JSEC Coins Rewards system

Functions of system

This rewards system will be mainly utilized within the school campus, particularly by students and the different food stall owners in JSEC and Gonzaga. Firstly, a loyalty software would be distributed for free to the different merchants on campus. It is on this software that merchants would purchase currency which would be placed into the reward system. Buyers (students and faculty) would also be able to sign-up for their own accounts in order to start earning reward points. When buyers make purchases, refer friends or even write reviews, they will be able to earn the currency as a reward. As mentioned earlier, this currency would be able to be used across all merchants on the blockchain in exchange for goods (in this case food, water etc.).

Features and Context

- Utilizes PHP, Javascript and MySQL for user database
- Application firstly functions as a rewards system for JSEC stalls
  - Incentives customer loyalty from students
- Integrated through NEM blockchain
  - Account Creation
  - Mosaic and namespace – jseccoinsystem:jseccoin
  - Sending and receiving mosaics
  - Account Tracking features

Improvements Made

- Added transaction tracking
  - Allows both students and vendors to keep track of purchases/sales through their respective accounts.