



Use Case	Description	Requirement ID
UC-1 Start Purchasing Session	A cashier needs to start a purchasing session when serving a customer, a cashier can also cancel the session at any time.	R-1 R-2
UC-2 Barcode Scanner	Used to scan all products. Can also be used to cancel products.	R-3 R-7 R-8
UC-3 Unknown Product Error	If a product is scanned and it is unknown in the system, the cashier will be able to enter the barcode manually.	R-4
UC-4 Payment	When all products have been	R-5

	scanned, the customer can choose how they want to pay (Cash, Debit or Credit). Debit and Credit require a 3rd party system.	R-8
UC-5 Receipt	After the payment is complete, The cashier will end session and print a receipt that contains	R-6
UC-6 Local Database	The cash register contains a local database of all products	R-9

ID	Quality Attribute	Scenario	Associated Use Case
QA-1	Maintainability	It is expected that in the future, all hardware platforms are able to be changed.	UC-2 Barcode Scanner UC-4 Payment
QA-2	Modifiability	It is expected that the database of products will be adjusted after products are purchased or restocked.	UC-6 Local Database
QA-3	Security	All 3rd party payment systems must be safe for customers to use.	UC-4 Payment

ID	Constraint
CON-1	A 3rd party payment system must be used for all credit and debit purchases.



