**Medicord Black-Box Test Plan**

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A. Medicord Login/Logout 001, Create Account, Severity 1

B. Use special characters/alphabets/numbers combination to create account name and password

C. Some combination should be failing as inappropriate combinations

A. Medicord Login/Logout 002, Create Account, Severity 2

B. Try use different password or leave empty when "confirm password"

C. Create account should fail

A. Medicord Login/Logout 003, Create Account, Severity 1

B. Try to choose user type, patient/doctor/both

C. User should only allow creating under one type for each account

A. Medicord Login/Logout 004, Create Account, Severity 1

B. Use the same username created successfully before to create a new account

C. Should not be able to, as username should be unique

A. Medicord Login/Logout 005, Create Account, Severity 3

B. Try "close" in create account

C. Should close out the window and go back to login screen

A. Medicord Login/Logout 006, Login Account, Severity 1

B. Try to login with correct username&password, incorrect username&password, and correct username & incorrect password

C. Should be able to login only with correct username&password

A. Medicord Login/Logout 007, Login Account, Severity 1

B. Login to both Patient & Doctor account

C. The main UI should look different since one is for patient, one is for doctor

A. Medicord Login/Logout 008, Logout Account, Severity 3

B. Try use logout button

C. Should return to login screen

A. Medicord Login/Logout 009, Close Program, Severity 3

B. Try use "X" to close windows

C. Should only close current window, if this was the last window, program should exit

A. Medicord Login/Logout 010, UI, Severity 2

B. As switching between, "create account", "login account", "mainUI"

C. Only one window should exist or selectable

A. Doctor Side 001, log in into a doctor, Severity 1

B. Login using a doctor account

C. The doctor UI should show up and display the information I saved before

A. Doctor Side 002, enter the basic information, Severity 1

B. Enter the required information of the doctor

C. I should be able to enter the information and the information I entered should be correctly displayed

A. Doctor Side 003, display the correct saved information, Severity 2

B. Once enter the doctor view, check the display of the doctor information

C. The information I entered before should be correctly displayed

A. Doctor Side 004, UI of doctor view, Severity 3

B. Once enter the doctor view, check the layout of the window

C. The doctor UI should be well organized, i.e. the window should be in right size, and the texts should be in the middle of the view

A. Doctor Side 005, save the basic information, Severity 1

B. Click the save button after entering the basic information

C. The user should be able to save the information he/she entered

A. Doctor Side 006, logout button, Severity 2

B. Click the logout button of the doctor view

C. The user should be send back to the login view and all the fields of the old view should be cleared

A. Doctor Side 007, phone number filed, Severity 3

B. Enter some texts into the phone number field

C. The program should check if the phone number is valued. i.e. 10 digits long, does not have chars

A. Doctor Side 008, welcome message, Severity 2

B. Once enter the doctor view, check the welcome message

C. The welcome message should be displayed with the correct name

A. Doctor Side 009, switch between tabs, Severity 1

B. Click on the “patient list” tab on the doctor view

C. The correct tab should be shown

A. Doctor Side 010, radio box test, Severity 1

B. Click on the radio boxes

C. Only one of the radio boxes should be marked as ‘clicked’ one time.

A. Doctor Side 011, design logic, Severity 3

B. Check if all the fields in basic information make sense

C. All the fields should be reasonable and make sense to the user. i.e. the backend ID should not be shown

A. Doctor Side 012, log in to the patient account, Severity 1

B. Login the main panel using a patient account

C. Patient UI should pop up and showing the recorded information about this patient

A. Doctor Side 013, input of basic information for patient, Severity 1

B. Input the required information about the patient

C. It should be able for user to input patient basic information and there should be a proper display.

A. Doctor Side 014, check validity of patient information, Severity 2

B. After got switched into patient GUI, the recorded information about patient should be shown.

C. Data stored about a particular patient should be showed up and remains identical to previously saved one.

A. Doctor Side 015, GUI for patient, Severity 2

B. After login as patient, the patient UI should be displayed

C. GUI panel for patient should be ready to use, including the change of size, correct and valid patient records showing up.

A. Doctor Side 016, check validity of patient appointment information, Severity 2

B. After choose specific patient, view the appointment previously made

C. Appointments patient made should be identical to the previously made appointments.

A. Doctor Side 017, match of Doctor vs. Patient appointment information, Severity 2

B. Do some book keeping on the patient side appointments and check the match on doctor side appointment list

C. Appointments we recorded in the patient X list should match appointment list of doctor Y.

A. Doctor Side 018, switch input text field for patient, Severity 2

B. After login as patient, when we try to switch from a input field to another.

C. Multiple input fields should be always ready for new inputs and never stuck.

A. Doctor Side 019, safe logout for patient, Severity 2

B. Click the logout for patient

C. It should exit the patient panel and back to the main page, no information about patient should be retained.

A. Doctor Side 020, ensure no several logins as patient, Severity 2

B. Try login multiple times on one/several client ends.

C. No several logins as patient at one time is allowed as it may leak patient information and exposure to others.

A. Doctor Side 021, button/select for patient UI, Severity 2

B. Try to click each button in patient UI

C. Ever click in the patient UI should be valid.

A. Patient 001, Close Command, Severity 1

B. When closes a window, only close the current window

C. The program will close the current window, and back to the previous window.

A. Patient 002, Login Command, Severity 3

B. Log in the user

C. Log in the user, after log in, the log in window will close.

A. Patient 003, Date of Birth Command, Severity 2

B. Store the date of birth to server

C. After user make the save change button, it will save the data to server.

A. Patient 004, View Appointment Information, Severity 2

B. It will get information from server

C. It will let the user view the appointment information.

A. Patient 005, Cancel Appointment, Severity 2

B. Let server cancels the appointment

C. The server will delete the information user stored and cancel the appointment.

A. Patient 006, Gender Command, Severity 1

B. Store the gender information of patient

C. It will store the gender information. Either a male or a female.

A. Patient 007, Schedule Command, Severity 1

B. Schedule an appointment with doctor

C. It should schedule an appointment with doctor

A. Patient 008, Schedule Command, Severity 1

B. Show all the appointment in the window

C. It should show all the appointment it scheduled with the doctors.

A. Patient 009, View Info Command, Severity 2

B. View the doctor’s info

C. It will show all the information of the doctor you are interested in.

A. Patient 010, Schedule Command, Severity 1

B. Schedule an appointment with the doctor

C. Show “Appointment scheduled” when user entered all the correct information, otherwise it should show “Please enter the correct information”.

A. Patient 011, Name Command, Severity 2

B. Leave name blank, or input is in wrong format.

C. After user clicks save changes, related warning message is popped up.

A. Patient 012, Date of Birth Command, Severity 2

B. Leave Date of Birth blank or input is in wrong format.

C. After user clicks save changes, related warning message is popped up.

A. Patient 013, Gender Command, Severity 2

B. Click Male, and click Female.

C. After clicking Female, the “Male” radio button is unchecked.

A. Patient 014, Emergency Contact Number, Severity 2

B. Leave Emergency Contact Number blank or input is wrong format.

C. After user clicks save changes, related warning message is popped up.

A. Patient 015, Logout Command, Severity 1

B. Click logout button.

C. All pages are gone after clicking logout button.

A. Patient 016, Doctor Command in Make New Appointment, Severity 1

B. Select no one for Doctor.

C. Warning message is popped out.

A. Patient 017, Schedule Command, Severity 1

B. Fill all needed appointment information.

C. After clicking schedule button, make appointment page is gone.

A. Patient 018, View appointment Information Command, Severity 2

B. Click view appointment information button.

C. All information about the selected appointment is showed up.

A. Patient 019, Cancel Appointment Command, Severity 1

B. After selecting one appointment, and click Cancel Appointment button.

C. Selected appointment is canceled properly.

A. Patient 020, Date Command in Make new appointment, Severity 2

B. Leave Date blank or input format is unreadable.

C. Warning message is popped out based on this error.