

Solitaire and Encryption Black Box Test Plan

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Introduction

Provide a brief overview of your black box test plan. Describe how you would start your application.

Our program's main() method is in its UI class. The main() method class the UserInterface() method first. The UserInterface() reads in the string specified by the user, and whether to encrypt or decrypt. The simulate() method is then called which then processes the input string. The simulate() method uses the encrypt() and decrypt() methods to process the input character by character, and eventually return the processed string.

Test ID	Description	Expected Results	Actual Results
Test Deck weblazer ajkofink	Preconditions: The program reads in the deck from the file into its linked list.	The deck read into the linked list should match the deck that is in the file.	The deck is read in correctly.
Test Encrypt weblazer ajkofink	The program reads in the deck, it is given a message, and then the program encrypts that message.	The message should be correctly encrypted based on the input string and the deck given.	The program encrypts the message iff the 'e' tag is passed when asked "encrypt or decrypt?"
Test Decrypt weblazer ajkofink	The program reads in the deck, it is given an encrypted message, and then the program decrypts that message.	The message should be correctly decrypted based on the input encrypted string and the same deck given.	The program decrypts the message when the 'd' tag is passed when asked "encrypt or decrypt?"

Document Revision History

Date	Author	Change Description
11/03/11	Weblazer	• Added the first 3 tests.
11/11/11	ajkofink	• Added results from Iteration 1
11/18/11	weblazer	• Confirmed results still held for iteration 2