CSEN 79L: Lab 6 Roster using Linked List

Switch the storage mechanism from lab 3 (Roster) to singly linked-list. Also implement key iterator features.

Assignment

1. Finish the "Node" class that represents nodes in a linked list. Implement its constructor and destructor members.
2. Finish the "iterator" class, including all necessary member functions and operators.
3. Finish the "RosterLList" class: the constructor and destructor, the member functions "insert" and "erase". Make sure to handle possible allocation errors. "Erase" deletes one node from the list.
4. Implement "begin" and "end" member functions for RosterLList.
5. Write a test plan to instruct "someone else" to write the "main" function to test your class design. Then implement your main accordingly. We have provided "testRoster" code that is nearly identical to the version used in the pointer lab. You may use it as you see fit.
6. Submit all source files.