

CS350 Assignment 3

Marking Summary/Cover Sheet

Group Number:

Return in section:

Marker:

Group Members:

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. Remove, GetFileLen, Seek
2. Large Files
3. Growing Files
4. Hierarchical Directories

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

Proof of Correctness (50 Marks):

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

1. Base System Calls
2. Remove, GetFileLen, Seek
3. Large Files
4. Growing Files
5. Directory Hierarchy
6. Error and Boundary Conditions
7. Stability/Stress Tests

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

Test Suite: The test suite should be run using “make test”. This suite should thoroughly test each question on the assignment.

(Handling and testing possible errors will help you do better on Auto Testing.)

CS350 Auto Testing (20 Marks):

Total (100 Marks):