

CS350 Assignment 3

Marking Summary/Cover Sheet

Group Number:

Return in section:

Marker:

Group Members (Names AND Unix IDs):

Design (30 Marks):

Document of the following items. Include a short description of each item, how you implemented it and the reasoning behind your design decisions.

1. Changes to existing system calls if any were required (2 marks)
2. Synchronization and Making Operations Atomic (5 marks)
3. Remove, GetFileLen, Seek (3 marks)
4. Large Files (5 marks)
5. Growing Files (5 marks)
6. Named Pipes (10 marks)

Presentation: marks may be deducted for sloppy, poorly organized, or poorly written documentation.

Your Testing (30 Marks):

Create a test suite that proves that the following items are correctly implemented.

1. Existing / Base System Calls
2. Synchronization and Making Operations Atomic (2 marks)
3. Remove, GetFileLen, Seek (3 marks)
4. Large Files (5 marks)
5. Growing Files (5 marks)
6. Named Pipes (8 marks)
7. Error and Boundary Conditions and Stability/Stress Tests (7 marks)

Presentation: marks may be deducted for unclear or overly verbose test output or for a sloppy, poorly organized, or poorly written testing document.

Our Testing (40 Marks):

Networking (Extra Credit 10 Marks) Design, Implementation, and Testing:

Total (100 Marks: Greater than 100 is possible with extra credit):