

Author	Date	Rev	ID
Approved	Product		

## **(ATM) Handout 3.5**

### **- Use Case Report -**

### **Refill money and Receipt Paper**

Date	Rev	ID
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## 1 Brief Description

The Maintenance crew refills money, receipt paper and envelopes.

## 2 Flow of Events

### 2.1 Basic flow

- 1 Open the ATM from the back side
  - 2 Open the tray for paper and put more paper in the tray. Close the tray.
  - 3 Remove all money cassettes that have the empty sign on.
  - 4 Insert new full cassettes in the empty slots.
  - 5 The ATM register replacements on the log.
  - 6 Remove the "trash bin"
  - 7 Insert a new empty "trash bin"
  - 8 Restart the ATM and wait for a "OK, I'm working fine message"
  - 9 The ATM verifies at start up:
    - There is paper in the tray
    - All cassettes contain money
    - The trash bin is empty
    - There is space on the log tape.
- If all tests go right, an "OK, I'm working fine message" is issued.
- 10 Close the ATM

### 2.2 Alternate flows

#### 2.2.1 Cassette with money removed

If a cassette that still contains money is removed from the ATM then a warning will sound. What is the level of money that can be regarded as almost empty?

#### 2.2.2 Cassette with no money inserted

If the ATM finds that the new cassette is empty a warning message is issued in step 9.

#### 2.2.3 No cassette inserted

If there is a cassette missing in step 9, then a warning message is issued.

#### 2.2.4 Door not closed

How to detect that the Door is not closed?

#### 2.2.5 Paper not refilled

If the paper is not refilled then an error message will be issued at step 9.

## 3 Relationships

The Actor starting this Use Case is:

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Maintenance crew

Actor(s) also involved in this Use Case:

## 4 Special Requirements

None identified for this use case.

Date	Rev	ID
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