Test Document

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Sequence Set Group Project

Objective: Generate a sequence set as a file composed of (doubly) linked blocks of fixed-sized records comprising fixed-sized fields.

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| **Option** | **Test** |
| d | Deletes record |
| m | Displays menu |
| r | Displays record |
| f | Displays field |
| s | Displays ss |
| i | Inserts record |
| b | Prints record |
| c | Creates |
| u | Updates a record |
| x | Exits program |

Test Driver

Display record:

· Takes in the block record location indexes

o If not given it will request from command line from user

· Tests to make sure we can display records

· Works

Display field

· Takes in the block record and field index

o If not given will take from user on command line

· Tests to make sure we can display fields

· Works

Display file

· For each block

o Show its block index, the record count, and the first and last record in its vector

· Tests to see if the data from the file is properly being assigned to the records and can display properly

· Works

Display Sequence Set

· Similar to the linux more command

o Shows each block one after another with its index, record count, list of empty records, and each record one by one with its record index

· Tests to see if the blocks are properly made and displaying correct information

· Works