Customer Ninja RTM document #2

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| Entry | Paragraph # | Requirements Traceability Matrix | Requirement Type |
| 1 | 1.0 | Shall provide software for retail Point-of-Sale | SW |
| 2 | 1.0 | Shall provide means for tracking customers and inventory control through a database | SW |
| 3 | 1.0 | Shall provide ability to analyze customers purchasing habits and establish a means of marketing based on those as well as maintaining a rewards program for loyal customers | SW |
| 4 | 1.0 | Must maintain segmentation of software through permissions, allowing managers permissions for more secure operations, and keeping lower level employees isolated from sensitive information. | SW |
| 5 | 2.0 | Shall provide for use on a local Windows machine utilizing mouse and keyboard for input | HW |
| 6 | 3.0 | Shall provide a GUI allowing access to all features of the software | SW |
| 7 | 3.0 | GUI must be intuitive for POS system and integrate well with windows environment | SW |
| 8 | 4.0 | Shall allow quick access to inventory item selection and quantity | SW |
| 9 | 4.0 | Shall display the selected items on the transaction, displaying the appropriate cost including taxes | SW |
| 10 | 4.0 | Shall provide payment processing and cash till management | SW |
| 11 | 5.0 | Shall allow employees to update customer information including address, phone number, date of birth | SW |
| 12 | 5.0 | Must store customer information securely in a persistent local database, also allowing the customers purchases to be logged | SW |
| 13 | 6.0 | Shall allow management to manually enter transactions, update inventory, process refunds, and add or delete employees | SW |
| 14 | 7.0 | Shall provide an isolated and secure GUI based database entry for inventory and customer information | SW |
| 15 | 8.0 | Shall provide a set of visual based GUI functional customer base analysis tools | SW |
| 16 | 9.0 | Shall provide means of encoding a customers ID onto a magnetic card utilizing a magnetic reader/encoder in order to reward loyal customers | SW/HW |