HYPERTECHS' SCHEMA DIAGRAM

account_holder(account_holder_id, holder_fullname, email, password, phone_number)

bank_teller(teller_id, teller_fullname, email, password)

bank_account(account_id, balance, account_holder_id) REFERENCES account_holder(account_holder_id)

over_the_counter_transactions(transaction_id, account_id, teller_id, transaction_type, transaction_amount, transaction_date, other_transaction_details) REFERENCES bank_account(account_id), bank_teller(teller_id)

internal_transfer_transactions(transaction_id, sender_account_id, receiver_account_id, otp_code, transaction_amount, transaction_date, other_transaction_details) REFERENCES bank_account(account_id)

external_transfer_transactions(transaction_id, sender_account_id, external_account_details, otp_code, transaction_amount, transaction_date, other_transaction_details) REFERENCES bank_account(account_id)

Database apexbank_db

Table structure for table account_holder

Column	Type	Null	Default
account_holder_id	int(11)	No	
holder_fullname	varchar(255)	Yes	NULL
email	varchar(255)	Yes	NULL
password	varchar(255)	Yes	NULL
phone_number	int(11)	Yes	NULL

Table structure for table bank_account

Column	Type	Null	Default
account_id	int(11)	No	
balance	decimal(10,2)	Yes	NULL
account_holder_id	int(11)	Yes	NULL

Table structure for table bank_teller

Column	Type	Null	Default
teller_id	int(11)	No	
teller_fullname	varchar(255)	Yes	NULL
email	varchar(255)	Yes	NULL
password	varchar(255)	Yes	NULL

Table structure for table external_transfer_transactions

Column	Type	Null	Default
transaction_id	int(11)	No	
sender_account_id	int(11)	Yes	NULL
external_account_details	text	Yes	NULL
otp_code	varchar(10)	Yes	NULL
transaction_amount	decimal(10,2)	Yes	NULL
transaction_date	timestamp	No	current_timestamp()
other_transaction_details	text	Yes	NULL

Table structure for table internal_transfer_transactions

Column	Type	Null	Default
transaction_id	int(11)	No	

sender_account_id	int(11)	Yes	NULL
receiver_account_id	int(11)	Yes	NULL
otp_code	varchar(10)	Yes	NULL
transaction_amount	decimal(10,2)	Yes	NULL
transaction_date	timestamp	No	current_timestamp()
other_transaction_details	text	Yes	NULL

Table structure for table over_the_counter_transactions

Column	Type	Null	Default
transaction_id	int(11)	No	
account_id	int(11)	Yes	NULL
teller_id	int(11)	Yes	NULL
transaction_type	varchar(50)	Yes	NULL
transaction_amount	decimal(10,2)	Yes	NULL
transaction_date	timestamp	No	current_timestamp()
other_transaction_details	text	Yes	NULL