Virtual Clinic - Functional Testing & Outcomes

Test No	Function	Pre Conditions	Test Description(steps)	Expected Outcome	Outcome
1	Patient Registration	System is setup and functional	1. User clicks on register button 2. User enter email as username 3. User enters password, firstname, lastname 4. User reenters password 5. User clicks register button	Page displays profile page for user and an option to logout	
1.1	Patient Registration	System is setup and functional	1. User clicks on register button 2. User enter email as username 3. User enters password, firstname, lastname 4. User reenters password but different then the above first password 5. User clicks register button	Page displays error message saying second password field doesn't match	
1.2	Patient Registration	System is setup and functional	1. User clicks on register button 2. User enter email as username 3. User enters password 4. User leaves firstname and lastname blank 5. User clicks register button	Page displays error message saying that the fields are missing input	
2	System Setup	System is visited first time	1. First time user enters the email as username 2. User enters the password 3. User reenters the password, first name, last name 4. User clicks on Register account button	Page is redirected to admin profile and displays message saying Succesfully setup admin account.	
2.1	System Setup	System is visited first time	1. First time user enters the email as username 2. User enters the password 3. User reenters the password but different from the above first password, first name, last name 4. User clicks on Register account button	Page displays error message saying that the password field doesn't match	
2.2	System Setup	System is visited first time	1. First time user enters the email as username 2. User enters the password 3. User reenters the password,leaves first name, last name blank 4. User clicks on Register account button	Page displays error message saying that the fields are missing input	
3	User Login	System is setup and functional	1. User enters username and password 2. User clicks the login button	Page displays the profile of the corresponding user	
4	Add speciality	System is setup and functional and is on speciality page Admin has logged in	1. Admin clicks on add speciality button 2. Adds speciality name and description 3. Clicks on add speciality button	Speciality page displays the added speciality	
4.1	Add speciality	System is setup and functional and is on speciality page Admin has logged in	1. Admin clicks on add speciality button 2. Keeps one of the fields speciality name or description 3. Clicks on add speciality button	The page shows the user to enter the desired field	

4.2	Add speciality	System is setup and functional and is on speciality page Admin has logged in	1. Admin clicks on add speciality button 2. Fills both the fields(but it already exists) 3. Clicks on add speciality button	The page shows error and says duplicate entry	(red)
5	Delete speciality	System is setup and functional and is on speciality page Admin has logged in	1. Admin clicks on delete speciality button 2. Cancel confirmation box pops up. 3. Admin clicks on delete the speciality	Speciality page displays the other specialities that were not deleted	(green)
6	Add symptom	System is setup and functional and is on speciality page Admin has logged in	1. Admin clicks on add symptom button 2. Adds symptom name and description 3. Clicks on add symptom button	Speciality page does not get changed	(green)
6.1	Add symptom	System is setup and functional and is on speciality page Admin has logged in	1. Admin clicks on add symptom button 2. Keeps one of the fiels symptom name or description 3. Clicks on add symptom button	The page shows the user to enter the desired field	(green)
6.2	Add symptom	System is setup and functional and is on speciality page Admin has logged in	1. Admin clicks on add symptom button 2. Fills both the fields(but it already exists) 3. Clicks on add symptom button	The page shows error and says duplicate entry	(red)
7	Delete symptom	System is setup and functional and is on speciality page Admin has logged in	1. Admin clicks on delete speciality button 2. Cancel confirmation box pops up. 3. Admin clicks on delete the speciality	Speciality page displays the other specialities that were not deleted	(green)
8	Employee Registration	System is setup and functional. Admin is logged in	1. Admin clicks create new user option 2. Admin enters email, password, and fullname 3. Admin reenters password . 4. Admin chooses the role of the new user 5. Admin clicks register button	Page displays that account for the user has been successfully created	(green)
8.1	Employee Registration	System is setup and functional. Admin is logged in	1. Admin clicks create new user option 2. Admin leaves fields blank 3. Admin clicks register button	Page displays error message highlighting the input fields to fill them.	(green)
9	Archive Users	System is setup and functional. Admin is logged in and is on Manage Users page	1. Admin clicks on Archive user option for the user wanting to archive 2. Pages shows a confirmation box to archive the user. 3. Admin clicks Confirm User archive	The user is successfully archived and doesn't show the user in the users list	(green)
10	Restore Users	System is setup and functional. Admin is logged in and is on Archived Users page	1. Admin clicks on Restore user option for the user wanting to restore 2. Pages shows a confirmation box to restore the user. 3. Admin clicks Confirm User restore.	The user is successfully restored and shows the name on the users page	(green)
11	View Activity	System is setup and functional. Admin is logged in. A Patient account has been created. A Patient has succesfully logged in, created anappointment, cancelled the appointment, and logged out	Admin is on Activity Page	The page shows in a table format, the activities done login, appointment creation, cancellation of appointment, and logged out along with the time of each activity.	(green)

12	View System Statistics	System is setup and functional. Admin is logged in.	1. Admin is on View System Statistics Page 2. Admin chooses the start date 3. Admin chooses the end date 4. Admin clicks Get Statistics button	The page shows the system statistics in the given period	
12.1	View System Statistics	System is setup and functional. Admin is logged in.	1. Admin is on View System Statistics Page 2. Admin leaves the date fields blank. 3. Admin clicks Get Statistics button	The page shows an error message saying those are required fields	
13	Import Users	System is setup and functional. Admin is logged in.	1. Admin is on CSV Management Page 2. Admin browses the csv to upload 3. Admin clicks on Import button	The page displays message saying the users are succesfully uploaded	
13.1	Import Users	System is setup and functional. Admin is logged in.	1. Admin is on CSV Management Page 2. Admin browses the csv to upload but doesn't have the required fields 3. Admin clicks on Import button	The page displays message saying the users couldn't be uploaded, please check the CSV format	
14	Import Hospital	System is setup and functional. Admin is logged in.	1. Admin is on CSV Management Page 2. Admin browses the csv to upload 3. Admin clicks on Import button	The page displays message saying the hospitals are succesfully uploaded	
14.1	Import Hospital	System is setup and functional. Admin is logged in.	1. Admin is on CSV Management Page 2. Admin browses the csv to upload but doesn't have the required fields for hospital registration 3. Admin clicks on Import button	The page displays message saying the hospitals couldn't be uploaded, please check the CSV format	
15	Export Users	System is setup and functional. Admin is logged in.	1. Admin is on CSV Management Page 2. Admin checks the Export Users radio button 3. Admin clicks on Submit button	The CSV for the users will be generated and admin can save it wherever required	
15.1	Export Hospitals	System is setup and functional. Admin is logged in.	1. Admin is on CSV Management Page 2. Admin checks the Export Hospital radio button 3. Admin clicks on Submit button	The CSV for the hospitals will be generated and admin can save it wherever required	
15.2	Export Users/Hospitals	System is setup and functional. Admin is logged in.	1. Admin is on CSV Management Page 2. Admin does not check any radio option 3. Admin clicks on Submit button	The page will show an error message showing to select a radio button option	
16	Create an appointment	System is setup and functional user is logged in	1. User clicks on appointment button 2. User clicks on new appointment. 3. Fills the appointment form correctly 4. user clicks on create appointment	Appointment gets created	

16.1	Create an appointment	System is setup and functional user is logged in	1. User clicks on appointment button 2. User clicks on new appointment. 3. Fills the appointment form incorrectly (start time after finish time) 4. user clicks on create appointment	Page displays to enter correct information	
17	Provide consultation	System is setup and functional doctor is logged in	1. Doctor clicks on prescription button 2. Fills the prescription form correctly 3. Doctor clicks on add prescription	Prescription gets added	
17.1	Provide consultation	System is setup and functional doctor is logged in	1. Doctor clicks on prescription button 2. Fills the prescription form not completely 3. Doctor clicks on add prescription	Page displays to fill the desired entry	
18	Deliver Medicines	System is setup and functional chemist is logged in	1. Chemist clicks on prescription button 2. Updates its delivery status 3. clicks on update prescription	Delivery status gets updated	
19	Perform Lab tests	System is setup and functional lab is logged in	1. Lab clicks on prescription button 2. Uploads the test results 3. Updates the precription	Prescription gets updated	
19.1	Perform Lab tests	System is setup and functional lab is logged in	1. Lab clicks on prescription button 2. Display the test results 3. clicks on return to medical tests	Test page shows the desired medical test result then return to lab page	
20	Patient display	System is setup and functional patient is logged in	1. Patient clicks on medical info button	Page displays the medical history of patient	
20.1	Patient display	System is setup and functional patient is logged in	1. Patient clicks on medical test button	Page displays the medical test results of patient	
20.2	Patient display	System is setup and functional patient is logged in	1. Patient clicks on prescription button	Page displays the prescription of patient	
21	Update Profile	System is setup and functional. Patient is logged in	1. User clicks on Update Profile 2. User updates the fields 3. User clicks on Update Profile button	Page displays message that the profile is successfully updated.	
21.1	Update Profile	System is setup and functional. Patient is logged in.	1. User clicks on Update Profile 2. User updates the field, but enters date later then current date 3. User clicks on Update Profile button	Page displays message showing to enter correct birthdate	
21.2	Update Profile	System is setup and functional. Patient is logged in	1. User clicks on Update Profile 2. User updates the field, but enters date 200 years ago 3. User clicks on Update Profile button	Page displays message showing to enter correct birthdate	

22	Change Password	System is setup and functional, user is logged in	1. User is on Change Password page 2. User enters current password 3. User enters the new password and then reenters the new password. 4. User clicks on Change Password button	Page displays that the password is successfully updated	
22.1	Change Password	System is setup and functional, user is logged in	1. User is on Change Password page 2. User enters current password 3. User leaves all the fields blank 4. User clicks on Change Password button	Page displays an error message saying all fields are required.	
22.2	Change Password	System is setup and functional, user is logged in	1. User is on Change Password page 2. User enters current password 3. User enters the new password but renters then new password wrong 4. User clicks on Change Password button	Page displays an error message saying the passwords are different.	
22.3	Change Password	System is setup and functional, user is logged in	1. User is on Change Password page 2. User enters current password 3. User enters the new password and reenters the new password but password is same as previous password 4. User clicks on Change Password button	Page displays error message saying the new password should be different from the previous one.	