Test plan 22: Restaurant Employees Tips Giver and Calculator Team_Stories_Sprint 1

Properties

Area Path:	Restaurant Employees Tips Giver and Calculator
Iteration:	Restaurant Employees Tips Giver and Calculator\Sprint 1
Owner:	Joanne Challita
State:	Active
Start date:	Monday, September 25, 2023
End date:	Monday, October 9, 2023

Suite hierarchy

Static suite: Restaurant Employees Tips Giver and Calculator Team_Stories_Sprint 1 (ID: 23)

    Requirement-based suite: 6 : As a User, I want to introduce rate limiting for password reset requests, So that we can mitigate the risk of brute force attacks on the password reset feature, enhancing the security of user accounts. (ID: 28)

    Requirement-based suite: 5 : As a User, I want to upgrade our password hashing algorithms, So that user passwords are stored securely, reducing the risk of data breaches and unauthorized access (ID: 24)

Configurations

CONFIGURATIONS IN TEST PLAN

Id	Name	Configuration variables
1	Windows 10	Operating System: Windows 10

Run settings

MANUAL RUNS

Settings:	None
Environment:	None

AUTOMATED RUNS

Settings:	None
Environment:	None

BUILD

Definition:	None
Quality:	None
Build in use:	None

Test suite 24: 5 : As a User, I want to upgrade our password hashing algorithms, So that user passwords are stored securely, reducing the risk of data breaches and unauthorized access

Properties

State:	In Progress
Type:	Requirement-based Suite
Requirement:	5: As a User, I want to upgrade our password hashing algorithms, So that user passwords are stored securely, reducing the risk of data breaches and unauthorized access

Configurations: Windows 10

Test cases (2)

Test case 21: Upgrade Password Hashing Algorithm

PROPERTIES

Test Case Id:	21
Assigned To:	Joanne Challita
State:	Design

SUMMARY

Verify that the system successfully upgrades the password hashing algorithm to enhance password security.

STEPS

#	Action	Expected value	Attachments
1	Log in to the system using the user account.		
1.1	Log in to the system using the user account.	Successful login, granting access to the user account.	
2	Navigate to the password security settings.	Access to password security settings is granted.	
3	Verify that the password hashing algorithm has been upgraded.	The system confirms that the password hashing algorithm has been successfully upgraded.	
4	Log out from the administrator account.	Successful logout from the administrator account.	

Test case 26: Verify Password Update

PROPERTIES

Test Case Id:	26
Assigned To:	Joanne Challita
State:	Design

SUMMARY

Ensure that the system validates the new password hashing algorithm during password updates.

STEPS

#	Action	Expected value	Attachments
1	Log in to the system using the user account.		
1.1	Log in to the system using the user account.	Successful login, granting access to the user account.	
2	Attempt to change the password.	The system allows the user to initiate a password change.	
3	Enter the current password (hashed with the existing algorithm) to verify the user's identity.	The system validates the user's identity.	
4	Enter a new password for the account.	The system accepts the new password for the account.	
5	Verify that the system uses the new password hashing algorithm (bcrypt) to hash and store the new password.	The system uses the upgraded hashing algorithm to securely store the new password.	
6			