FYP Relation Schema

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Schema

Transactions

PK: TransactionID

Trans_date

Merch_name

Trans_price

FK: UserID

FK:CategoryID

User

PK: UserID

Username

Password

Email

Categories

PK: CategoryID

Category_name

FK: UserID

Budget

PK: BudgetID

Budget_amt

Budget_start_date

Budget_end_date
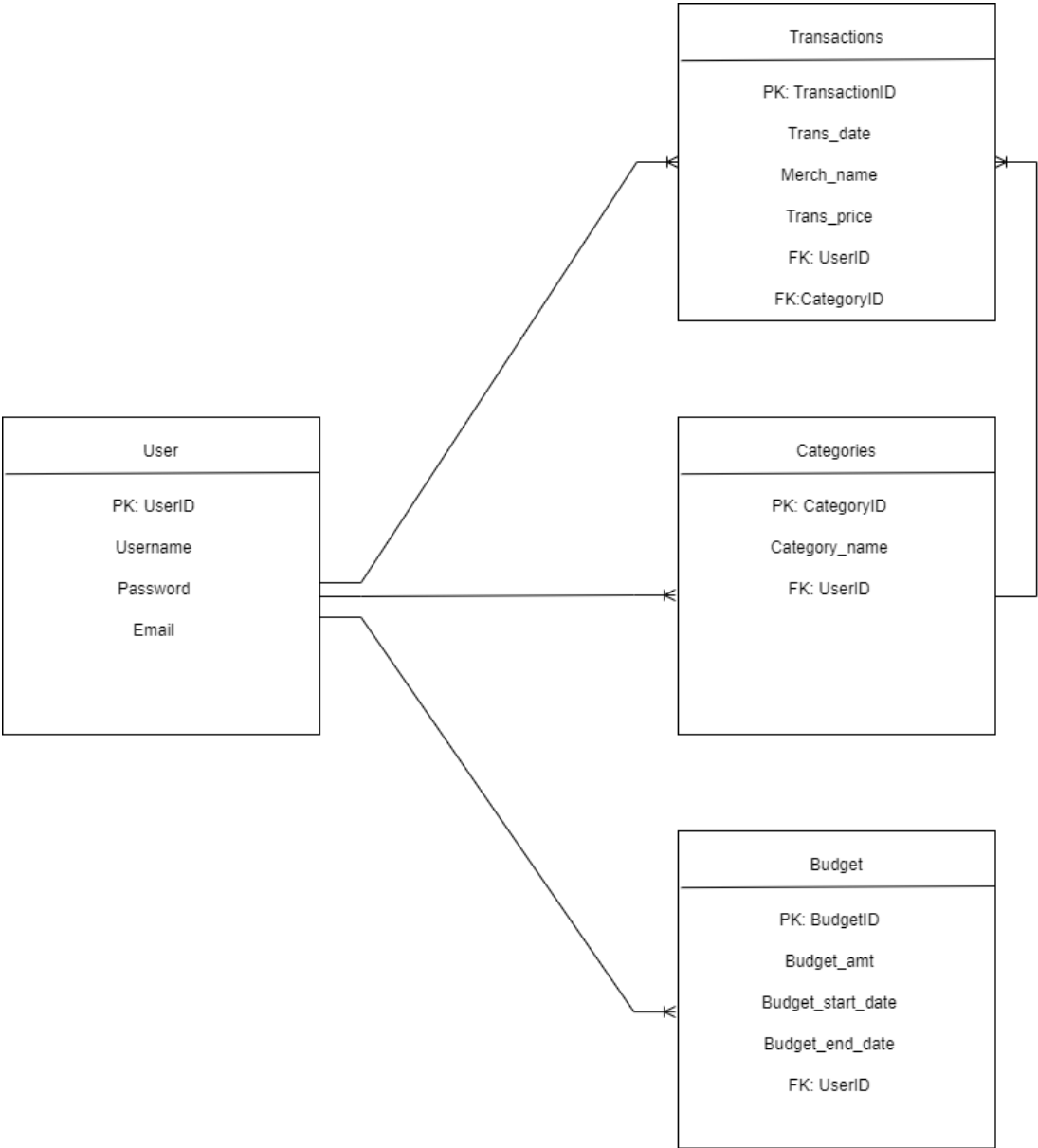
FK: UserID

Login(<u>UserID</u>, username, email, password)

Transactions (TransactionID, trans_date, merch_name, trans_price, **UserID**, **CategoryID**)

Budget (<u>Budget_ID</u>, budget_amount, budget_startdate, budget_enddate, **UserID**)

Categories (<u>CategoryID</u>, CategoryName, **UserID**)

<u>Underline</u>: Primary Key

Bold: Foreign key

Relationships:

- **Login** to **Transactions**: One-to-Many
- **Login** to **Budget**: One-to-Many
- **Login** to **Categories**: One-to-Many
- **Categories** to **Transactions**: One-to-Many