

Outrageous Lightning Trend Predictions

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LN Mailbox with Spam Filtering

innovation (n.) mid-15c., from Late Latin innovationem, stem of innovare "to change; to renew,"

The efficiency and massive benefits that come from living on a Bitcoin standard represents a generational paradigm shift. Helping envision this future is why we've prepared our top 5 most outrageous predictions and focused them on the innovations made possible by Bitcoin's Lightning network.

While a large portion of the world lacks access to the legacy financial services we take for granted, the Lightning Network is offering superior alternatives. By incorporating Lightning into apps, disadvantaged or under-served groups can use financial services that are built-in and are not controlled by outside interests. Our hope is that the outrageous predictions will push us towards a future where everyone has equal access to the financial tools they need to succeed.

We believe the Lightning Network has the potential to change the way we authenticate, communicate, and conduct business, and it is up to us to embrace this technology and leverage it to create a more inclusive and equitable financial system.

- Csilla Brimer and Matt Millen April 12th, 2023

Private Authentication: Passwordless Lightning Wallet Logins

Csilla Brimer & Matt Millen Willenrimer



Summary: Say goodbye to passwords and hello to Lightning wallet logins - this new, faster, and more secure way to authenticate online accounts and stack Sats will be used by major apps like Doordash, Uber and more!

In today's digital age, security and privacy are of utmost importance. With the increasing number of cyber attacks and data breaches, individuals and businesses are constantly looking for ways to secure their online accounts and protect their sensitive information.

One area that has seen significant advancements in recent years is authentication. Traditionally, authentication involved the use of passwords, which were often weak, easily guessed, or reused across multiple accounts. However, passwordless authentication methods have emerged as a more secure and convenient alternative.

One such method is the use of Lightning wallets for login authentication. Stacker News, a forum similar to Reddit or Hacker News, has implemented this method to provide its users with a fast, secure, and private way to create an account and earn Bitcoin for their content.

How does it work?

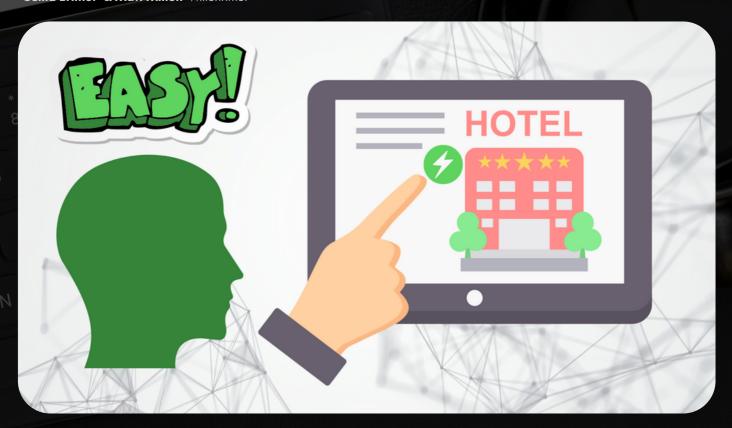
Lightning wallets are a type of cryptocurrency wallet that uses the Lightning Network, a second-layer solution built on top of the Bitcoin blockchain, to enable fast and cheap transactions. These wallets are typically used for sending and receiving Bitcoin, but they can also be used for authentication.

To use a Lightning wallet for authentication on Stacker News, users simply need to select their preferred wallet from a list of supported wallets, such as BlueWallet or Muun, and scan a QR code using their mobile device. This process eliminates the need for a username and password, making it a passwordless authentication method.

While this superior type of authentication is currently only used by smaller, lightning-focused projects like Stacker News, we believe the tech is too exciting and will be rapidly adopted. As more people become used to this convenient and safer method of login you should expect to see major companies integrating this option into their apps.

Lightning Reservations: The Future of Online Booking

Csilla Brimer & Matt Millen Willenrimer



Summary:

Lightning reservations leverages the Lightning Network for fast, secure, and private online bookings. This frictionless process is so easy to use by anyone (even without a bank account) it will eventually be used everywhere.

Lightning reservations is a revolutionary new way of leveraging the Lightning Network to facilitate fast, secure, and private online bookings and Bitcoin payments. One of the great examples of Lightning reservations is https://lncal.com, a platform that allows anyone to book someone's time and pay directly in Bitcoin, all without a bank account and in a matter of seconds. The benefits of Lightning Reservations are numerous.

Firstly, it provides greater privacy and security compared to traditional online booking and payment systems. Users don't have to share their personal information or financial details with third-party intermediaries like banks or payment processors. This reduces the risk of data breaches, identity theft, and fraud.

Secondly, Lightning reservations is incredibly fast and efficient. This means that users can book and pay in a matter of seconds, which is ideal for time-sensitive bookings like restaurant reservations, hotel bookings, or event tickets.

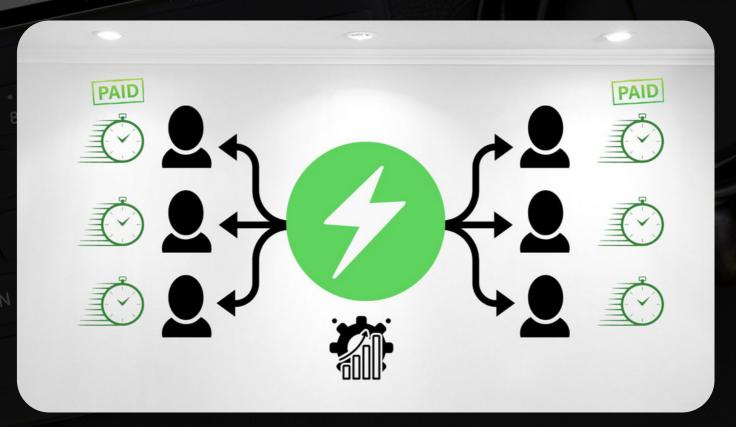
The integration of the application and the payment network results in a seamless user experience, free from any form of friction.

Imagine a world where all your favorite apps are synced with the Lightning Network. With just one click, you can use Sats to pay for everything from food delivery to booking a hotel. And when you're on the go, it's never been easier to make crossborder payments and remittances, thanks to the Lightning Network's lightning-fast speed and convenience.

Say goodbye to transaction fees and hello to a more secure, hassle-free payment experience.

Real-Time LN Salaries & Invoices for Business Operations

Csilla Brimer & Matt Millen Willenrimer



Summary:

Real-time Lightning payments for salaries and invoices will revolutionize the way that businesses operate. Providing immediate cash flow and streamlining payroll increases transparency, reduces costs, and enhances accuracy.

Real-time payment of Lightning salaries and invoicing is the future of payroll systems, and it's here to revolutionize the way businesses operate. With this cutting-edge technology, small businesses and individuals can receive their salary in SATs every second, providing immediate cash flow that can be used to fuel growth and innovation.

Unlike traditional payroll systems, which can be timeconsuming and prone to miscalculations, this new system eliminates the need for monthly transactions, reducing administrative costs and increasing efficiency. But that's not all, companies can also pay for subscriptions and services with ongoing streams of SATs, further streamlining their operations and making financial management a breeze.

We believe this cutting-edge technology will provide businesses with real-time financial data insights, enabling them to make informed decisions quickly and gain a competitive edge in the market.

This technology will significantly impact the HR industry, as it will streamline payroll processes and reduce the risk of errors, delays, and fraud. This will lead to improved employee satisfaction and retention, especially for larger businesses.

Also a major benefit is the reduction in time for employee's or vendors to be paid. A double delay (first for payment processing on company side and then second at the financial institution) on receiving your paycheck is the accepted norm but with Lightning payments you have more money, more quickly.

This can also help to strengthen business relationships and build trust between parties. As more companies adopt this technology, we can expect to see a reduction in late payments and looking towards the future it is clear that this technology will play a critical role in shaping the way we do business.

So, if you're looking to stay ahead of the curve and take your business to the next level, it's time to embrace the power of real-time payment of Lightning salaries and invoicing by supporting the innovators building it.

LN + Nostr = Decentralized reputation system

Csilla Brimer & Matt Millen Willenrimer



Summary: Decentralized reputation systems increase accountability and allow portability across platforms and are actively growing in popularity. Integrating lighting payments into these systems makes them even better and very likely becoming a staple for any online community.

Online reputation systems are crucial for consumers to make informed purchase decisions. However, current systems have loopholes that allow vendors to manipulate ratings and deceive customers. Decentralized reputation systems like Nostr can offer unique digital identities for users, aggregate reputation data, and improve trust and transparency in online markets by connecting social media accounts with Lightning Wallets.

Reputation indicators can serve as a helpful tool for transacting parties to determine whether or not to engage with a particular party. They can also be used to avoid potentially problematic individuals or entities.

In e-commerce, reputation systems are common and are integrated into the platforms themselves. These systems gather feedback from buyers and sellers and present this data to potential buyers which helps them to make informed decisions about purchasing products.

This type of system is known as a centralized reputation system, which relies on a trusted central authority such as the operator of the marketplace (for example, eBay, Amazon, or Airbnb), who oversee and verify the authenticity of the feedback.

Decentralized reputation systems, such as Nostr, function without a central authority and instead depend on the collaborative input of network participants to build trust and assess reputations.

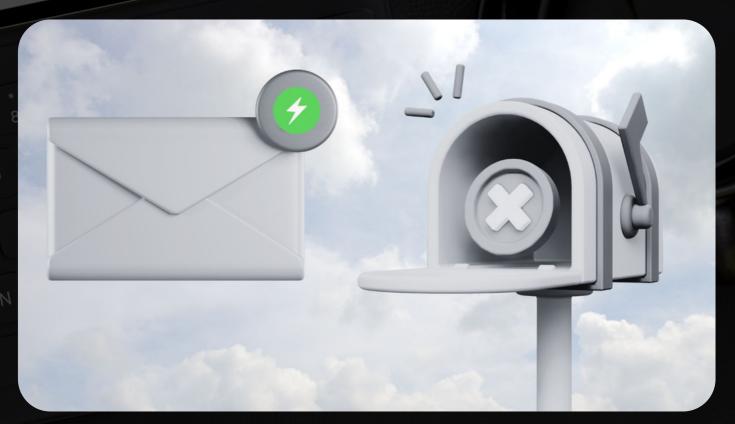
In centralized reputation systems like Airbnb, your reputation score is specific to that platform and cannot be transferred to other platforms like Lyft or Fiverr. However, in a decentralized reputation system which relies on collective input rather than a central authority, creating an objective reputation score that can be transferred from one platform to another in a frictionless way is now possible.

With easier portability and a lack of walled data "gardens" information about specific people and entities is much more available. This directly increases accountability as it's much harder to start over using an open system and with Lightning there is an additional financial component that also raises the stakes for bad behavior.

We see these type of open, portable reputation systems that are lightning-native only continuing to grow in popularity with Nostr looking to lead the way.

The Future of Email: LN Mailbox with Spam Filtering

Csilla Brimer & Matt Millen Willenrimer



Summary: As automation makes it easier than ever to spam inboxes a solution that combats email spam is sorely needed. We believe that Lightning powered email that charges you to communicate is a tool that will be a game changer.

Are you sick and tired of sifting through countless spam emails in your inbox? Well, thanks to Lightning Network, we will be able to say goodbye to the chaos and hello to the ultimate solution: a Lightning Network mailbox with a per-email SATs rate!

Achieving Inbox Zero has never been easier - and more exciting!

The moment you integrate with Lightning, the power is in your hands to combat spam once and for all since spamming is now expensive. Initially created as a method to reduce email spam, Proof-of-work has truly come full circle with this gamechanging technology.

Although we are not aware of such an email service as of yet, <u>Vida.live</u> offers a glimpse into the future of possibil<u>ities</u> as they are already charging for direct messages on Twitter. By linking Vida with your Twitter account your Twitter fans can send you direct messages for whatever per-message rate you set and anyone you follow can freely dm you.

An added benefit is protecting your time as you can filter out unimportant communication. Within a company there can be different rates so if someone absolutely has to speak with the CEO they can (for a fee) but it may make more sense to email his assistant at their lower rate.

Email spam and scams are only getting worse with the rise of Al and continuing digitalization of society. We see this solution as giving back everyone's valuable time and paying people while doing it - making this a perfect time for lightning powered spam prevention!

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