**A fully dressed scenario**

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| **Number** | 1 | |
| **Name** | Buy a metro ticket using TVM | |
| **Summary** | Customer buy a metro ticket by his credit card | |
| **Priority** | 1 | |
| **Preconditions** | User has a valid credit card | |
| **Postconditions** | User has withdrawn metro ticket and received a receipt | |
| **Primary Actor(s)** | TVM Customer | |
| **Secondary Actor(s)** | Bank server | |
| **Trigger** | User has chosen to buy a metro ticket | |
| **Main Scenario** | **Step** | **Action** |
|  | 1 | System displays ticket types |
|  | 2 | User chooses the type of ticket |
|  | 3 | System asks for payment method |
|  | 4 | User select pay by credit card |
|  | 5 | System asks user to insert his credit card |
|  | 6 | User insert his credit card |
|  | 7 | System asks user to enter the PIN |
|  | 8 | User enter the PIN |
|  | 9 | System connects to the bank server and verifies PIN |
|  | 10 | System create a transaction and connects to the bank server and debits user’s account |
|  | 11 | System asks how user wants to receive the receipt |
|  | 12 | User select paper receipt |
|  | 13 | System prints and dispenses receipt and ticket |
|  | 14 | User removes receipt and ticket |
|  | 15 | System displays a message to remove the credit card |
|  | 16 | User removes card |
|  | 17 | System displays welcome message |
| **Extensions** | **Step** | **Branching Action** |
|  | 9a | System notifies user that PIN is incorrect |
|  | 9b | System asks to enter PIN two more times |
|  | 9c | User enters incorrect PIN for three time |
|  | 9d | System display a message that user cannot use this card to buy metro ticket within an hour |
|  | 9e | System displays a message to remove the credit card |
|  | 9f | User removes card |
|  | 9g | System displays welcome message |
| **Open Issues** | 1 |  |