

1. Does the code compile following the README instructions?
Yes, tested on university computer.
2. Does the code run following the README instructions?
Yes, tested on university computer.
3. Does the client communicate with the Aggregation Server?
Yes, tested on university computer.
4. Does the Content Server communicate with the Aggregation Server?
Yes, tested on university computer.
5. Does the basic control flow work?
Yes, Test 1 will demonstrate
6. Does the aggregation server order requests?
Yes, using Priority Queue
7. Is XML parsing implemented?
Yes, implemented in xml parser from txt to xml and xml to txt
8. Is the Aggregation Server persistent?
Yes, exception handler to handle error.
9. 10. Is restore on failure implemented?
Retry if connection is failed or invalid content.
10. 12. Are Lamport clocks implemented?
Yes, in utils/LamportClock.java using locks.
11. 14. Is the heartbeat implemented on the Aggregation Server?
Yes, heartbeat messages are handled.
12. 15. Is the heartbeat implemented on the Content Server?
Yes, content server will send heartbeat after uploading the content.
13. 17. Is the system fault tolerant?
Yes, aggregated content are replicated, this includes the content, which servers hold the content and the heartbeat messages.
14. 18. Improvements
 - XML Parser, from content server to aggregator and from aggregator to client server.
 - Robust automatically testing.
 - Multiple entries support.
 - Colourful terminal text

15. 19. Is testing present?

Yes, automatically robust testing to run tests.

16. 20. Is testing comprehensive?

Yes, there are 8 tests detailed in readme.me

17. 22. Does the code follow the code checklist?

Yes.

18. 24. Is the design of good quality?

Very good, easy to read, comments, clean code and oop design