



# BIT-PASS MANAGER™



Prepared for :

Innovation Challenge:  
SFHS

By- Bhartesh, Shivaan & Ishaan

20  
23

**Kids today are 'overly confident' about their skills online—losing \$101.4 million to hackers last year**

Published Wed, Oct 26 2022•9:00 AM EDT • Updated Thu, Oct 27 2022•12:07 PM EDT

# The Problem

The increasing use of the internet in our daily lives exposes us to critical challenges. Cyber attacks, compromised cyber security for Indian citizens, ransomware incidents, massive data breaches, Bitcoin scams, and the rise of doxing activities pose severe threats. These threats certainly result in substantial financial losses each month, endangering individuals and organizations.

# Our Theme

**Enhancing  
Local  
Governance  
through  
Technology:**



# Case Study:

The Union Bank of India faced a cyberattack on July 21, 2016, when a hacker attempted to steal \$171 million from the bank's overseas account. The hacker used a tricky email to infect the bank's systems, and the stolen money ended up in different banks across several countries.

The bank realized the problem when they saw a \$170 million difference in their records, as the hackers had tried to cover their tracks. The bank took quick action to address the issue, managing to recover about 70% of the stolen funds within just one day.

This incident highlighted the serious threat that cyberattacks pose to banks and raised concerns about the vulnerability of government sites and officials to similar hacking attempts in the future.

# Our Product:

- Data Encrypter
- Digital Security Solution
- Password Manager

BIT-PASS  
MANAGER™



Introducing BIT-PASS MANAGER™: Our upcoming digital security solution, A powerful mobile, desktop, and website application designed to prioritize your digital security. With its state-of-the-art 5-layer protected digital vault which uses advanced artificial intelligence (AI), BIT-PASS MANAGER™ provides an unparalleled defense against data breaches and ransomware attacks. Our innovative solution ensures your sensitive information remains secure, empowering you to navigate the digital landscape with confidence. Say goodbye to vulnerabilities and embrace peace of mind as BIT-PASS MANAGER™ safeguards your digital presence like never before.

# How It Solves The Problem?

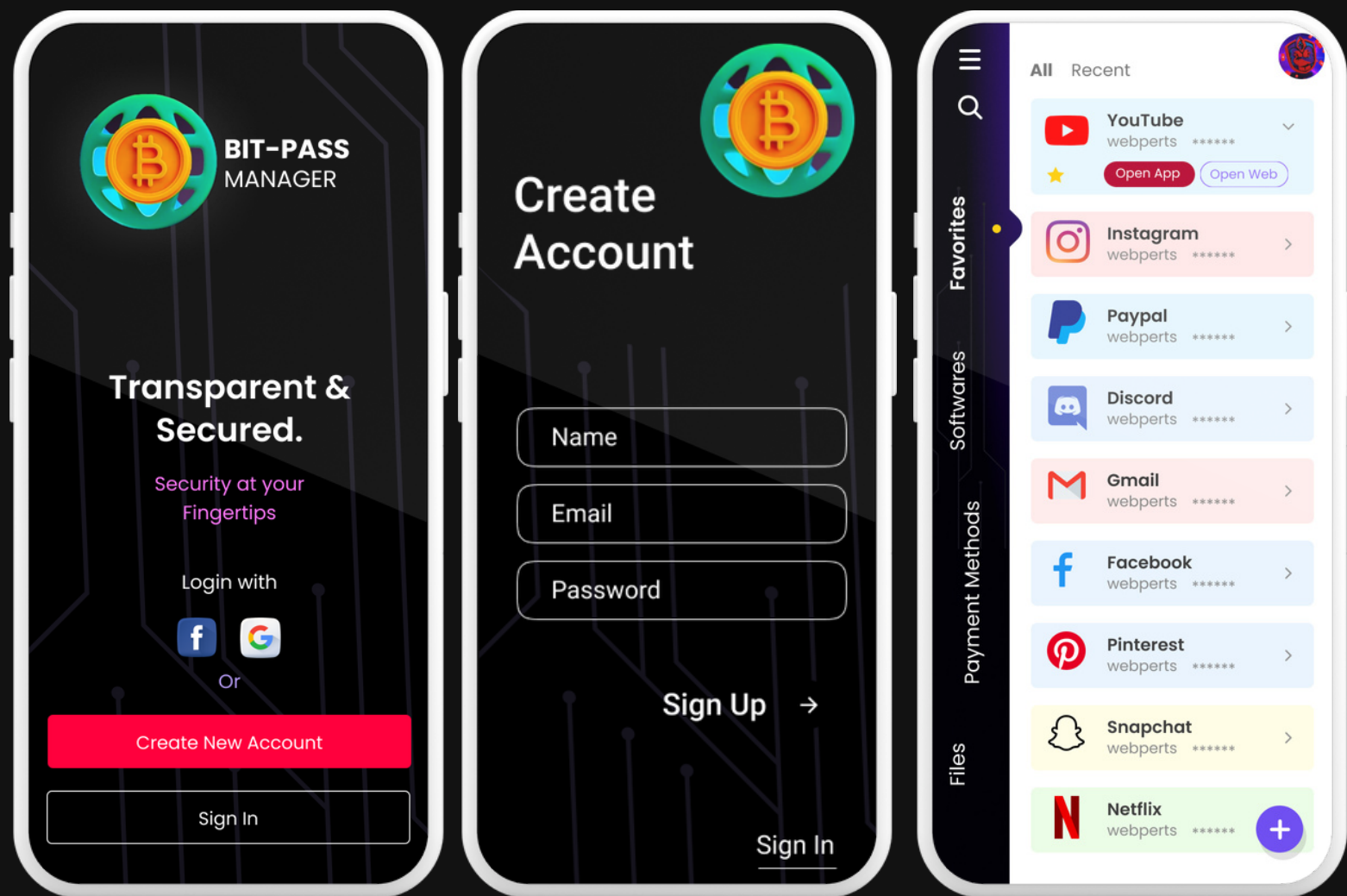
- **By using your encryption technology, local government agencies can secure sensitive information, ensuring that citizen data, financial records, and confidential communications are protected from unauthorized access. Improved data security builds trust among citizens and stakeholders, fostering a positive perception of the government's commitment to safeguarding their information.**
- **Implementing Our password manager can simplify and secure citizen access to e-government services. This streamlined access enhances user experience, encourages greater citizen engagement, and promotes a transparent and efficient service delivery process.**

- **Secure communication platforms powered by our encrypter enable local officials to share information, collaborate, and make decisions in a confidential and tamper-proof environment. This facilitates quicker decision-making, especially during emergencies, and reduces the risk of sensitive information falling into the wrong hands.**
- **Our password manager can help local government employees securely manage their access to various internal systems and databases. This reduces the risk of data breaches caused by weak passwords and unauthorized access, thereby improving the overall efficiency and integrity of government operations.**
- **If your password manager is used for secure digital identity and authentication, it can contribute to secure online voting systems. This enhances election integrity, minimizes the risk of voter fraud, and ensures accurate representation in local governance.**

- **Collaborating with local governments to implement our encryption technology also involves training officials and employees in best cybersecurity practices. This builds a cybersecurity-aware workforce that can better identify and respond to threats, reducing the likelihood of cyber incidents affecting governance operations.**
- **Encrypted data sharing solutions can improve collaboration between different government departments and agencies. This enables seamless information exchange, promoting better decision-making and coordination across the local governance ecosystem.**
- **The use of robust encryption and secure password management demonstrates a commitment to accountability and data protection. This can lead to increased public trust in the government's ability to manage sensitive information responsibly.**



# Prototype:



# Experience The Semi Responsive Prototype:

CLICK TO START  
PROTOTYPE

CLICK TO PLAY  
TEASER

# Thank You

BIT-PASS  
MANAGER™



## Create Account

Sign Up →

Sign In