

Medicord White Box Testing

11/30/13

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Black Box Defects

#	Description	How to correct	Module	Severity	Commit
1	The Close button on the 'Create Account' screen does not close the window, or do anything at all	Dispose the current screen and display the login screen	createAccount	3	84ff314
2	No character limit specified for user creation	Ensure user name has between 8 and 15 characters	createAccount	2	41acc84
3	No character limit specified for user password creation	Ensure password has 5-15 characters	createAccount	2	41acc84
4	No password verification in create account	Added password verification for when a user creates an account	createAccount	2	cdb57ec
5	User can create an account with the same username	Added check to see if username already exists in database	createAccount	2	357284f
6	Password is not hidden when creating an account	Changed JTextField components of the passwords to JPasswordField	createAccount	3	68ba202
7	Password is not hidden when logging in	Changed JTextField components of the passwords to JPasswordField	Login	3	b9318f1
8	No verification for empty textfields in Login module	Added verification to check if the fields are empty or not, if so, display an error	Login	3	59ea0cc

		message			
9	When you login to a doctor, if no name is yet given, it says "Welcome <default name>, please fill out your information".	Added a check for null username for Doctor.	frmDoctor	3	f09a96f
10	Login window stays open after logging in successfully.	Set visibility of login panel to false after logging in successfully.	Login	3	4a421b5
11	After logging in, if you haven't supplied a name it will greet you with "Welcome null!"	Add check for null username for Patient.	frmPatient	3	92a6664
12	User is able to log in with the same patient account from multiple sessions without error.	Made it so you cannot login multiple times.	Login	1	4a421b5
13	User is able to log in with the same doctor account from multiple sessions without error.	Made it so you cannot login multiple times.	Login	1	4a421b5
14	In patient information, you can select both male and female as the gender, and it saves successfully.	Put radio buttons in group so only one can be selected at a time.	frmPatient	2	89e4c38
15	Doctor window after logging in is not wide enough to show all components of the form.	Set the bounds for the panel larger.	frmDoctor	3	c472546
16	Cancelling an appointment does not refresh the appointment list.	Call updateApptTable after canceling.	frmPatient	2	fc84a6c
17	Inputting patient name as numbers is successful.	Add check to save so that it won't save numbered names.	frmPatient	3	3ee0fd2
18	Viewing appointment information after it has been	Index of the appointment list was	frmPatient	1	eaf2f63

	created did not display anything	off by 1			
19	Clicking on view appointment information doesn't release the button until the mouse leaves the button.	Displaying the appointment window fixes this issue	frmPatient	3	eaf2f63
20	In the 'Emergency Contact Number' field, you can input a single digit and it accepts it.	Checks to see it is within the valid range of a telephone number.	frmPatient	2	4fbe99aa
21	In the 'Emergency Contact Number' field, you can input 11 digits (more than a phone number should have) and it accepts it.	Checks to see it is within the valid range of a telephone number.	frmPatient	3	4fbe99aa
22	In the 'Emergency Contact Number' field, you can input a letter and it accepts it.	Checks to see if it has letters and won't accept it if it does.	frmPatient	3	4fbe99aa
23	In the 'Date of birth' field, inputting a 0 as the month (example: 0/1/1990) is accepted and puts month as 12 and deducts 1 from year (example: 12/1/89).	When saving program checks if the date of birth field is correctly formatted.	frmPatient	2	4fbe99aa
24	In the 'Date of birth' field, inputting a 0 as the day (example: 2/0/1990) is accepted and puts day as 31 and deducts 1 from month (example: 1/31/90).	When saving program checks if the date of birth field is correctly formatted.	frmPatient	2	4fbe99aa
25	In the 'Date of birth' field, inputting a 0 or 0000 as the year (example: 1/1/0 or 1/1/0000) is accepted and puts year as 01 (example: 1/1/01).	When saving program checks if the date of birth field is correctly formatted.	frmPatient	2	4fbe99aa
26	In the 'Date of birth' field, inputting a 13 as the month (example: 13/1/1990) is	When saving program checks if the date of birth field	frmPatient	2	4fbe99aa

	accepted and puts month as 1 and adds 1 to year (example: 1/1/91).	is correctly formatted.			
27	In the 'Date of birth' field, inputting a 32 as the day (example: 1/32/1990) is accepted and puts day as 1 and adds 1 to month (example: 2/1/90).	When saving program checks if the date of birth field is correctly formatted.	frmPatient	2	4fbe99aa
28	In the 'Date of birth' field, inputting too many backslashes in your input (example: 1/1/1/1) will be accepted.	When saving program checks if the date of birth field is correctly formatted.	frmPatient	3	4fbe99aa
29	Patient cannot save a 7 digit number as an emergency contact.	Emergency Contact is now formatted correctly	frmPatient	2	4fbe99aa
30	Trying to schedule an appointment with invalid information, such as no date, does not throw an error.	Now checks for date and reason for appointment.	frmPatientAppt Info	1	43cd241
31	When you schedule an appointment successfully, the schedule appointment window does not close on its own.	Disposes of the appointment frame after successfully creating appointment.	frmPatientAppt Info	3	43cd241
32	Patient name cannot have a space.	Patient name must be formatted with only letters and spaces now	frmPatient	3	4fbe99aa
33	When filling out doctor information, cannot unselect 'Male'.	Fixed the radio buttons in doctor's form	frmDoctor	3	11d9eb58
34	Schedule button on Make Appointment dialog is not wide enough for the text.	Widen patient schedule appointment button	frmPatientAppt Info	1	f7ca7435f
35	Doctor can edit a patient's information	Doctor can no longer edit a patient's	viewPatient	3	e2ad253d

		information			
	Patient was able to change doctor information even though there was no save button	Changed all the textfields in the form to be non-editable	viewDoctor	3	bb30cf4
36	Patients cannot sort doctors by name	doctors are indirectly sortable via the appointments window	frmPatient	3	4fbe99aa
37	Doctor can select both male and female in account information	Uncheck male if female is checked and vice versa	frmDoctor	1	
38	Patient can select both male and female in account information	Uncheck male if female is checked and vice versa	frmPatient	1	
39	User can't log into any accounts without internet connection.	Set an error message when it can't connect to database.	MedicalDatabase	1	8e1912d
40	Doctor's patient list does not update until the doctor logs out and logs in.	Update the doctor's appointment list periodically	frmDoctor	3	e7f7bc7
41	Text fields have some undefined maximum character count. If exceeded, no information is saved from that field	errors now pop up to constrain character counts	multiple modules	2	dc7675588
42	When a patient schedules an appointment with a doctor, the appointment will show up in other doctor's 'Patient list's.	Doctors can now only view their own patients appointments	importdb	1	6876132
43	Doctor is allowed to enter an empty emergency contact.	Doctor must now enter a 10 digit number as emergency contact in order to save.	frmDoctor	2	9afd79a

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#	Description	How to correct	Module	Severity	Commit
1	Patient Emergency contact number was not included in the update query	Added the emergency contact field to the update query	Importdb	1	4fbe99a
2	In creating an appointment, the reason for the appointment's textbox can overflow when exceeding 100 characters.	Create a check to make sure it is not going over and alert when over 100 characters.	frmPatientAppointmentInfo	3	43cd241
3	In creating an appointment, the date given cannot be in the past.	Takes the current time of the appointment and seeing if the given date is before it. If it is, throw an error	frmPatientAppointmentInfo	2	43cd241
4	Oracle db throws exception when name field is longer than 20 characters	Added character limit checks to all name text fields	frmPatient, frmDoctor	2	dc76755
5	In creating an appointment, the notes textbox can overflow when exceeding 100 characters.	Create a check to make sure it is not going over and alert when over 100 characters.	frmPatientAppointmentInfo	3	3f494a3
6	closing a window sometimes closes all of the windows	Changed the on window close operation to dispose instead of exit	viewPatient, viewDoctor, frmDoctorAppointmentInfo, frmPatientAppointmentInfo	3	91e55ea
7	No message displayed if the user and password doesn't match in the database	Added error message if the username and password do not match	Login	3	e1c794f

8	Redundant code to limit length of text fields	Use JTextFieldLimit instead of hijacking key typed events	frmDoctor, frmPatientApptInfo	3	bf5c9967
9	Database was vulnerable to SQL injection	Sql statements were prepared prior to execution to prevent injection	multiple modules	1	6787f59d
10	Almost all classes have unnecessary main methods	Remove unnecessary main methods	multiple modules	3	04ae43ebbf
11	Author comments cause visual noise	Remove author comments	multiple modules	3	c8156277f9
12	File permissions are inconsistent	Set all file permissions to 644 for consistency	multiple modules	3	dc895b0ec6
13	Template comments cause visual noise	Remove template comments	multiple modules	3	258fca2
14	Unused imports cause warnings	Remove unused imports	multiple modules	3	12ff8e0491
15	Database code is commented out	Remove commented out code	Driver	3	3f041649a
16	Length of already limited text fields are being checked	Remove length checks since limit is guaranteed	frmDoctor, frmPatient	2	e7a0cf1f2d0d5
17	Some methods are completely empty	Remove empty methods	multiple modules	2	16a1286c3501b