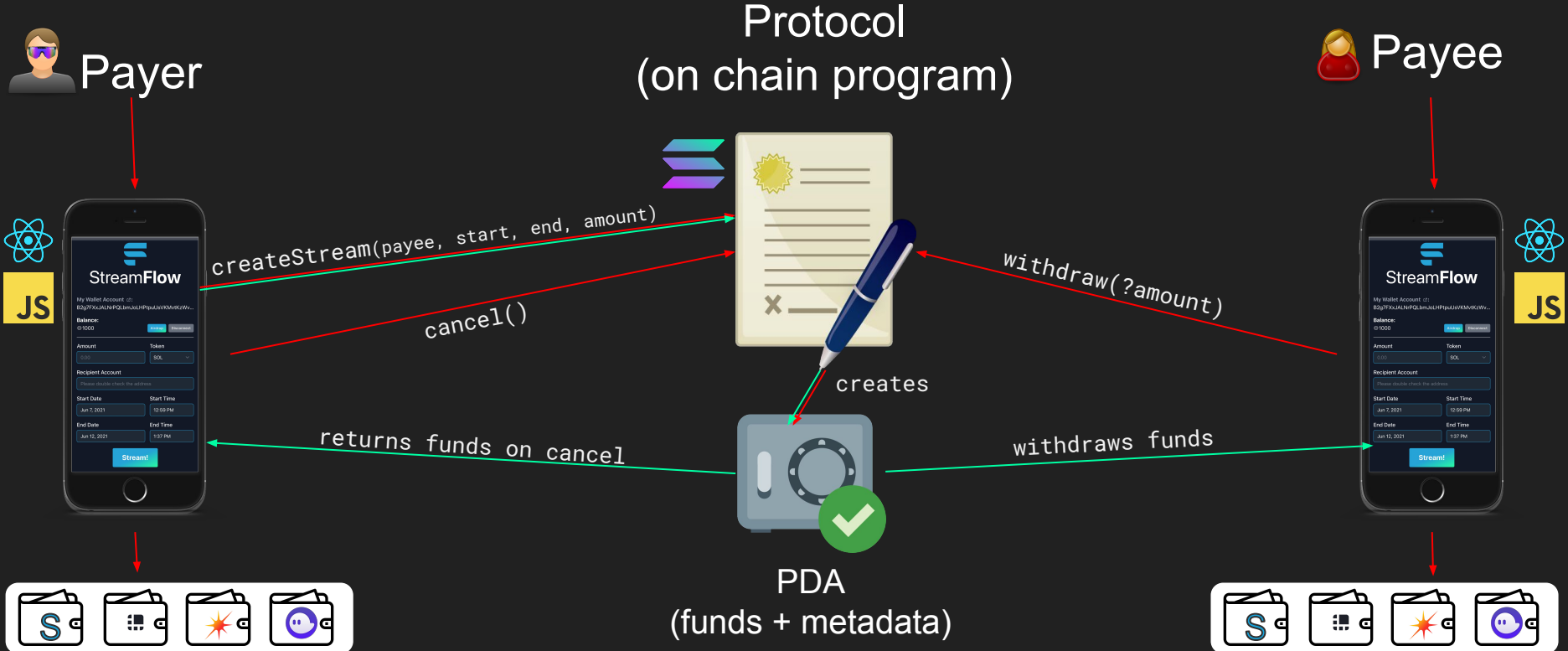
Trustless & verifiable. Software is free and open-source and everyone can audit it.

Decentralized & immutable. No central server to fail, no middle man to manipulate transactions.

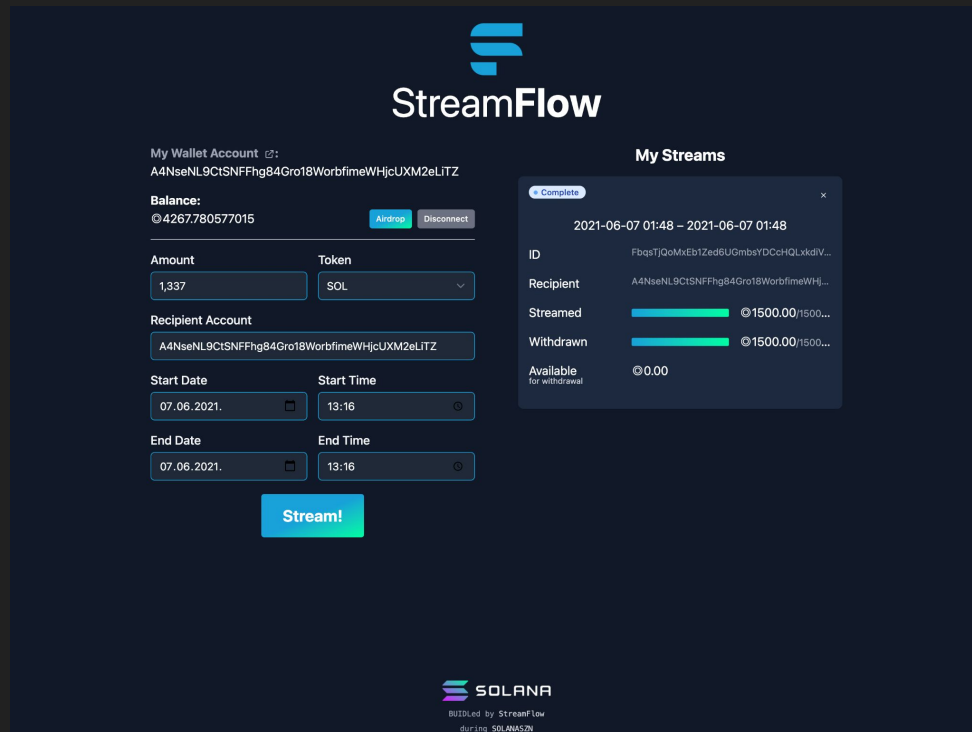
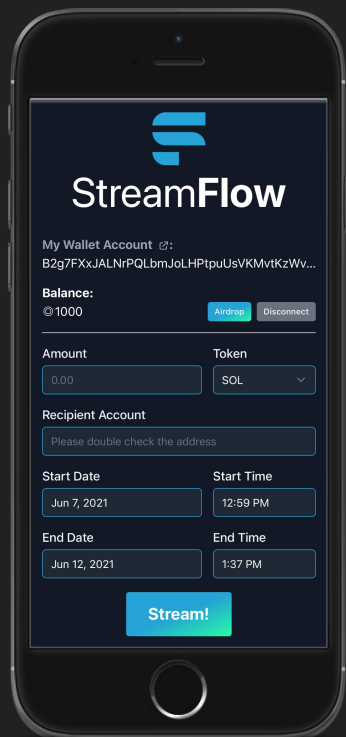
Real-time. Solana's ultra-cheap transactions are confirmed in less than a second.

Serverless. StreamFlow doesn't store any data at this moment, it's all in the browser or on the chain.

Platform overview



Demo



Growth & Monetization

Growth strategy

Offer wallets and payment providers an *out of the box* streaming payments feature via embeddable widget or deep integration.

Offer streaming payments to the established payroll solutions (e.g. [Deel](#)), potentially getting exposure to non-crypto market.

Monetization

- Earn interest on the deposited funds
- Percentage fee from integration with swaps and onramps/offramps
- Platform fee charged per **stream**

Vision & Roadmap

Become Solana's default streaming payments service provider

Roadmap:

- SPL token support (Q2)
- Vesting protocol (Q3)
- Embeddable widget (Q3)
- ERC-20 token support (via Wormhole) (Q3)
- Integration with wallets (Q4)
- Integration with borrow/lend protocols (Q4)
- Explore integration with [Deel](#) or similar platforms (Q4)

Roadmap is subject to change.

\$STRM token

Platform utility token

Usage:

- Governance
- Platform fee reduction
- ...and more TBD

This is subject to change, conceptual work on \$STRM is not finalized.

#BUIDLers



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- Fintech, startups
- Independent consultant
- 10+ years building software
- Hired and mentored developers
- Blockchain meetup group co-organizer



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- Free and open-source software advocate
- Founder of [Maemo Leste](https://maemo-leste.org)
- 12 years of open-source development
- #Bitcoin since 2011

Thank you!

Money **streams**. Money **flows**.

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