

## System Level Test

What is system level testing?

As the topic title implies; it is to test the system and make sure that it works properly.

BusinessDictionary.com gives a perfect definition for this, “the process of performing a series of test on a system to explore the functionality or to identify problems. System testing is usually required before and after a system is put in place. A series of systematic procedures are referred to while testing is being performed. these procedures tell the tester how the system should perform and where common mistakes may be found. Testers usually tries to “break the system” by entering data that may cause the system to malfunction or return incorrect information. For example, a tester may put in a city in a search engine designed to only accept states to see how the system will respond to the incorrect input.

Here is a system level test for the application that I’m developing

Function	What’s expected	Test with Right / Wrong inputs	Result Pass/Fail
Application Controller	Option to select from a new or old list. It is a string input. Numbers are invalid inputs should produce an error.	Right  Wrong	Pass  Partially fail; it throws error message but ends application
Shopping Cart View	It should display first two lines indicating the option to choose from	Right  Wrong	Pass  Pass
Give a name to the List	It is a string and integer input.  You can name or give a number to the list	Right  Wrong	Pass  Pass
Adding Items Names	It should only take strings as input	Right  Wrong	Pass  Fail
Adding Quantity of Items	It should only take integers as input	Right Wrong	Pass Pass
Application Compile	The application should compile without errors		Pass