

Select ONE use case to be implemented in this sprint.

UC01 Manage Records

- For the use case you selected, define four (if possible) distinct test cases that focus on different aspects of the use case (e.g., typical behavior vs. edge cases).
- Each test case should include the following components (consider the provided template):
 - Test Case ID: A unique identifier for the test case.
 - Test Objective: A clear description of what the test case aims to verify.
 - Preconditions: Any setup or conditions that must be in place before running the test.
 - Test Steps: A detailed list of steps to execute the test.
 - Input Values: Data used to test the scenario.
 - Expected Results: What the system should do in response to each step, including any outputs or changes in the system's state.

TC02 - Login Page - Authenticate Successfully on gmail.com

Last updated on: 29th Nov 2021, Last Saved by: Jake Bartlett
A registered user should be able to successfully login at gmail.com

PRECONDITION: the user must already be registered with an email address and password.
ASSUMPTION: a supported browser being used.

TEST STEPS:

1. Navigate to gmail.com
2. In the 'email' field, enter the email address of the registered user
3. Click the 'Next' button
4. Enter the password of the registered user
5. Click 'Sign in'

EXPECTED RESULTS: A page displaying the gmail user's inbox should load, showing any new messages at the top of the page

Test Case ID	TC01 - Manage Records Page - Successfully making and saving changes to the PDF
Objective	Successfully making and saving changes to the PDF
Preconditions	The user must have logged in as a doctor and already added a new patient with documented information. The user must have navigated to the records

	edit page of an existing patient.
Assumptions	A supported browser is being used, user is connected to internet
Test Steps	<ol style="list-style-type: none"> 1. The user types new information into the displayed record using the PDF editor 2. The user selects the Save button
Input Values	New information string, button elements
Expected Results	The user successfully makes changes to the record using the PDF editor and the updated PDF is saved within the SQL database in the backend

Test Case ID	TC02 - Manage Records Page - Successfully downloading the PDF
Objective	Successfully downloading the PDF
Preconditions	The user must have logged in as a doctor and already added a new patient with documented information. The user must have navigated to the records edit page of an existing patient.
Assumptions	A supported browser is being used, user is connected to internet
Test Steps	<ol style="list-style-type: none"> 1. The user selects the Download PDF button
Input Values	Button elements
Expected Results	The patient's record PDF is successfully downloaded to the user's downloads folder

Test Case ID	TC03 - Manage Records Page - Successfully uploading a PDF
Objective	Successfully uploading a PDF
Preconditions	The user must have logged in as a doctor and already added a new patient with documented information. The user must have navigated to the records edit page of an existing patient.
Assumptions	A supported browser is being used, user is connected to internet, the user has a PDF with updated patient information
Test Steps	<ol style="list-style-type: none"> 1. The user selects the Upload PDF button 2. The user selects the new PDF they want to upload 3. The new PDF is displayed on the record edit page

Input Values	Button elements, new PDF
Expected Results	The new PDF is displayed on the record edit page and is saved in the SQL database backend

Test Case ID	TC04 - Manage Records Page - Invalid file type upload while uploading a PDF
Objective	Invalid file type upload while uploading a PDF
Preconditions	The user must have logged in as a doctor and already added a new patient with documented information. The user must have navigated to the records edit page of an existing patient.
Assumptions	A supported browser is being used, user is connected to internet, the user has a file which is not in the PDF format
Test Steps	<ol style="list-style-type: none"> 1. The user selects the Upload PDF button 2. The user selects the invalid file 3. System displays message informing actor of invalid file type and the PDF is not updated
Input Values	Button elements, invalid file
Expected Results	System displays message informing actor of invalid file type and the PDF is not updated

Doctor home page

	back	doctor	patient	
		view patients		
		new patient		
		profile settings		

Doctor existing patients page

	back	doctor	patient	

