

Test Planner and Tracker			f261-06d	Team D - DoctorWhy???			
Test No. ID	Related Systems / User Story	Pre-conditions	Test Description (steps)	Expected Outcome	R1 Outcome (color code cell background)	R2 beta Outcome (color code cell background)	R2 Outcome (color code cell background)
1	Patient Registration Success- Users sign up to become a Patient by providing their personal contact information, proof of insurance and unique login credentials.	User is on the website.	User provides the required information to create an account. The user then submits their valid information and they are brought to the website as a patient account.	User has created an account with valid information in the website.	Registration of a patient is complete	Registration of a patient is complete	Registration of a patient is complete
2	Patient Registration Failure- Users sign up to become a Patient by providing their personal contact information, proof of insurance and unique login credentials.	User is on the website.	User attempts to provide the invalid required information to create an account. The user then tries to submit their invalid information and they are then warned about their mistake.	User is warned that the information they have given is invalid and they must fix the issue before submitting	Patient information validation is complete for r1	Patient information validation is complete for r2	Patient information validation is complete for r2
3	Update Patient Profile Information Success - Patients can update their profile information	User is on the website and is on their user account.	User navigates to their profile and is able to change their medical information. This information is still valid but is changed from the original.	User has updated their patient profile	Patient can update their information	Patient can update their information	Patient can update their information, added Emergency contact information
4	Update Patient Profile Information Failure - Patients can update their profile information	User is on the website and is on their user account.	User navigates to their profile and is able to change their medical information. This information is invalid and the website should warn the user to fix the mistakes before submitting.	User has attempted to change their information but was warned of any mistakes they have made.	Patient must complete the information required for r1	Patient must complete the information required for r2	Patient must complete the information required for r2
5	Create or Update Patient Appointment Success - Patients, doctors and nurses can create or update an appointment with a doctor and at one of the doctor's available locations. If the patient or doctor already has an appointment at the time selected, then the system will not allow for the appointment.	User is on the website and using either a patient, doctor, or nurse account.	User navigates to the calendar and sees their available time to make appointments. The user can then select a time and type of appointment to make. This appointment is completely valid and the user is able to confirm their appointment on the calendar page.	User has successfully made an appointment and can view it on their calendar	Patient can create appointments within the database and can access that information as seen from the calendar page, although deleting appointments is still a work in progress	Patient can create appointments and can access their appointments from the calendar page	Patient can create appointments and can access their appointments from the calendar page

6	<p>Create or Update Patient Appointment Failure - Patients, doctors and nurses can create or update an appointment with a doctor and at one of the doctor's available locations.</p> <p>If the patient or doctor already has an appointment at the time selected, then the system will not allow for the appointment.</p>	User is on the website and using either a patient, doctor, or nurse account.	User navigates to the calendar and sees their available time to make appointments. The user can then select a time and type of appointment to make. This appointment is invalid in some way such as (at the same time of another appointment, the doctor selected is unavailable, or an invalid input). The website should then provide the user with a warning to fix the issue and not create the appointment on the calendar.	The user is warned of their mistake and the invalid appointment is not created.	Patient can create appointments within the database and can access that information as seen from the calendar page, although deleting appointments is still a work in progress	Patient can create appointments and can access their appointments from the calendar page	Patient can create appointments and can access their appointments from the calendar page
7	Cancel Patient Appointment Doctor/Patient - Doctors and Patients can cancel their existing appointments.	User is on the website and using a Doctor or patient account	User navigates to the calendar and sees their appointments. The user can select an appointment and cancel the appointment.	The user has successfully deleted the appointment from the website	Patient can create and look at existing Appointments with their doctor but deleting the appointment is a work in progress	User can cancel appointments on their calendar	User can cancel appointments on their calendar
8	Cancel Patient Appointment Nurse - Nurses cannot cancel (only modify) existing appointments.	User is on the website and using a Nurse account	User navigates to the calendar and sees all the appointments for the day. The user can select an appointment and modify the contents and update the appointment.	The user has updated the appointment	The Appointments can be edited and viewed but not deleted	User can update appointments	User can update appointments
9	Logging System Activity - For security, many actions in the system will be logged for review at a later date.	User is logged in on an administrator account.	The user can navigate to the History section of the administrator version of the website. The user then can view the log of all the previous actions taken place on the website	The user views a log of past events on the website	A log is created that keeps track of all actions on the website for r1	A log is created that keeps track of all actions on the website for r2	A log is created that keeps track of all actions on the website for r2
10	Viewing Activity Log - Administrators will be able to view the logs of all system activity for a given time-frame at their hospital.	User is logged in on an administrator account.	The user navigates to the Entry tab of the administrator website. This page displays detailed statistics such as (Most common system activities by patient/doctor).	The user views the statistics of activity on the website.	A log is created that keeps track of all actions on the website for r1	A log is created that keeps track of all actions on the website for r2	A log is created that keeps track of all actions on the website for r2
11	Export Information - Patients will be able to export their information and their test results from the system with relevant privacy warnings.	User is logged in on a patient.	The user navigates to their profile and selects the information they want to export.	The user has successfully exported the desired information.	NA	User can view the uploaded information and download it	User can view the uploaded information and download it

12	Add/Remove Prescriptions - Doctors can add or remove a prescription to a patient record. Nurses can view the prescriptions of patients belonging to the same hospital. Patients can view their prescriptions from their account.	User is logged in.	The user navigates to the prescription page. There they can add and remove a new prescription to the page.	The user has created and/or removed prescriptions from the patient's profile	NA	Doctor can create and delete prescriptions for patients	Doctor can create and delete prescriptions for patients
13	Release Test Results - Doctors can, upon evaluating a patient's test results, release them for view by that patient. Comments may be added to the specific test result for view by the patient.	User is logged in on a Doctor Account	The Doctor can select the test result for the patient they want to release from the patient's profile page. From there they can add a comment if they like and then submit the release to be sent to the patient.	The Patient who is receiving the test results can view them and the comment made by the doctor	NA	Patient can view the uploaded test results and the message from the doctor	Patient can view the uploaded test results and the message from the doctor
14	Admission and discharge to/from Hospital - Doctors and Nurses can admit a patient to the hospital for an extended stay (reasons could be: emergency, observation, surgery, etc.). These are typically unexpected visits but can result from a decision made after a scheduled appointment. This event is recorded by the system. Doctors are the only ones to approve a patient's discharge from the Hospital. This event is recorded by the system.	User is logged in on either a Doctor or Nurse account	The user goes to the patient profile they want to admit/discharge and admit/discharge them from their hospital with a brief description. Then the user will be alerted of the success or failure to admit/discharge.	The Patient is admitted/discharged from the hospital the doctor account chooses.	NA	Doctors and but not Nurses can admit/discharge patients to and from their current hospital	Doctors and Nurses can admit/discharge patients to and from their current hospital
15	Viewing system statistics - Administrators will be able to view compiled statistics for a given time-frame at their hospital.	User is logged on as an administrator through django administration	The admin navigates to the Entries section of the home administration page. From here they can sort their search with the options on the right side and view all Entries.	The admin is able to view the website statistics.	NA	Admin can view basic statistics within the django administration page	Admin can view statistics within the website

16	<p>Patient Transfer - Patient can be transferred between hospitals.</p> <p>Transfers can be carried out by either administrators or by doctors (ones who are at the receiving hospital).</p>	User is logged on as an administrator or doctor	The user selects the patient profile they wish to transfer to their hospital. Once the transfer is complete they will be able to see the patient belongs to the new hospital.	The Patient has been transferred from one hospital to another	NA	Patients can be transferred between hospitals by admins and doctors	Patients can be transferred between hospitals by admins and doctors
17	<p>Upload Patient Information - Doctors will be able to upload the results of a patient's tests if needed.</p> <p>Doctors will be able to upload images such as those used in X-Rays to update a patient's record.</p> <p>Uploads are considered as updates to a patient's medical information.</p>	User is logged on as a doctor	The user navigates to the Upload File page and selects a file to upload to a patient and submits it.	The patient receives the uploaded information	NA	Patient can receive uploaded information from a doctor	Patient can receive uploaded information from a doctor
18	Send Private Message - Doctors, nurses, patients and administrators can send private messages of limited length via the system.	User is logged on to the website	The user navigates to the messenger and then selects a recipient to send a message to. The user writes a message and then sends the message. The user who receives the message will see the message in their messenger.	The message was sent between the sender and receiver	NA	All Users can send private messages to whom they please	All Users can send private messages to whom they please
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