

# Money Box Feature

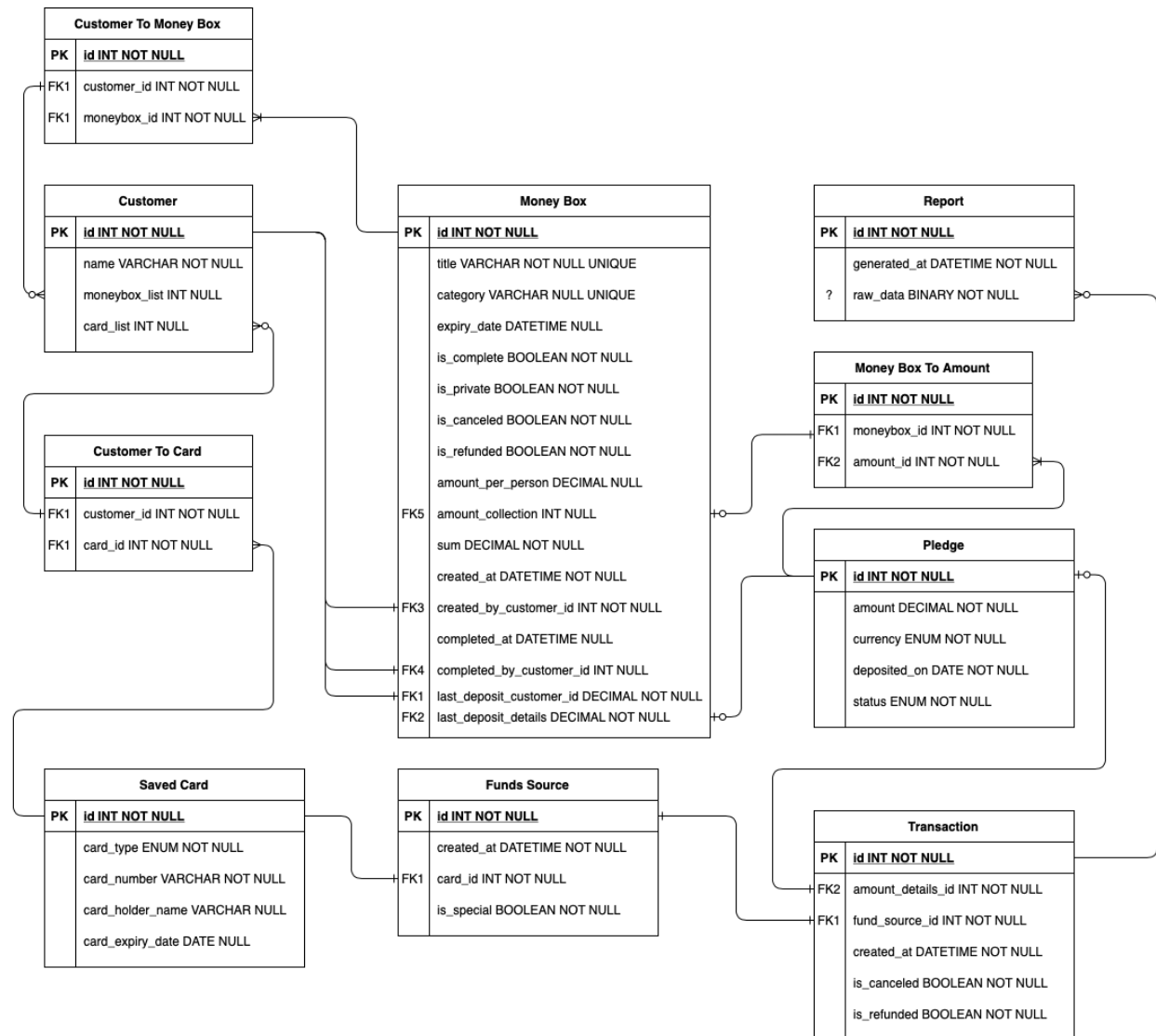
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Author: Andrei Ivanov

Status: Ready for Review

## Entities Relation Diagram for the Money Box feature:



### Main Entities in use:

- Customer — the Authenticated User participating in the fundraising process.
- Money Box — accumulates and displays information about the fundraising process.
- Pledge — predefined amount that becomes Customer payable.
- Funds Source — either a bank card, an electronic wallet or others.
- Saved Card — the Funds Source attached to the Customer profile.
- Transaction — holds detail about the payment process and workflow.

# Use Case List

**ID:** UC-1.1

**Title:** Money Box Payable Collection

**Date created:** 2020-07-07

**Date updated:** 2020-07-07

**Revision:** 0.2

**Actors:** Customer, System

**Preconditions:**

- Customer has an active account;
- Customer is logged in (authenticated);

**Trigger:**

- Customer accesses Money Box Payable Collection UI (e.g. clicks a link);

**Postconditions:**

- Money Box is topped up with the new amount;
- Customer is informed of the new actual Money Box Due amount;

**Normal Flow:**

- n1. Goal amount is displayed to the Customer. Customer proceeds.
- n2. Payable amount is displayed to the Customer. Customer proceeds.
- n3. Saved Card List is displayed. Customer selects one.
- n4. System charges the Saved Card with Payable amount.
  - n4.1. System updates Money Box with the new amount just added and recalculated
- n5. System displays a Happy Envelope icon list and prompts Customer to pick one.
- n6. Customer selects the Happy Envelope icon... ?
- n7. System displays the actual Money Box Due amount.

**Alternative Flow:**

- a3. Customer is redirected to add a new Saved Card.
  - a3.1. Customer enters Saved Card details (i.e. Name, Number, etc.).
  - a3.2. System validated Saved Card details.
  - a3.3. System creates a new entry of the Saved Card to the Customer profile.
  - a3.4. System displays success message and prompts Customer to proceed to step n3.

**Exceptional Flow:**

- e3.3. System displays error messages about invalid details and prompts to correct them or terminate the process.

e4.1. System detects insufficient funds on the Saved Card and prompts the Customer either to select another Saved Card from the list or check with the Saved Card issuer about its balance.

e4.1. System detects expired Saved Card and prompts Customer either to select another Saved Card from the list or to be redirected to add a new Saved Card.