Secure Storage of Crypto Wallet Seed Phrase

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Abstract: *The Expense Tracker Application is a user-friendly and efficient tool designed to help individuals manage their personal finances with ease. In the ever-changing landscape of daily expenses, this application offers a structured method for tracking income, categorizing expenditures, and generating insightful financial reports. Its intuitive and visually appealing interface ensures that users of all technological skill levels can navigate it effortlessly. The application features visual representations to help users understand their budgetary trends and set limits for different expense categories. It provides timely alerts and notifications when users approach or exceed these budget limits. With robust security measures in place, the application ensures the confidentiality of users' financial data, enhancing their awareness of spending habits and enabling informed financial decisions. Additionally, this system proposes a novel approach to cryptocurrency transactions. Instead of relying on complex public and private keys, it simplifies key management by binding these keys to the unique IP addresses of the nodes involved. This method minimizes the need for users to manage large cryptographic keys, offering a more secure and user-friendly alternative for cryptocurrency wallets. By addressing the limitations of traditional cryptocurrency systems, this approach enhances key management and overall security.*

Keywords: Expense Tracking, Financial Management, Budget Alerts, Cryptocurrency Security, Key Management