Field	Description
Introduction	This sequence diagram details the backend operations for processing a withdrawal request. It focuses on the database locking mechanisms required to safely deduct funds.
Objectives	1. To map the API call POST /api/withdraw to database operations. 2. To specify the atomic transaction: checking balance, deducting funds, and creating the request record. 3. To illustrate the error handling flow for insufficient funds.
Functional Requirements	1. The Backend must query the User table to retrieve the current balance. 2. If valid, the system must update the user's balance (Balance = Balance - Amount) and insert a transaction record. 3. The system must return a success confirmation to the frontend.
Non-Functional Requirements	**Data Integrity:** Financial transactions must adhere to ACID properties to prevent data corruption. **Auditability:** Every withdrawal request must have a timestamp and unique ID.