

## Test cases for Users of I-SPY-U

Total points of all test cases: 37,5

Name	1. User should be able to be automatically logged in
Design Date	25.4.2025
Preconditions	User has been UUID for a new device
Executed by:	
Execution date:	
Points:	3

Step	Action	Expected System Resoponse	Pass / Fail	Comment
1	Try to log in with non-existing account	account is non existent, so error is given		
2	Fill in the registering field			
3	Choose remember me	Remember me check mark appears		
4	Submit the form	user is brought to device list view and token is saved		
5	Close program	program should close		
6	Launch program	user is brought to device list view		

Post-condition      Users account is remembered

Name	2. User should be able to view devices data
Design Date	25.4.2025
Preconditions	User is logged in on an account that has a device in their list with data
Executed by:	
Execution date:	
Points:	3,5

Step	Action	Expected System Resoponse	Pass / Fail	Comment
1	Click on the given device in the list	Shows device details		
2	Opens device	Redirected to device page of the device		
3	Views device data graph	UI draws last 20 data points on a graph		

**Post-condition**      user can read the data from the device

<b>Name</b>	3. User should be able to remove a device
<b>Design Date</b>	25.4.2025
<b>Preconditions</b>	User is logged in, has a device in their list, that has data already
<b>Executed by:</b>	
<b>Execution date:</b>	
<b>Points:</b>	3,5

Step	Action	Expected System Resoponse	Pass / Fail	Comment
1	Click on the given device in the list	Shows device details		
2	Click on remove device button	A confirmation dialog shown		
3	Press delete button	popup closes and device is removed from the list		

**Post-condition**      device is no longer in the database

<b>Name</b>	4. User should be able to share a device to another user
<b>Design Date</b>	25.4.2025
<b>Preconditions</b>	User is logged in, has a device in their list, and given another user to share to
<b>Executed by:</b>	
<b>Execution date:</b>	
<b>Points:</b>	5

Step	Action	Expected System Resoponse	Pass / Fail	Comment
1	Click on the given device in the list	Shows device details		
2	Opens device	Redirected to device page of the device		
3	Switch to sharing tab	share tab is shown		
4	Fill the form with given data			
5	Click share	Confirmation dialog shown		
6	Confirm	share is added to list		

**Post-condition**      the share target and share createor can see the shared device



<b>Name</b>	5. User is able to see devices shared to them
<b>Design Date</b>	25.4.2025
<b>Preconditions</b>	User is logged in, has a device shared to the account
<b>Executed by:</b>	
<b>Execution date:</b>	
<b>Points:</b>	3

Step	Action	Expected System Resoponse	Pass / Fail	Comment
1	Switch to shares tab	shared devices tab is shown		
2	Click on a device in the list	Shows device details		
3	Open device	Redirected to the device info page		

**Post-condition**      User is able to view the data of the shared device

<b>Name</b>	6. User is able to edit the description of a device share
<b>Design Date</b>	25.4.2025
<b>Preconditions</b>	User is logged in, has a device shared to the account
<b>Executed by:</b>	
<b>Execution date:</b>	
<b>Points:</b>	5

Step	Action	Expected System Resoponse	Pass / Fail	Comment
1	Switch to shares tab	shared devices tab is shown		
2	Click on the given device in the list	Shows device details		
3	Opens device	Redirected to device info page		
4	Switch to shares tab	share tab is shown		
5	Click edit button under description	textfield is shown		
6	Change the description			
7	Click save	Confirmation is shown		

**Post-condition**      Description is updated to the share

<b>Name</b>	7. Remove a device share shared to you
<b>Design Date</b>	25.4.2025
<b>Preconditions</b>	User is logged in, has a device shared to the account
<b>Executed by:</b>	
<b>Execution date:</b>	
<b>Points:</b>	3,5

Step	Action	Expected System Resoponse	Pass / Fail	Comment
1	Switch to shares tab	shared devices tab is shown		
2	Click on the given device in the list	Shows device details		
3	Click remove share	Confirmation dialog shown		
4	Click delete button	popup closes and share is removed from the list		

**Post-condition**      Device share is no longer in database

<b>Name</b>	8. Remove a share from users own device
<b>Design Date</b>	25.4.2025
<b>Preconditions</b>	User is logged in, has a device that is shared to another user
<b>Executed by:</b>	
<b>Execution date:</b>	
<b>Points:</b>	3,5

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Step	Action	Expected System Resoponse	Pass / Fail	Comment
1	Click on the given device in the list	Shows device details		
2	Opens device	Redirected to device page of the device		
3	Switch to sharing tab	share tab is shown		
4	Click x on the given user in the shares list	Confirmation dialog is shown		
5	User confirms deletion	share is removed from the list		

**Post-condition**      Removal is updated to the database

<b>Name</b>	9. User is able to create a new device with a valid UUID
<b>Design Date</b>	25.4.2025
<b>Preconditions</b>	User is logged in
<b>Executed by:</b>	
<b>Execution date:</b>	
<b>Points:</b>	3,5

Step	Action	Expected System Resoponse	Pass / Fail	Comment
1	Click add new device in the device list	Add device popup is opened		
2	Try to add a new device with a invalid UUID			
4	Click add button	Error message is displayed		
3	Correct to a valid UUID			
4	Click add button	popup is closed and new device is added to the device list of the account		

**Post-condition**      A new device is created



<b>Name</b>	10. Edit a users device share permission
<b>Design Date</b>	25.4.2025
<b>Preconditions</b>	User is logged in, has a device in their list, and the device is shared to another user
<b>Executed by:</b>	
<b>Execution date:</b>	
<b>Points:</b>	4

Step	Action	Expected System Resoponse	Pass / Fail	Comment
1	Click on the given device in the list	Shows device details		
2	Opens device	Redirected to device page of the device		
3	Switch to shares tab	share tab is shown		
4	Click the share in the share list	share details are filled into the form		
5	Change the permissions of the share			
6	Click save	fields are emptied and success message is given		

**Post-condition**      The share permissions for the other user have been updated