

Wallet

+str public_key
+str private_key

+__init__(self)
+generate_keys(self)
+save_keys(self)
+load_keys(self)

Transaction

+str sender
+str recipient
+int amount

+__init__(self, sender, recipient, amount)
+to_dict(self)

1
uses

1

Database

+str db_file

+__init__(self, db_file)
+create_tables(self)
+insert_wallet(self, wallet)
+get_wallet(self, public_key)

1
uses

1

Blockchain

+list transactions
+int difficulty

+__init__(self)
+add_transaction(self, transaction)
+mine_block(self)