CS350/CS354 Assignment 3 (March 14 VERSION)
Marking Summary/Cover Sheet

WARNING: If the group number, the return section, any group members, or any signatures are missing, the grade on the assignment will be zero. Fill in the required information and obtain all signatures well before the assignment deadline.

Group Number: Return in section: Marker:

Group Members:

Signatures:

By signing above I am indicating that I have read, understand, and have complied with all elements of the university policies on academic honesty (see http://watarts.uwaterloo.ca/%7Esager/plagiarism.html for details). Each member of the group must sign above.

Presentation: marks may be deducted for sloppy, poorly organized, or poorly written documents and/or implementations.

Design (30 Marks):

1. NewOpen / Open (4 marks)
2. Synchronization (5 marks)
3. Remove (3 marks)
4. Seek (3 marks)
5. Large Extensible Sparse Files (6 marks)
6. Larger Root Directory (1 marks)
7. Named Pipes (7 marks)
8. GetId, GetParentId, GetFileLen/DataSectors/TotalSectors (1 marks)

Testing (25 Marks):

1. NewOpen / Open (3 marks)
2. Synchronization (4 marks)
3. Remove (2 marks)
4. Seek (2 marks)
5. Large Extensible Sparse Files (5 marks)
6. Larger Root Directory (1 marks)
7. Named Pipes (7 marks)
8. GetId, GetParentId, GetFileLen/DataSectors/TotalSectors (1 marks)

Implementation (45 Marks):

1. File Create/Remove in larger root directory (4 marks)
2. Open/Close/Read/Write for small files (5 marks)
3. Non-sequential read/write using seek (5 marks)
4. Open/Close/Read/Write from large files (7 marks)
5. Extensible Sparse files (7 marks)
6. File system limit testing (5 marks)
7. Pipe testing (7 marks)
8. Stability (5 marks)

Total (100 Marks):