

## Test plan [22](#): Restaurant Employees Tips Giver and Calculator Team\_Stories\_Sprint 1

### Properties

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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

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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

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#### CONFIGURATIONS IN TEST PLAN

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

### Run settings

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#### MANUAL RUNS

Settings:	None
Environment:	None

#### AUTOMATED RUNS

Settings:	None
Environment:	None

#### BUILD

Definition:	None
Quality:	None
Build in use:	None

Test suite [28](#): 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.

### Properties

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State:	In Progress
Type:	Requirement-based Suite
Requirement:	<a href="#">6</a> : 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.

Configurations:

Windows 10

Test cases (2)

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Test case [27](#): Configure Password Reset Rate Limit

PROPERTIES

Test Case Id:	27
Assigned To:	Joanne Challita
State:	Design

SUMMARY

Verify that the system allows administrators to configure and set up rate limiting for password reset requests.

STEPS

#	Action	Expected value	Attachments
1	Log in to the system as an administrator.		
1.1	Log in to the system as an administrator.	Successful login, granting access to administrative privileges.	
2	Navigate to the security settings or password reset settings.	Access to the security settings is granted.	
3	Save the rate limit settings.	The system saves the rate limit settings.	
4			

Test case [30](#): Test Password Reset Rate Limit

PROPERTIES

Test Case Id:	30
Assigned To:	Joanne Challita
State:	Design

SUMMARY

Verify that the system enforces the configured rate limit for password reset requests to mitigate the risk of brute force attacks.

**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	Initiate a password reset request (1st attempt).	The system successfully initiates the password reset request.	
3	Initiate a password reset request (2nd attempt) within the same hour.	Initiate a password reset request (2nd attempt) within the same hour.	
4	Attempt to initiate a password reset request (3rd attempt) within the same hour.	The system displays an error message indicating that the maximum number of password reset attempts for the hour has been reached and prevents the request.	
5	Wait for more than an hour to reset the password.	The system allows the user to initiate a password reset request after the defined reset interval.	

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