

NEXTCOAL CODERS

SIH1783

**Money is being transacted by criminals in
crypto currency**

Background: In order to avoid using the banking system, the criminals also transfers the defrauded money in crypto currency.
Challenges: Unable to find Beneficiary details of crypto transactions, and by whom this amount was used, that information is not traceable. Expected Solution: Create a mechanism to record peer to peer crypto transaction by crypto exchanges.



Future Scope

complement global anti-money laundering (AML) and counter-terrorism financing (CTF) efforts by creating traceable records and linking them to identities via KYC.

Crypto Regulation

Expand collaborations with firms like Chainalysis, CipherTrace, or Elliptic to incorporate more advanced blockchain investigation tools.

Partnerships

Incorporate data from dark web marketplaces and forums to identify wallet addresses linked to illegal activities.

Open Source Intelligence (OSINT)

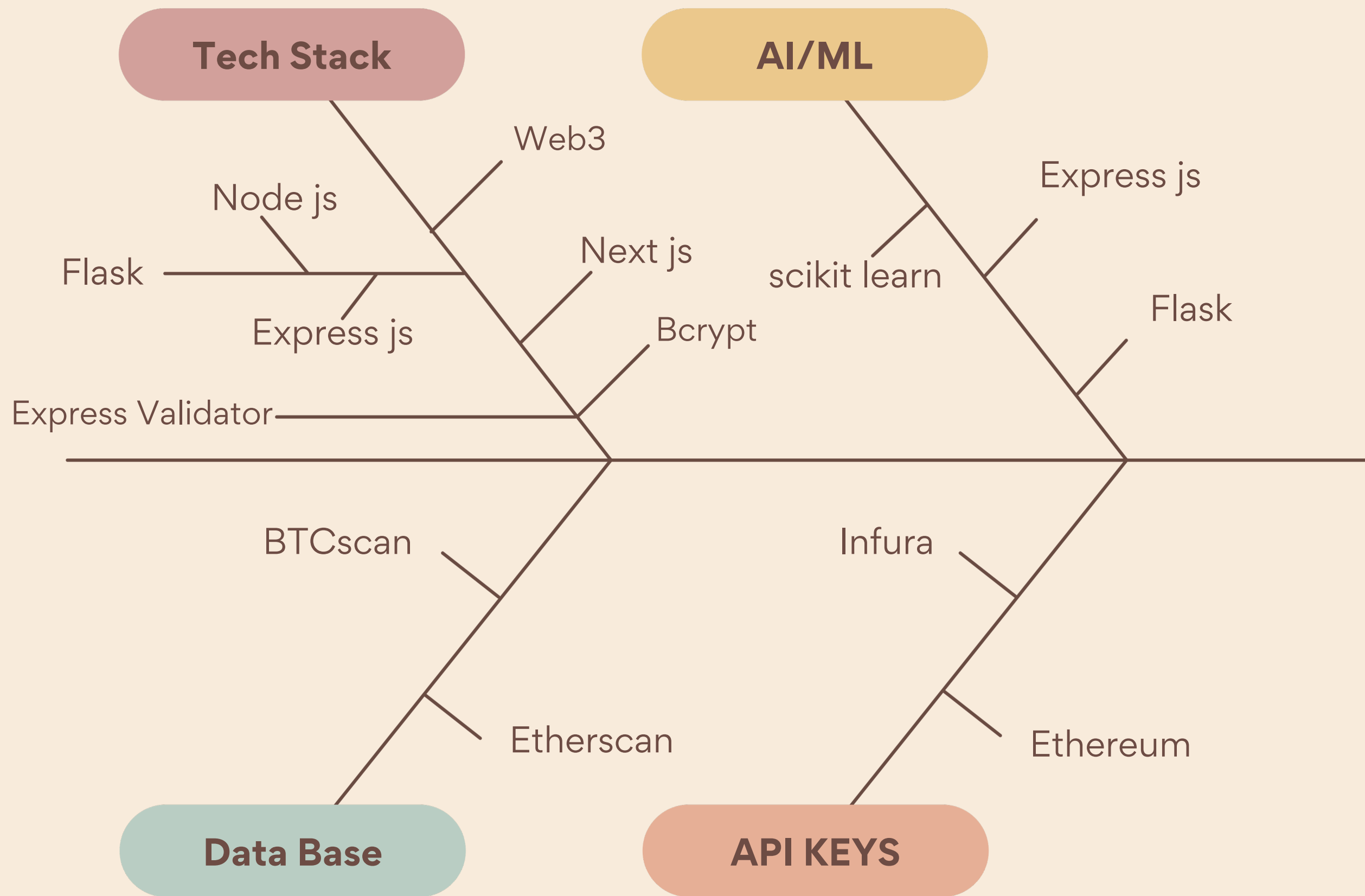
Exchanges could make this system a standard under regulatory bodies like FATF or local governments.

Global Adoption

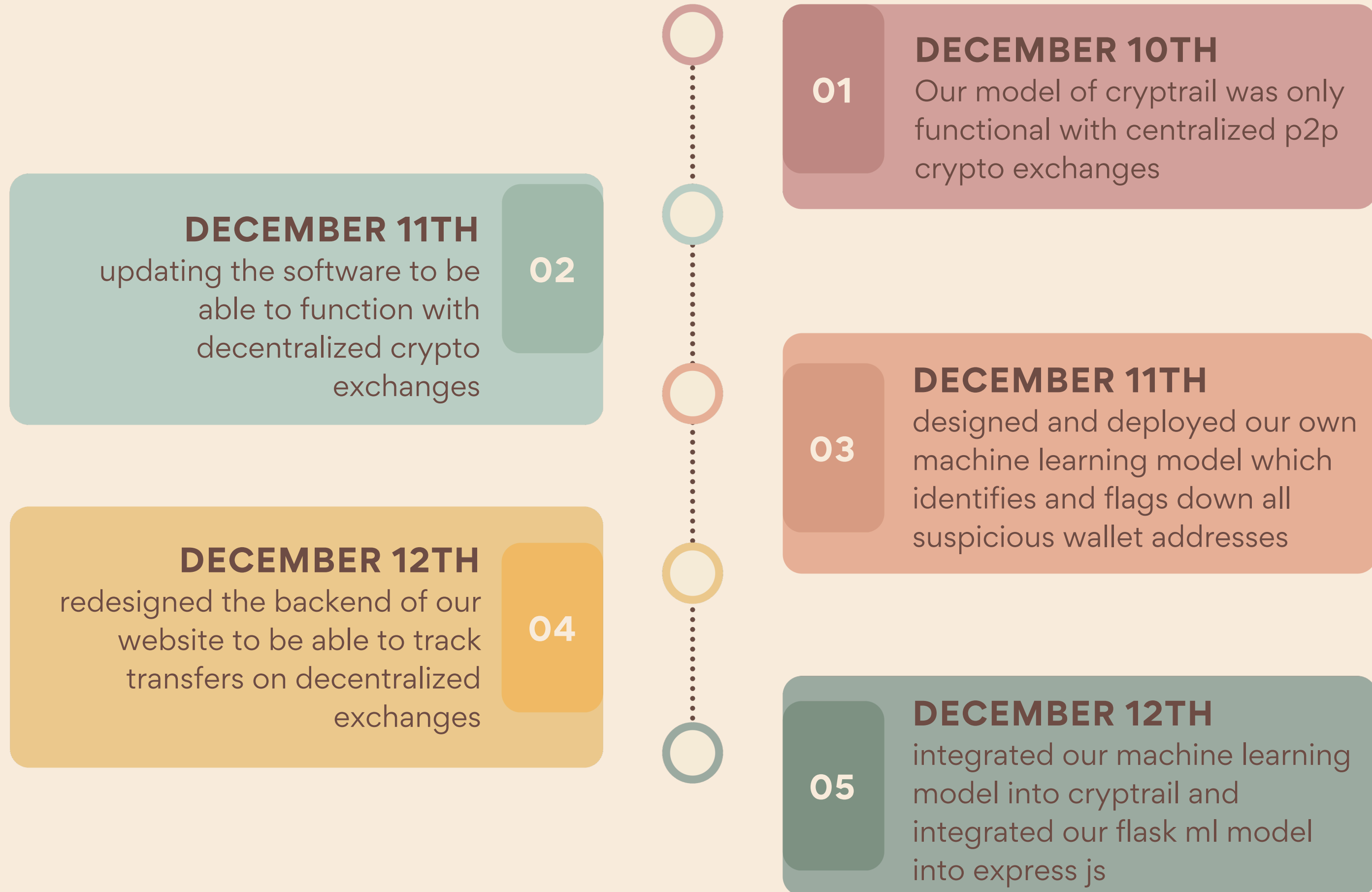
Continuous improvement via transfer learning and reinforcement learning models to adapt to emerging fraud patterns.

Machine Learning Enhancements

ANALYSIS AND REQUIREMENTS



TIMELINE



WORKFLOW OF THE MODEL

