QA Engineering Challenge
Test Scenarios

Author: July Moreno
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TEST SCENARIOS

1. User login

Functional testing

ID	TITLE	DESCRIPTION
TS-001	Login page accessibility	Verify the login page is accessible when opening the app
TS-002	Login fields presence	Verify if all the necessary fields (like email, and password) are present on the login page
TS-003	Successful user login with correct credentials	Verify the user can log in to the account enter valid credentials and is redirected to the intended page after successful login
TS-004	Successful user login with biometric integration	Verify the user can log in to the account through biometric e.g., (Face ID, or fingerprint) and is redirected to the intended page after successful login
TS-005	Remember Me functionality	Having the "Remember Me" feature enabled, validates the user is still logged into the account after closing the app and re-entering
TS-006	Failed user login with empty fields	Verify the user cannot log in to the account when required empty fields and an error message is displayed indicating data needs to be filled
TS-007	Failed user login with incorrect credentials	Verify the user cannot login to the account due to incorrect credentials and an error message is displayed indicating incorrect credentials
TS-008	Failed user login with biometric integration	Verify the user cannot log in to the account through biometrics (e.g., Face ID, or fingerprint) and an error message is displayed indicating the user cannot log in to biometric
TS-009	Failed login when pending email confirmation	Verify the user cannot log into the account before the email confirmation and an error message is displayed indicating the confirmation is pending
TS-010	Forgot Password functionality	Validate if the user received the reset instructions after entering the registered email in the forget password link
TS-011	Logout functionality	Verify the user can log out from the app after a successful login

Security testing

ID	TITLE	DESCRIPTION
TS-012	Password storage	Verify if the user's password is stored securely
TS-013	Session timeout	Verify if the user's session ends after a period of inactivity
TS-014	Session Termination	Verify if the user's session ends after logging out
TS-015	Account Lockout	Verify the user cannot log in after multiple failed attempts
TS-016	Account Recovery	Verify if the user can recover the account after it's locked

Performance testing

ID	TITLE	DESCRIPTION
TS-017	Load time	Verify the load time of the login page
TS-018	Response time	Verify the response time when the user tries to log in.
TS-019	Heavy Load	Verify the app behavior under heavy load (many users are trying to log in at the same time)

Usability testing

ID	TITLE	DESCRIPTION
TS-020	Navigation	Verify if the user can easily navigate to the login page
TS-021	Error Messages	Verify if the user receives clear error messages when login fails
TS-022	Login Process	Verify if the user can easily understand and follow the login process

2. User Registration

Functional testing

ID	TITLE	DESCRIPTION
TS-023	Registration page accessibility	Verify the registration page is accessible when tapping the registration option
TS-024	Registration fields presence	Verify if all the necessary fields (like first name, last name, email, password, confirmation password, etc) are present on the registration page
TS-025	Successful user registration	Verify the user can register to create an account using valid data and is redirected to the intended page after successful registration
TS-026	Confirmation email registration	Verify if the user receives a confirmation email after successful registration
TS-027	Failed user registration due to an invalid email format	Verify the user cannot register and an error message is displayed indicating an invalid email format
TS-028	Failed user registration due to password and confirm password not matching	Verify the user cannot register and an error message is displayed indicating the password and confirmation password do not match
TS-029	Failed user registration due to a weak password	Verify the user cannot register and an error message is displayed indicating the password is not meeting the password policy
TS-030	Failed user registration due to a duplicated email	Verify the user cannot register and an error message is displayed indicating the email was already used to create a register
TS-031	Failed user registration due to not agreeing to the terms and conditions	Verify the user cannot register and an error message is displayed indicating the terms and conditions are not agreed
TS-032	Failed registration due to empty fields	Verify the user cannot register when any or all required fields are empty and an error message is displayed indicating data needs to be filled
TS-033	Attempt to log in after a successful registration process	Verify the user can log in right after a successful login

Security testing

ID	TITLE	DESCRIPTION
TS-034	Password storage	Verify if the user's information is stored and managed securely

Performance testing

ID	TITLE	DESCRIPTION
TS-035	Load time	Verify the load time of the registration page
TS-036	Response time	Verify the response time when the user tries to register.
TS-037	Heavy Load	Verify the app behavior under heavy load (many users are trying to register at the same time)

Usability testing

ID	TITLE	DESCRIPTION
TS-038	Navigation	Verify if the user can easily navigate to the registration page
TS-039	Error Messages	Verify if the user receives clear error messages when registration fails
TS-040	Login Process	Verify if the user can easily understand and follow the registration process