Assignment 3

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Subject! - Set @ & CSA3741 - Software testing for buertness management.

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that place it to and

- 3) Write test cases for GMAIL
- A) Test Case 1: login Functionality
- > Functional: Verify that users can successfully log in with valid & Coedentials.
- -> Non Functional: check for sesponse time and system performance during the login process.
- -> Parstfall: Pars if a user can log in succentrally; otherwise, fail.

Test Casez > Send Email

- +> Functional: Confirm that users can send an email to a secipient.
- -> Non-Functional: Measure the time taken to send an email and ensure the system remains responsive.
- -) Paus Fail :- Par if an email is set sent swarsfully; Otherwise, fail

Tast Case 3: Inbon Display

- I Functional: Ensure that the users box inbox displays all seceived emails
- > Non-Functional: (heck the load time and responsiveness of the inbox, especially with a large number of emails
- -) Pars/Fail: Pars if the inbour duplays all emails; otherwise; fail.

Test Case Lif Attachments *

- + Functional: Verify that users can attach files to emails.
- > Non-Functional. Test the maximum file size allowed for attachments and the speed of uploading attachments.
- > Paus Fail: Paus if attachments can be added sucressfully; otherwise; fail.

Test case 54 Sewich Functionality

- I functional: Test the search features to ensure users can find specific emails.
- wens can find specific emouls.

 -> Non-Functional: Measure the search setrieves
 selevant emouls; other wise is bil.
- -> Non-Functional Measure the Reason speed and a cowacy for different season queines
- -> paus/Fail: Paus if the search retrieves revelant emouls inthen wise fail.

Test Case 6: Spam Detection

- -> Functional: Confirm that emails marked as spam are filtered correctly
- -> Non-Functional Evaluate the efficient by of the spam filter and its impact on system performance. Auntourie
- -> Pars/Failit Pars if spam emails are filtered out; otherwise, fail. Test Case 7:- (50% - Device Sync

- -> Functional: Test if emails, foldory, and labels are synchronized across different devices.
- -> Non- Fundlond: Check the synchronization speed and consistency of data.
- -> Pars/ Fail: Par if date is consistent across devixes; otherwise fail.

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Test Case 8: Email Deletion

- I Functional : Verify that were con delete emonts from their med inbor.
- I Non-Functional: Measure the speed of deleting single and multiple emails
- -> Pan | Fail : Pan if emails can be deleted Sucressfully: otherwise, fail.

Test some case 9: Wers Interface (UT)

- I Functional! Ensure that the UI elements are correctly displayed and functional.
- I Non-Functional! Test the UT's responsiveness, readability and user-friendliness.
- -> Paul Fail: Paul if the Ut is wer-friendly and functional as expected; otherwise Bil.

Test (are 10) Acrount Recovery

Test care io! Account Rec

- -) Functional! Text the process of seconoming a forgother password on locked areactount
- -> Non Functional: Evaluate the ease of use and the security of the account recovery process.
- I Pan/Fail! Pour if are account recovery is & successful and secure: otherwise, fail.

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