Seth Denney - std0003 COMP 2710 Lab 1

Compile Instructions and Testing Results/Sample Output

Compile Instructions:

g++ -o std0003_1 STD0003_1.cpp AubieBook.cpp Page.cpp User.cpp /std0003_1

Test Group 1:

Before any user has been created or logged in, options 2-6 should not be available, as they rely on a user being logged in.

Tests:

AubieBook::postMessage()
AubieBook::displayWall()
AubieBook::displayHome()
AubieBook::addFriend()
AubieBook::switchUser()

Welcome to AubieBook!

- 1) Create a new User
- 2) Post a message
- 3) Display Wall Page
- 4) Display Home Page
- 5) Add a Friend
- 6) Switch User
- 7) Quit AubieBook

Please choose an option: 2

Please log in first.

- 1) Create a new User
- 2) Post a message
- 3) Display Wall Page
- 4) Display Home Page
- 5) Add a Friend
- 6) Switch User
- 7) Quit AubieBook

Please choose an option: 3

Please log in first.

- 1) Create a new User
- 2) Post a message
- 3) Display Wall Page
- 4) Display Home Page
- 5) Add a Friend
- 6) Switch User
- 7) Quit AubieBook

Please choose an option: 4

Please log in first.

- 1) Create a new User
- 2) Post a message
- 3) Display Wall Page
- 4) Display Home Page
- 5) Add a Friend

6) Sw	itch User
7) Qu	it AubieBook
	Please choose an option: 5
	Please log in first.
1) Cr	eate a new User
	st a message
3) Dis	splay Wall Page
	splay Home Page
	d a Friend
,	itch User
7) Qu	it AubieBook
	Please choose an option: 6
	Please log in first.
1) Cr	eate a new User
	st a message
3) Dis	splay Wall Page
	splay Home Page
	d a Friend
,	itch User
7) Qu	it AubieBook
	Please choose an option: 1
	Please enter user name: Jack
	Welcome, Jack!

- 2) Post a message
 3) Display Wall Page
 4) Display Home Page
 5) Add a Friend
 6) Switch User
 7) Quit AubieBook

Please choose an option: 7

Test Group 2:

rest Group 2.	
After the FIRST user has been created, options 5-6	should not be available, because they rely on there
existing at least one other user in the system.	• •
Tests:	
AubieBook::addFriend()	
AubieBook::switchUser()	
AudiebookswiichOser()	
Welcome to AubieBook!	
1) Create a new User	
2) Post a message	
3) Display Wall Page	
4) Display Home Page	
5) Add a Friend	
6) Switch User 7) Quit AubieBook	
/) Quit Aubiebook	
Please choose an option: 1	
Discourant Section 1	
Please enter user name: Jack	
Websers Teslel	
Welcome, Jack! ====================================	
1) Create a new User	
2) Post a message	
3) Display Wall Page 4) Display Home Page	
5) Add a Friend	
6) Switch User	
7) Quit AubieBook	
m 1 2 2	
Please choose an option: 2	
Please enter message:	
A	
\$	
1) Create a new User	
2) Post a message	
3) Display Wall Page	
4) Display Home Page	
5) Add a Friend	
6) Switch User	
7) Quit AubieBook	
Please choose an option: 3	
Jack's Wall Page	
Jack ~	
A	

- 1) Create a new User
- 2) Post a message 3) Display Wall Page
- 4) Display Home Page 5) Add a Friend
- 6) Switch User

7) Quit AubieBook

Please choose an option: 4

Jack's Home Page

Jack ~

A

- 1) Create a new User
- 2) Post a message
- 3) Display Wall Page 4) Display Home Page
- 5) Add a Friend
- 6) Switch User
- 7) Quit AubieBook

Please choose an option: 5

No other users created.

- 1) Create a new User
- 2) Post a message
- 3) Display Wall Page
- 4) Display Home Page 5) Add a Friend
- 6) Switch User
- 7) Quit AubieBook

Please choose an option: 6

No other users created.

- 1) Create a new User
- 2) Post a message
- 3) Display Wall Page
- 4) Display Home Page 5) Add a Friend
- 6) Switch User
- 7) Quit AubieBook

Please choose an option: 7

Test Group 3: After the SECOND user has been created, all options should be available for selection. Tests: AubieBook::createUser() AubieBook::postMessage() AubieBook::displayWall() AubieBook::displayHome() AubieBook::addFriend() AubieBook::switchUser() AubieBook::quitApp() Welcome to AubieBook! 1) Create a new User 2) Post a message 3) Display Wall Page 4) Display Home Page 5) Add a Friend 6) Switch User 7) Quit AubieBook Please choose an option: 1 Please enter user name: Jack Welcome, Jack! 1) Create a new User 2) Post a message 3) Display Wall Page 4) Display Home Page 5) Add a Friend 6) Switch User 7) Quit AubieBook Please choose an option: 1 Please enter user name: Jill Welcome, Jill! 1) Create a new User 2) Post a message 3) Display Wall Page 4) Display Home Page 5) Add a Friend 6) Switch User 7) Quit AubieBook Please choose an option: 2 Please enter message: A

1) Create a new User

\$

2) Post a message
3) Display Wall Page
4) Display Home Page
5) Add a Friend
6) Switch User
7) Quit AubieBook
Please choose an option: 3
Jill's Wall Page
Jill ~
A
1) Create a new User
2) Post a message
3) Display Wall Page
4) Display Home Page
5) Add a Friend
6) Switch User
7) Quit AubieBook
Please choose an option: 4
-
Jill's Home Page
=======================================
Jill ~
A
1) Cuarta a mary Uran
1) Create a new User
2) Post a message
3) Display Wall Page
4) Display Home Page
5) Add a Friend
6) Switch User
7) Quit AubieBook
Please choose an option: 5
Di de et i vi
Please enter friend user name: Jack
1) Create a new User
2) Post a message
3) Display Wall Page
4) Display Home Page
5) Add a Friend
6) Switch User
7) Quit AubieBook
Please choose an option: 6
Please enter user name: Jack
Welcome back, Jack!

Create a new User
 Post a message

- 3) Display Wall Page 4) Display Home Page 5) Add a Friend 6) Switch User 7) Quit AubieBook

Please choose an option: 7

Test Group 4:

For menu option selection as well as menu options 5 and 6, the application should only accept appropriately 'valid' input. These restrictions will vary based on which option is selected, but all should refuse at least one type of input.

Tests:

AubieBook::displayMenu() AubieBook::addFriend() AubieBook::switchUser()

Welcome to AubieBook!

- 1) Create a new User
- 2) Post a message
- 3) Display Wall Page
- 4) Display Home Page
- 5) Add a Friend
- 6) Switch User
- 7) Quit AubieBook

Please choose an option: a

Please enter an integer 0<x<8

- 1) Create a new User
- 2) Post a message
- 3) Display Wall Page
- 4) Display Home Page
- 5) Add a Friend
- 6) Switch User
- 7) Quit AubieBook

Please choose an option: 9

Please enter an integer 0<x<8

- 1) Create a new User
- 2) Post a message
- 3) Display Wall Page
- 4) Display Home Page
- 5) Add a Friend
- 6) Switch User
- 7) Quit AubieBook

Please choose an option: !

Please enter an integer 0<x<8

- 1) Create a new User
- 2) Post a message
- 3) Display Wall Page
- 4) Display Home Page
- 5) Add a Friend
- 6) Switch User
- 7) Quit AubieBook

Please choose an option: 1

Please enter user name: Jack

Welcome, Jack!
1) Create a new User
2) Post a message
3) Display Wall Page
4) Display Home Page
5) Add a Friend
6) Switch User
7) Quit AubieBook
Diagonal
Please choose an option: 1
Discouration of the Control of the C
Please enter user name: Jill
Welcome, Jill!
D.C. A. H.
1) Create a new User
2) Post a message 3) Display Wall Page
4) Display Home Page
5) Add a Friend
6) Switch User
7) Quit AubieBook
Places shapes an antique 5
Please choose an option: 5
Please enter friend user name: a
No such user found.
Please enter friend user name: 1
No such user found.
1 to such user 10 and
Please enter friend user name: !
No such user found.
Please enter friend user name: Jack
1) Create a new Hear
1) Create a new User 2) Post a message
3) Display Wall Page
4) Display Home Page
5) Add a Friend
6) Switch User
7) Quit AubieBook
Please choose an option: 6
Please enter user name: a
No such user found.
Please enter user name: 1
r icase cinter user hathe; 1

No such user found.

Please enter user name: ! No such user found. Please enter user name: Jack Welcome back, Jack!

- 1) Create a new User

- 2) Post a message
 3) Display Wall Page
 4) Display Home Page
 5) Add a Friend
- 6) Switch User
- 7) Quit AubieBook

Please choose an option: 7

For generic use cases, the program should perform as detailed in the Lab specifications. Tests: Page::addMessage() Page::displayPage() Page::printMessages() User::addFriend() User::isFriend() Welcome to AubieBook! 1) Create a new User 2) Post a message 3) Display Wall Page 4) Display Home Page 5) Add a Friend 6) Switch User 7) Quit AubieBook Please choose an option: 1 Please enter user name: Jack Welcome, Jack! 1) Create a new User 2) Post a message 3) Display Wall Page 4) Display Home Page 5) Add a Friend 6) Switch User 7) Quit AubieBook Please choose an option: 2 Please enter message: A \$ 1) Create a new User 2) Post a message 3) Display Wall Page 4) Display Home Page 5) Add a Friend 6) Switch User 7) Quit AubieBook Please choose an option: 2 Please enter message: В 1) Create a new User 2) Post a message 3) Display Wall Page 4) Display Home Page 5) Add a Friend

Test Group 5:

6) Switch User

7) Quit AubieBook
Please choose an option: 2
Please enter message: C D S
1) Create a new User 2) Post a message 3) Display Wall Page 4) Display Home Page 5) Add a Friend 6) Switch User 7) Quit AubieBook Please choose an option: 3
Jack's Wall Page
Jack ~ C D
Jack ~ B
Jack ~ A
1) Create a new User 2) Post a message 3) Display Wall Page 4) Display Home Page 5) Add a Friend 6) Switch User 7) Quit AubieBook Please choose an option: 2
Please enter message: E
1) Create a new User 2) Post a message 3) Display Wall Page 4) Display Home Page 5) Add a Friend 6) Switch User 7) Quit AubieBook Please choose an option: 3
Jack's Wall Page
Jack ~ E

Jack ~

C D
Jack ~ B
View all messages? (y/n): n
1) Create a new User 2) Post a message 3) Display Wall Page 4) Display Home Page 5) Add a Friend 6) Switch User 7) Quit AubieBook Please choose an option: 3
Jack's Wall Page
Jack ~ E Jack ~ C D
Jack ~ B
View all messages? (y/n): y
Jack ~ A
1) Create a new User 2) Post a message 3) Display Wall Page 4) Display Home Page 5) Add a Friend 6) Switch User 7) Quit AubieBook
Please choose an option: 1
Please enter user name: Jill
Welcome, Jill!
1) Create a new User 2) Post a message 3) Display Wall Page 4) Display Home Page 5) Add a Friend 6) Switch User 7) Quit AubieBook

Please choose an option: 2

Please enter message:
F
\$
1) Create a new User
2) Post a message
3) Display Wall Page
4) Display Home Page 5) Add a Friend
6) Switch User
7) Quit AubieBook
) Quit Hubicbook
Please choose an option: 3
•
Jill's Wall Page
Jill ∼
F
•
1) Create a new User
2) Post a message
3) Display Wall Page
4) Display Home Page
5) Add a Friend
6) Switch User
7) Quit AubieBook
Please choose an option: 5
Trease choose an option. 3
Please enter friend user name: Jack
1) Create a new User
2) Post a message
3) Display Wall Page
4) Display Home Page 5) Add a Friend
6) Switch User
7) Quit AubieBook
, yan marezon
Please choose an option: 4
•
TIN TT N
Jill's Home Page
Jill ~
F
-
Jack ~
E
Jack ~
C
D
View all massages 2 (v/n), v
View all messages? (y/n): y
Jack ∼
B

Jack ~ A

- 1) Create a new User

- 2) Post a message 3) Display Wall Page 4) Display Home Page
- 5) Add a Friend 6) Switch User
- 7) Quit AubieBook

Please choose an option: 6

Please enter user name: Jack

Welcome back, Jack!

- 1) Create a new User
- 2) Post a message
- 3) Display Wall Page
- 4) Display Home Page 5) Add a Friend
- 6) Switch User
- 7) Quit AubieBook

Please choose an option: 7