

Users (username, password, email, address, name, bDay, has_subscription, balance, /age, salt) PK: username AK: email Derived: age = EXTRACT (YEAR FROM AGE (bday))
Games (id, name, producer, console, /rented, review_count, review_sum, /review_avg, esrb, date_added) PK: id Derived: rented = Rental (rented) Derived: review_avg = review_sum / review_count
Rentals (id, game_id, username, date_rented, date_returned, rental_length_allowed, /days_left, /active, /overdue) PK: id FK: game_id REF Games (id) FK: username REF Users (username) Derived: days_left = rental_length_allowed - (CURRENT_DATE – date_rented) Derived: active = date_rented IS NOT NULL AND date_returned IS NULL Derived: overdue = CURRENT_DATE > (date_rented + rental_length_allowed)
Transactions (id, username, action, date) PK: id FK: username REF Users (username)