

# Test plan [15](#): Vehicle Maintenance and Mileage Tracker

## Team\_Stories\_Sprint 2

### Properties

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Area Path:	Vehicle Maintenance and Mileage Tracker
Iteration:	Vehicle Maintenance and Mileage Tracker\Sprint 2
Owner:	Wissam Nasreddine
State:	Active
Start date:	Tuesday, October 10, 2023
End date:	Tuesday, October 24, 2023

### Suite hierarchy

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Static suite: Vehicle Maintenance and Mileage Tracker Team\_Stories\_Sprint 2 (ID: [16](#))

Requirement-based suite: 5 : As a user i should be able to change my password so that i can recover my account in case i forgot my password. (ID: [25](#))

Requirement-based suite: 2 : As a user i should be able to navigate easily in the login page so that i can proceed further. (ID: [20](#))

Requirement-based suite: 4 : As a user i should be able to choose a two-factor authentication so that i can create my account securely. (ID: [17](#))

### 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 [17](#): 4 : As a user i should be able to choose a two-factor authentication so that i can create my account securely.

### Properties

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State:	In Progress
Type:	Requirement-based Suite
Requirement:	<a href="#">4</a> : As a user i should be able to choose a two-factor authentication so that i can create my account securely.
Configurations:	Windows 10

## Test cases (2)

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### Test case [14](#): Successful 2FA Setup

#### PROPERTIES

Test Case Id:	14
Assigned To:	Wissam Nasreddine
State:	Design

#### SUMMARY

Verify the successful setup of Two-Factor Authentication (2FA) during the user registration process.

#### STEPS

#	Action	Expected value	Attachments
1	User selects the 2FA method they prefer (e.g., SMS, email, or authenticator app).	The selected 2FA method is confirmed.	
2	User completes the initial setup for the chosen 2FA method (e.g., enters the mobile number, email address, or scans a QR code).	The setup process is successfully completed.	
3	User submits the registration form. (@username , @Password )	The form is submitted without errors.	
4	The system sends a 2FA code to the user's chosen method.	The user receives a 2FA code via their chosen method.	
5	User enters the 2FA code correctly.	The system accepts the code and proceeds to account creation.	

#### PARAMETERS

Shared parameter [35](#): Username,Password

username	Password
username	Password
username	password

### Test case [18](#): Incorrect 2FA Code Entry

#### PROPERTIES

Test Case Id:	18
Assigned To:	Wissam Nasreddine
State:	Design

#### SUMMARY

Checks the behavior when a user enters an incorrect 2FA code during the login process.

**STEPS**

#	Action	Expected value	Attachments
1	Attempt to log in to the user account.	The login page is accessible.	
2	Enter the correct @Username and @Password.	The system accepts the valid credentials.	
3	Enter an incorrect 2FA code.	The system displays an error message indicating that the 2FA code is incorrect.	

**PARAMETERS**

Shared parameter [35](#): Username,Password

Username		Password	
Username		Password	
username		password	

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