

Testing Report



Cohort 3 Group 6 - Carbon Goose

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a) Briefly summarise your testing method(s) and approach(es), explaining why these are appropriate for the project. (4 marks, ≤ 1 page)


Traceability matrix

- Tests on rows
- Requirements on columns
- “x” means the test is for that requirement
- Every column should have an “x” (all requirements are tested)
- Every row should have an “x” (all tests are related to a requirement)
- Rows/columns with multiple “x” may point to test/requirement overlaps

Requirement Identifiers	Reqs Tested	REQ1 UC 1.1	REQ1 UC 1.2	REQ1 UC 1.3	REQ1 UC 2.1	REQ1 UC 2.2	REQ1 UC 2.3.1	REQ1 UC 2.3.2	REQ1 UC 2.3.3	REQ1 UC 2.4	REQ1 UC 3.1	REQ1 UC 3.2	REQ1 TECH 1.1	REQ1 TECH 1.2	REQ1 TECH 1.3
Test Cases	321	3	2	3	1	1	1	1	1	1	2	3	1	1	1
Tested Implicitly	77														
1.1.1	1	x													
1.1.2	2		x	x											
1.1.3	2	x											x		
1.1.4	1			x											
1.1.5	2	x												x	
1.1.6	1		x												
1.1.7	1			x											
1.2.1	2				x		x								

https://en.wikipedia.org/wiki/Traceability_matrix

^^^ This should be useful - Adam

 Requirements

b) Give a brief report on the actual tests, including statistics of what tests were run and what results were achieved, with a clear statement of any tests that are failed by the current implementation. If some tests failed, explain why these do not or cannot be passed and comment on what is needed to enable all tests to be passed. If no tests failed, comment on the completeness and correctness of your tests instead (10 marks, ≤ 3 pages).

c) Provide the precise URLs for the testing material on the website: this material should comprise the testing results and coverage report generated by your automated testing tooling, and descriptions of manual test-cases that you designed to test the parts of the code that could not be covered by your automated tests (4 marks)