**Things to Do**

**David’s Reminders**

* Add [**zero length case to writefile**](https://secure.csse.uwa.edu.au/run/help2002?p=np&a=1707&all=y4)
* Work on SIFS\_defrag

**Nisarg’s Role**

* Testing functions that are done
  + Try different cases – try cases from your pseudocode
  + Try multi-level subdirectories
  + Check incorrect paths – e.g. access non-existing folders
  + Try recreating Chris’s volumes
  + Try to break program
  + User enters the wrong type of entry (e.g. a directory
* Checking code
  + Comments should be understandable
  + Thinking about if the function covers all cases

|  |  |  |
| --- | --- | --- |
| **Library Function Progress** | | |
| **Library Function** | **Status** | **Info** |
| *SIFS\_mkvolume* | Done, Tested | Done by Chris |
| *SIFS\_dirinfo* | Done |  |
| *SIFS\_fileinfo* | Done |  |
| *SIFS\_mkdir* | Done | [Making Directories + Path Parts](https://secure.csse.uwa.edu.au/run/help2002?p=np&a=884&all=y2)  [Identical Folder Names](https://secure.csse.uwa.edu.au/run/help2002?p=np&a=931&all=y2) |
| *SIFS\_writefile* | Done | [No Mod Time Update for Duplicates](https://secure.csse.uwa.edu.au/run/help2002?hl=modification&a=801)  [How to Use MD5](https://secure.csse.uwa.edu.au/run/help2002?p=np&a=1342&all=y4)  [Contiguous File Storage](https://secure.csse.uwa.edu.au/run/help2002?p=np&a=1288&all=y5)  [Getting Data In](https://secure.csse.uwa.edu.au/run/help2002?p=np&a=1271&all=y14)  [Getting Data In 2](https://secure.csse.uwa.edu.au/run/help2002?p=np&a=1069&all=y2)  Same Files Different Folder = We would have two directories linked to same file block  [Same Files, Different Folder 1](https://secure.csse.uwa.edu.au/run/help2002?p=np&a=1057&all=y2)  [Same Files, Different Folder 2](https://secure.csse.uwa.edu.au/run/help2002?p=np&a=1390&all=y3)  [Same Files, Different Folder 3](https://secure.csse.uwa.edu.au/run/help2002?p=np&a=1405&all=y3) |
| *SIFS\_readfile* | Done |  |
| *SIFS\_rmdir* | Done |  |
| *SIFS\_rmfile* | Done | [Shifting Entries](https://secure.csse.uwa.edu.au/run/help2002?p=np&a=828&all=y2)  [How to ‘Delete’](https://secure.csse.uwa.edu.au/run/help2002?hl=security&a=824)  [Removing Entries](https://secure.csse.uwa.edu.au/run/help2002?p=np&a=1397&all=y2) |
| *SIFS\_Defrag* | Optional | Extra marks tho |

**Do Extensive Testing for each function**

**Submit**

*Get 90% for project 2*