Linear Linked List
templated but will hold array of chars

public:
    insert(data_type & insert)
    remove(data_type & find_and_remove)
    get(data_type & find)
private:
    lll_node<data_type> head

Doubly Linked List
derive DLL node from LLL and add prev

public:
    insert(data_type & insert)
    remove(data_type & find_and_remove)
    get(data_type & find)
private:
    dll_node<data_type> head

Game
ABS which a card game needs to implement

public:
    // Accepts a variable list of arguments which are the users that are playing
    virtual play(player & ...) = 0;
    // Games go until there are no more turns to be made in which case this returns 0
    virtual int next_turn() = 0;
private:
    // either is a deck or has a deck I haven't decided yet, probably is a deck because all games need a deck

Player
derives from or uses an iostream

public:
    // underflow sends information to the game
    virtual underflow
    // overflow receives information from the game
    virtual overflow
    // The card you have chosen to send to game, maybe to put somewhere or discard
    char card()
private:
    // Every player needs to keep track of their hand of cards
    hand my_hand

Solitaire
derives from Game

public:
    // Takes the user that is playing
    play(player & ...)
    // Only one player so this will always talk to that player
    int next_turn();
private:
    // Solitaire uses an LLL of arrays to store the array of cards (chars) which have been put at the top
    lll top;
    // Solitaire uses an array of DLLs to manage the cards the player is manipulating
    dll columns[7]

Speed
derives from Game

public:
    // Accepts the users that are playing
    play(player & ...)
    // This will return 1 until the game is over Sped will handle players in their own thread so they can be speedy
    int next_turn();
private:
    // We need two LLLs to manage each stack that players are putting cards on
    lll stack[2]
    // We will need a mutex because the players are in threads
    mutex stack_in_use[2]