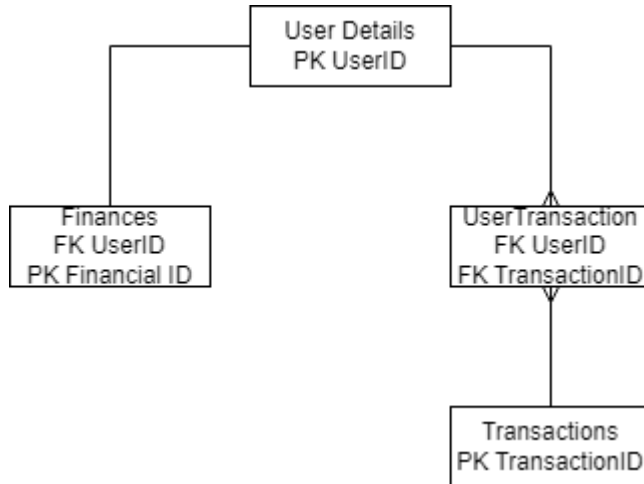


# Educash Database Design

## ERD:



(This is subject to change)

## Normalisation:

### UNF:

#### UserDetails

- UserID (PK)
- Username
- Password
- Pin
- TransactionID
- TransactionAmount
- TransactionDate
- FinancialID
- CurrentAmount
- Savings

### 1NF:

#### UserDetails

- UserID(PK
- Username
- Password
- Pin
- FinancialID
- CurrentAmount
- Savings

#### Transactions

- TransactionID(PK)
- TransactionAmount
- TransactionDate

2NF:

#### **UserDetails**

- UserID(PK)
- Username
- Password
- Pin
- FinancialID
- CurrentAmount
- Savings

#### **Transactions**

- TransactionID(PK)
- TransactionAmount
- TransactionDate

#### **UserTransactions**

- UserID(FK)
- TransactionID(FK)

3NF:

#### **UserDetails**

- UserID(PK)
- Username
- Password
- Pin

#### **Transactions**

- TransactionID(PK)
- TransactionAmount
- TransactionDate

#### **UserTransactions**

- UserID(FK)
- TransactionID(FK)

#### **Account Totals:**

- FinancialID(PK)
- UserID(FK)
- CurrentAmount
- Savings

NEW DATABASE ERD REMOVAL OF LINK TABLE

