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| General Information | |
| Use Case ID Number : UC130  Subject Area : Register  Description : Options menu interface | Responsible Analyst : Ryan Williams |

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| Requirements/Feature Trace | |
| **REQ#** | Requirements Name and / or Short Description |
| 4 | The system shall display information about a sale |
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| Revision History | | |
| Author | **Date** | **Comments** |
| Ryan Williams | 4/21/2016 | The system shall display information about a sale |
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| **Insertion Points in other Use Cases** | | |
| Use Case Name | **Use Case Number** | **Step Inserted After** |
| Register Login | 100 | Last step |
|  |  |  |

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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 option menu key | 131,132,133,134 |  |
| 02 |  |  |  |
| 03 |  |  |  |
| 04 |  |  |  |
| 05 |  |  |  |
| 06 |  |  |  |
| 07 |  |  |  |

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| **Exception Conditions** | | |
| **Exception Situations** | **Action(s) on Exception** | **Adds/Alt Use Case #** |
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| Post-Conditions | |
| **#** | **Description** |
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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 |  |  |  |  |  |  |  |
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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: Register Options Logout Button Pressed  Alternate Course Number: 131  Parent Use Case Name: Options menu interface  Parent Use Case Number: 130  Description: This is the button that logs the cashier out of the register  Reason for Execution: Non Exception:  Exception:  Exception #:  Start(Trigger) Stimulus: Pressing the logout button in the menu  Type of Execution (optional): Manual:  Automatic: |

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| Insertion Point |
| Step Inserted After |
| Step 1 |

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| Pre-Conditions | |
| 1. | Cashier is logged in |
| 2. | Transaction is not in progress |

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| Alternate Course Steps | | | |
| **#** | **Step Description** | **Adds/Alt Use Case #** | **Business Rule(s)#** |
| 1. | Cashier presses logout button |  |  |
| 2. | System logs out cashier |  |  |
| 3. | Register returns to login screen |  |  |
| 4. |  |  |  |

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| Post-Conditions | |
| 1. | Program has returned to login screen and waits for cashier to login |
| 2. |  |

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| **Alternate Course General Information** |
| Alternate Course Name: Register Options Close Button Pressed  Alternate Course Number: 132  Parent Use Case Name: Options menu interface  Parent Use Case Number: 130  Description: This is the button that closes the options menu in the register  Reason for Execution: Non Exception:  Exception:  Exception #:  Start(Trigger) Stimulus: Pressing the close button in the menu  Type of Execution (optional): Manual:  Automatic: |

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| Insertion Point |
| Step Inserted After |
| Step 1 |

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| Pre-Conditions | |
| 1. | Cashier is logged in |
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| Alternate Course Steps | | | |
| **#** | **Step Description** | **Adds/Alt Use Case #** | **Business Rule(s)#** |
| 1. | Cashier presses close button |  |  |
| 2. | Option page is closed |  |  |
| 3. | Transaction continues |  |  |
| 4. |  |  |  |

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| Post-Conditions | |
| 1. | Transaction continues |
| 2. |  |

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| **Alternate Course General Information** |
| Alternate Course Name: Register Options Catalog Button Pressed  Alternate Course Number: 133  Parent Use Case Name: Options menu interface  Parent Use Case Number: 130  Description: This is the button that opens the item catalog in the register  Reason for Execution: Non Exception:  Exception:  Exception #:  Start(Trigger) Stimulus: Pressing the close button in the menu  Type of Execution (optional): Manual:  Automatic: |

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| Insertion Point |
| Step Inserted After |
| Step 1 |

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| Pre-Conditions | |
| 1. | Cashier is logged in |
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| Alternate Course Steps | | | |
| **#** | **Step Description** | **Adds/Alt Use Case #** | **Business Rule(s)#** |
| 1. | Cashier presses catalog button |  |  |
| 2. | Option page is closed |  |  |
| 3. | Catalog Page is displayed | 136 |  |
| 4. | Cashier uses catalog until close button is clicked |  |  |

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| Post-Conditions | |
| 1. | Transaction continues |
| 2. |  |

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| **Alternate Course General Information** |
| Alternate Course Name: Register Options Add Customer Button Pressed  Alternate Course Number: 134  Parent Use Case Name: Options menu interface  Parent Use Case Number: 130  Description: This is the button that opens the add customer in the register  Reason for Execution: Non Exception:  Exception:  Exception #:  Start(Trigger) Stimulus: Pressing the close button in the menu  Type of Execution (optional): Manual:  Automatic: |

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| Insertion Point |
| Step Inserted After |
| Step 1 |

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| --- | --- |
| Pre-Conditions | |
| 1. | Cashier is logged in |
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| Alternate Course Steps | | | |
| **#** | **Step Description** | **Adds/Alt Use Case #** | **Business Rule(s)#** |
| 1. | Cashier presses add customer button |  |  |
| 2. | Option page is closed |  |  |
| 3. | Add Customer Page is displayed | 137 |  |
| 4. | Cashier presses the submit or close buttons |  |  |

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| Post-Conditions | |
| 1. | Transaction continues |
| 2. | Customer is created in the system and added to the transaction |