

## Quality Scenarios

ID	Quality Attribute	Scenario	Associated Use Case	Associated requirement
QA-1	Modifiability	It is expected in the future that new types of hardware platforms will be brought, these new hardware platforms will be able to be added successfully to the system without any changes to the database or other parts of the system.	All	R-08
QA-2	Performance	The barcode scanner scans the products that a customer would like to purchase, if the barcode scanner fails and is unable to successfully scan a product it will be logged as a miss rate, the user must manually input the barcode of the product.	UC-5	R-04
QA-3	Usability	The keyboard and payment system must be user friendly in order to minimize chances of error, the cash register interface is easy to understand to inexperienced users. The cashier will be able to use the system more efficiently and effectively.	UC-3	R-05
QA-4	Availability	The cash register contains a database of products, the database must have an availability percentage of 99.99%, the database must be available during all product purchasing sessions.	UC-2	R-09
QA-5	Security	Since there are many cashiers and money in the cash register, when a cashier starts the session, it is possible to know the cashier that started the session, all the transactions they have completed 100% of the time.	UC-1	R-01