











University of Toronto	Department of Computer Scie
Whittaker's	s QuickTests
Explore the input domain	Explore stored data constraints
1. Inputs that force all the error messages to appear	11. Force a data structure to store too many or too few values
2. Inputs that force the software to establish default values	12. Find ways to violate internal data constraints
3. Explore allowable character sets and data types	Explore feature interactions
4. Overflow the input buffers	13. Experiment with invalid
5. Find inputs that may interact, and test combinations of their values	operator/operand combinations 14. Make a function call itself recursively
6. Repeat the same input numerous times	15. Force computation results to be too big or too small
Explore the outputs	16. Find features that share data
7. Force different outputs to be	Vary file system conditions
generated for each input	17. File system full to capacity
8. Force invalid outputs to be generated	18. Disk is busy or unavailable
9. Force properties of an output to	19. Disk is damaged
change	20. invalid file name
10. Force the screen to refresh	21. vary file permissions
	22. vary or corrupt file contents













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Automated Kind of Behavior Per Functionality Cross Functional Manual			Manual
Business Facing	Acceptance Tests Business Intent (Executable Specification)	Usability Testing Is it pleasurable?	
Automated	Component Tests Architect Intent (Design of the System)	Exploratory Testing Is it self-consistent	Manual
Technology Facing	Unit Tests Developer Intent _(Design of the Code)	Property Testing Is it Responsive, Secure, Scalable?	Poppendieck and Brian Marick
Automated	Support Development	Critique Product	Special-Purpose Tool - Based
Purpose of Tests			