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| General Information | |
| Use Case ID Number : UC118  Subject Area : Register  Description : Use case for cash payment | Responsible Analyst : Ryan Williams |

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| Requirements/Feature Trace | |
| **REQ#** | Requirements Name and / or Short Description |
| 3 | The system shall handle digital payments |
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| --- | --- | --- |
| Revision History | | |
| Author | **Date** | **Comments** |
| Ryan Williams | 4/16/2016 | The system shall verify and charge digital payments |
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| **Insertion Points in other Use Cases** | | |
| Use Case Name | **Use Case Number** | **Step Inserted After** |
| N/A |  |  |
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| **Actors** | | |
| **Actor Name** | **P/S** | **Brief Description** |
| Cashier | P | Cashier interacts with the system |
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| **Pre-Conditions** | |
| # | Description |
|  | Cashier has logged into the system and has started a transaction with a customer. |

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| **Start Stimulus** |
| Cashier has hit the cash payment hot key |

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| **Use Case Main Course Steps** | | | |
| **Number** | **Description** | **Adds/Alt UC Name/Number** | **Bus Rule(s)#** |
| 01 | Cashier hits the payment option menu key |  |  |
| 02 | Cashier selects cash payment option |  |  |
| 03 | Cashier inputs amount |  |  |
| 04 | System displays change information |  |  |
| 05 | Transaction is completed |  |  |
| 06 | Register is reset and waits until another transaction |  |  |
| 07 |  |  |  |

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| **Exception Conditions** | | |
| **Exception Situations** | **Action(s) on Exception** | **Adds/Alt Use Case #** |
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| Post-Conditions | |
| **#** | **Description** |
| 1 | Changed is dispensed to Customer |
| 2 | Register resets |

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| **Candidate Objects** | | |
| **Class/Object Name** | **Descriptions** | **Possible**  **attributes** |
| Customer | Customer | Name, rewards |
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| **Assumptions** | | | | | |
| **#** | **Assumption** | **Date**  **Raised** | **Raised**  **By** | **Date**  **Verified** | **Verified By** |
| 1 | Customers only speak English? | 4/18/16 | Ryan Williams |  |  |
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| **Issues** | | | | | |
| **#** | **Issue** | **Date**  **Raised** | **Raised**  **By** | **Date**  **Verified** | **Verified By** |
| 1 | Register could be touch, keyboard, or mouse operated | 4/18/16 | Ryan Williams |  |  |
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| **Other Comments** | | |
| **Author** | **Comment** | **Date** |
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| Frequency of Execution |
| **Frequency:**  Minimum: 100 Maximum: 600 Average: 200 (OR)Fixed:  **Per:** Hour:Day:  Week:  Month:  Day:  Other: |

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| **Timing Information** | | | | | | | |
| **#** | **At/**  **Between** | **Step(s)** | **Timing**  **Unit** | **Minimum** | **Average** | **Maximum** | **Comments** |
| 1 | Between | 01-05 | seconds | 7 | 10 | 25 | This could be drastically different based on the customer and the cashier |
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| **Volume Information** | | | | | | |
| **#** | **Step #** | **Unit of**  **Measure** | **Minimum** | **Average** | **Maximum** | **Comments** |
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| **Alternate Course General Information** |
| Alternate Course Name:  Alternate Course Number:  Parent Use Case Name:  Parent Use Case Number:  Description:  Reason for Execution: Non Exception:  Exception:  Exception #:  Start(Trigger) Stimulus:  Type of Execution (optional): Manual:  Automatic: |

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| Insertion Point |
| Step Inserted After |
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| Pre-Conditions | |
| 1. |  |
| 2. |  |

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| Alternate Course Steps | | | |
| **#** | **Step Description** | **Adds/Alt Use Case #** | **Business Rule(s)#** |
| 1. |  |  |  |
| 2. |  |  |  |
| 3. |  |  |  |
| 4. |  |  |  |

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| Post-Conditions | |
| 1. |  |
| 2. |  |