

## Quality Attributes

ID	Quality Attribute	Scenario	Associated Use Case
QA-1	Security	A product buying session will only be able to be initiated given the fact that the cashier has done so via keyboard input. If a product was attempted to be scanned before this, the barcode would not be scanned and the session will remain closed.	UC-1
QA-2	Performance	If at any point during the process the cashier decides to cancel the session, they only need to input once into the keyboard. Every product that has been scanned up tot that point will be immediately removed thus saving the time of having to remove each product one by one.	UC-1
QA-3	Performance, usability	During the session a cashier can at any point input into the keyboard that they wish to remove a product. After this is done rather than add the next product that is scanned, it will instead remove it from the session. This allows the cashier to continue a session rather than remove every single product and start from the beginning with a new process.	UC-4
QA-4	Interoperability	Once all the products of the session have been scanned, the cashier will select a payment option. If the option selected is debit or credit than a third party software will be used to complete the payment. Once payment is complete, normal system operation will resume.	UC-3
QA-5	Modifiability	If a newer version of the cash register is desired to be implemented. The hardware platforms should be easily upgradable without affecting the database of products or changing the overall function of the session	UC-5