

Edgar Zapata, Dylan Miles

emzapata0503@my.msutexas.edu dbmiles1121@my.msutexas.edu

CMPS 4132 Database Management Systems

Dr.Lopamudra

Final Project Report for Database

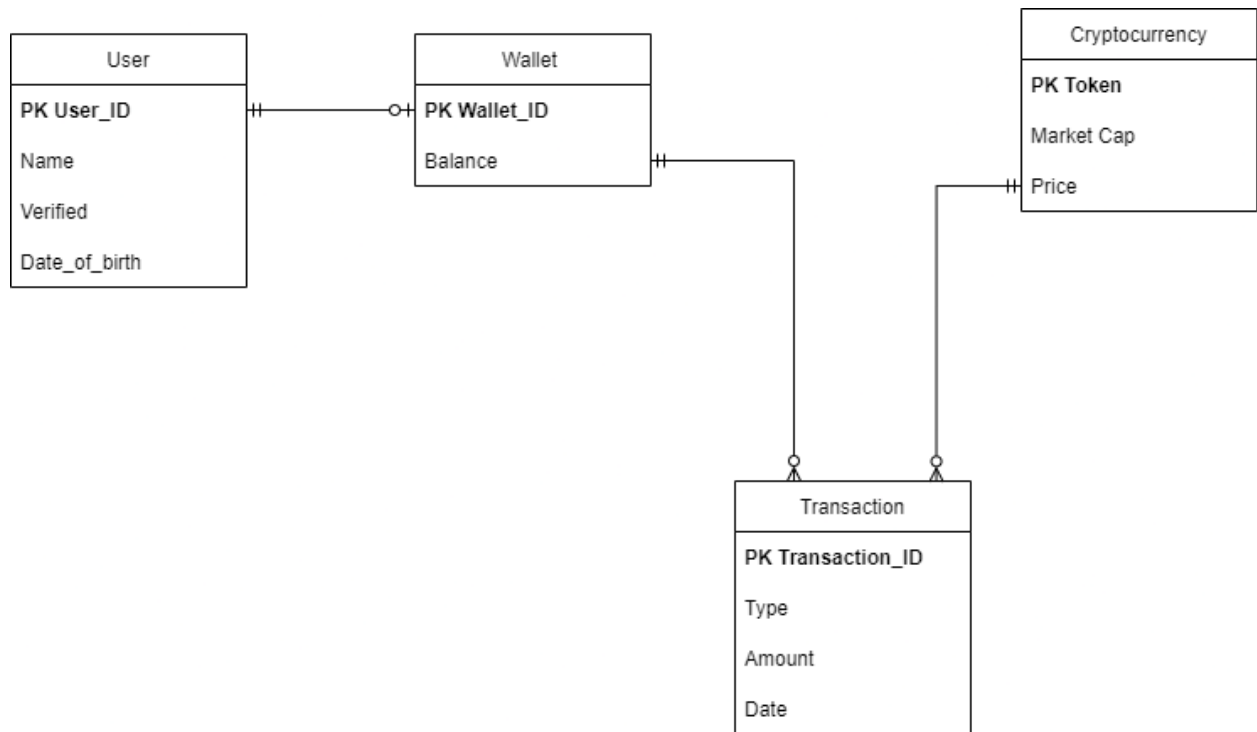
About our Project

We run a cryptocurrency exchange, which operates similarly to a stock exchange but with some key differences. Our customers aren't just huge banks and corporations, but regular users who may be using mobile devices. Each user will have decentralized cryptocurrency wallets where they can deposit and withdraw funds, each transaction will be logged on the blockchain forever, and our website will display a trade history for tax purposes.

Application Scope and Requirements

The application will display users' cryptocurrencies that can be traded based on their popularity and legitimacy. The customer will be able to deposit and withdraw funds from their cryptocurrency wallet to allow them to trade on the platform. The user can view the balance in their wallet at any time. The application will also have a transaction log containing a history of all their trades, deposits, and withdrawals. Essentially, the user trades currency in their wallet already to get other currencies listed on the exchange. The platform will not allow users to send cryptocurrency to another user. Cryptocurrencies not supported on the platform will not be able to trade or deposited in the wallet.

Conceptual Design



Logical Design

