# Verification of the "Username" field text input"

Verification of whether the **Username** field is filled with text as expected

No

Severity	Priority	Behavior	Туре
☆ Critical	↑ High	Positive	Functional
Layer	Is Flaky	Milestone	Automation
E2E	No	-	Automated
Status	Is Muted		

#### **Pre-conditions**

Actual

- The "EriBank" application is run
- User is not logged in
- The "Username" field is blank

#### **Post-conditions**

The "Username" field is filled with text

Step	1
Action	Enter an username
Input data	Any Text
Expected result	The "Username" field has been filled

# Removing text from the "Username" field

Verification of whether the text in the **Username** field is removed as expected

No

Severity	Priority	Behavior	Туре
☆ Critical	↑ High	Positive	Functional
Layer	Is Flaky	Milestone	Automation
E2E	No	-	Automated
Status	Is Muted		

#### **Pre-conditions**

Actual

- The "EriBank" application is run
- User is not logged in
- The "Username" field is filled with text

#### **Post-conditions**

The "Username" field is blank

Step	1
Action	Remove the username
Input data	
Expected result	The text has been removed

# Verification of the "Password" field text input"

Verification of whether the **Password** field is filled with text as expected

No

Severity	Priority	Behavior	Туре
☆ Critical	<b>↑</b> High	Positive	Functional
Layer	Is Flaky	Milestone	Automation
E2E	No	-	Automated
Status	Is Muted		

#### **Pre-conditions**

Actual

- The "EriBank" application is run User is not logged in
- The "Password" field is blank

#### **Post-conditions**

The "Password" field is filled with text

Step	1
Action	Enter a password
Input data	Any Text
Expected result	The "Password" field has been filled

# Removing text from the "Password" field

Verification of whether the text in the **Password** field is removed as expected

No

Severity **Priority Behavior** Type ☆ Critical ↑ High Positive **Functional** Is Flaky **Automation** Layer Milestone E2E **Automated** No **Status** Is Muted

#### **Pre-conditions**

Actual

- The "EriBank" application is run
- User is not logged in
- The "Password" field is filled with text

#### **Post-conditions**

The "Password" field is blank

Step	1
Action	Remove the password
Input data	
Expected result	The text has been removed

# Login with correct credentials

Verification of whether a user is logged in using correct credentials

Severity **Priority Behavior** Type ☆ Critical O Medium Positive **Functional** Milestone **Automation** Layer Is Flaky E2E Yes **Automated** 

**Status** Is Muted

Actual No

#### **Pre-conditions**

- The "EriBank" application is runUser is not logged in
- Fields are blank

#### **Post-conditions**

A user is logged in

Step	1
Action	Enter an username
Input data	Username [Correct Username]
Expected result	The "Username" field has been filled
Step	2
Action	Enter a password
Input data	Password [Correct Password]
Expected result	The "Password" field has been filled
Step	3
Action	Touch the "Login" button
Input data	
Expected result	The home view has been opened

# **Correct username with upper letters**

Verification of whether a user is logged in using the correct username with upper and lower case letters

Severity	Priority	Behavior	Туре
☆ Critical	↑ High	Negative	Functional
Layer	Is Flaky	Milestone	Automation
E2E	Yes	-	Automated
Status	Is Muted		
Actual	No		

#### **Pre-conditions**

- The "EriBank" application is run User is not logged in
- Fields are blank

#### **Post-conditions**

The error message box is displayed

Step	1
Action	Enter an username
Input data	Username [Correct Username with both lowercase and uppercase letters]
Expected result	The "Username" field has been filled
Step	2
Action	Enter a password
Input data	Password [Correct Password]
Expected result	The "Password" field has been filled
Step	3
Action	Touch the "Login" button
Input data	
Expected result	The error message box containing an error message related to an incorrect username or password is displa yed

# **Correct password with upper letters**

Verification of whether a user is logged in using the correct password with upper and lower case letters

Severity	Priority	Behavior	Туре
<b>☆</b> Critical	↑ High	Negative	Functional
Layer	Is Flaky	Milestone	Automation
E2E	Yes	-	Automated
Status	Is Muted		
Actual	No		

#### **Pre-conditions**

- The "EriBank" application is run User is not logged in
- Fields are blank

#### **Post-conditions**

The error message box is displayed

Step	1
Action	Enter an username
Input data	Username [Correct Username]
Expected result	The "Username" field has been blank
Step	2
Action	Enter a password
Input data	Password [Correct Password with both lowercase and uppercase letters]
Expected result	The "Password" field has been filled
Step	3
Action	Touch the "Login" button
Input data	
Expected result	The error message box containing an error message related to an incorrect username or password is displa yed

## **Incorrect username**

Verification of whether a user is not logged in using an incorrect username

No

Severity **Priority Behavior** Type ☆ Critical O Medium Negative **Functional** Milestone **Automation** Layer Is Flaky E2E Yes **Automated Status** Is Muted

#### **Pre-conditions**

Actual

- The "EriBank" application is runUser is not logged in
- Fields are blank

#### **Post-conditions**

The error message box is displayed

Step	1
Action	Enter an username
Input data	Username [Incorrect Username]
Expected result	The "Username" field has been filled
Step	2
Action	Enter a password
Input data	Password [Correct Password]
Expected result	The "Password" field has been filled
Step	3
Action	Touch the "Login" button
Input data	
Expected result	The error message box containing an error message related to an incorrect username or password is displayed

## Blank the "Username" field

Verification of whether a user is not logged in when the username is missing

No

Severity **Priority Behavior** Type ☆ Critical O Medium Negative **Functional** Milestone **Automation** Layer Is Flaky E2E **Automated** Yes **Status** Is Muted

#### **Pre-conditions**

Actual

- The "EriBank" application is runUser is not logged in
- Fields are blank

### **Post-conditions**

A user is not logged in

Step	1
Action	Enter a password
Input data	Password [Correct Password]
Expected result	The "Password" field has been filled
Step	2
Action	Touch the "Login" button
Input data	
Expected result	The error message box containing an error message related to an incorrect username or password is displayed

# **Incorrect password**

Verification of whether a user is not logged in using an incorrect password

No

Severity	Priority	Behavior	Туре
☆ Critical	↑ High	Negative	Functional
Layer	Is Flaky	Milestone	Automation
E2E	No	-	Automated
Status	Is Muted		

#### **Pre-conditions**

Actual

- The "EriBank" application is runUser is not logged in
- Fields are blank

#### **Post-conditions**

The error message box is displayed

Step	1
Action	Enter an username
Input data	Username [Correct Username]
Expected result	The "Username" field has been filled
Step	2
Action	Enter a password
Input data	Password [Incorrect Password]
Expected result	The "Password" field is filled
Step	3
Action	Touch the "Login" button
Input data	
Expected result	The error message box containing an error message related to an incorrect username or password is displa yed

# Blank the "Password" field

Verification of whether a user is not logged in when the password is missing

No

Severity	Priority	Behavior	Туре
<b>☆</b> Critical	O Medium	Negative	Functional
Layer	Is Flaky	Milestone	Automation
E2E	No	-	Automated
Status	Is Muted		

#### **Pre-conditions**

Actual

- Yhe "EriBank" application is runUser is not logged in
- Fields are blank

#### **Post-conditions**

The error message box is displayed

Step	1
Action	Enter an username
Input data	Username [Correct Username]
Expected result	The "Username" field has been filled
Step	2
Action	Touch the "Login" button
Input data	
Expected result	The error message box containing an error message related to an incorrect username or password is displayed

# The "Make Payment" button

Verification of whether the **Make Payment** view is opened after touching the **Make Payment** button

Severity	Priority	Behavior	Туре
☆ Critical	↑ High	Positive	Functional
Layer	ls Flaky	Milestone	Automation
E2E	No	-	Automated
Status	Is Muted		
Actual	No		

#### **Pre-conditions**

- The "EriBank" application is run
- User is logged in
- The home view is open

#### **Post-conditions**

The "Make Payment" view is open

Step	1
Action	Touch the "Make Payment" button
Input data	
Expected result	The "Make Payment" view has been opened

# The "Mortgage Request" button

Verification of whether the **Mortgage Request** view is opened after touching the **Mortgage Request** button

Severity	Priority	Behavior	Туре
☆ Critical	<b>↑</b> High	Positive	Functional
Layer	Is Flaky	Milestone	Automation
E2E	No	-	Automated
Status	Is Muted		
Actual	No		

#### **Pre-conditions**

- The "EriBank" application is run
- User is logged in
- The home view is open

#### **Post-conditions**

The "Mortgage Request" view is open

Step	1
Action	Touch the "Mortgage Request" button
Input data	
Expected result	The "Mortgage Request" view has been opened

# The "Expense Report" button

Verification of whether the **Expense Report** view is opened after touching the **Expense Report** button

Severity	Priority	Behavior	Туре
^ Major	O Medium	Positive	Functional
Layer	Is Flaky	Milestone	Automation
E2E	No	-	Automated
Status	Is Muted		
Actual	No		

#### **Pre-conditions**

- The "EriBank" application is run
- User is logged in
- The home view is open

#### **Post-conditions**

The "Expense Report" view is open

Step	1
Action	Touch the "Expense Report" button
Input data	
Expected result	The "Expense Report" view has been opened

# The "Advanced Actions" button

No

Verification of whether the **Advanced Actions** view is opened after touching the **Advanced Actions** button

Severity	Priority	Behavior	Туре
O Normal	<b>↓</b> Low	Positive	Functional
Layer	Is Flaky	Milestone	Automation
E2E	No	-	Automated
Status	Is Muted		

#### **Pre-conditions**

Actual

- The "EriBank" application is run
- User is logged in
- The home view is open

#### **Post-conditions**

The "Advanced Actions" view is open

Step	1
Action	Touch the "Advanced Actions" button
Input data	
Expected result	The "Advanced Actions" view has been opened

# The "Logout" button

Verification of whether a user is logged out after touching the **Logout** button

No

Severity	Priority	Behavior	Туре
☆ Critical	↑ High	Positive	Functional
Layer	Is Flaky	Milestone	Automation
E2E	No	-	Automated
Status	Is Muted		

#### **Pre-conditions**

Actual

- The "EriBank" application is run User is logged in
- The home view is open

#### **Post-conditions**

The user is logged out

Step	1
Action	Touch the "Logout" button
Input data	
Expected result	A user has been logged out

# The "Select" button

Verification of whether the country list is opened after touching the **Select** button

Severity	Priority	Behavior	Туре
^ Major	O Medium	Positive	Functional
Layer	Is Flaky	Milestone	Automation
E2E	No	-	Automated
Status	Is Muted		
Actual	No		

#### **Pre-conditions**

- The "EriBank" application is run
- User is logged in
- The "Make Payment" view is open

#### **Post-conditions**

The country list view is open

Step	1
Action	Touch the "Select" button
Input data	
Expected result	The country list view has been opened

# Swiping the list

Verification of whether the country list is swiped

Is Muted

No

Severity	Priority	Behavior	Туре
^ Major	O Medium	Positive	Functional
Layer	Is Flaky	Milestone	Automation
E2E	No	-	Automated

#### **Pre-conditions**

**Status** 

Actual

- The "EriBank" application is runUser is logged in
- The country list view is open

#### **Post-conditions**

The list is swipped to the desired element

Step	1
Action	Swipe the list to the desired element
Input data	String [containing a country name]
Expected result	The list has been swipped to the desired element

# Selecting a country

Verification of whether a country is selected after touching on a country list item

Severity	Priority	Behavior	Туре
^ Major	O Medium	Positive	Functional
Layer	Is Flaky	Milestone	Automation
E2E	No	-	Automated
Status	Is Muted		
Actual	No		

#### **Pre-conditions**

- The "EriBank" application is run
- User is logged in
- The country list is open

#### **Post-conditions**

- The "Make Payment" view is open
- the "Country" field is filled with country name

Step	1
Action	Swipe the list to the desired element
Input data	String [containing a country name]
Expected result	The list has been swipped to the desired element
Step	2
Action	Touch the list element
Input data	String [containing a country name]
Expected result	<ul><li>the country list view has been closed</li><li>the country name appears in the "Country" field</li></ul>

# **Correct user data**

Verification of whether a payment is successfully sent after entering correct user data

Severity	Priority	Behavior	Туре
☆ Critical	↑ High	Positive	Functional
Layer	Is Flaky	Milestone	Automation
E2E	No	-	Automated
Status	Is Muted		

#### **Pre-conditions**

Actual

- The "EriBank" application is run User is logged in
- The "Make Payment" view is openFields are blank

No

### **Post-conditions**

The home view is open

Step	1
Action	Enter a phone
Input data	Phone [Correct Phone]
Expected result	The "Phone" field has been filled
Step	2
Action	Enter a name
Input data	Name [Correct Name]
Expected result	The "Name" field is filled
Step	3
Action	Enter an amount
Input data	Amount [Correct Amount]
Expected result	The "Amount" field has been filled
Step	4
Action	Enter a country
Input data	Country [Correct Country]

•	-
Step	5
Action	Check the "Send Payment" button status
Input data	
Expected result	The "Send Payment" button is disabled
Step	6
Action	Touch the "Send Payment" button
Input data	
Expected result	An confirmation dialog box requiring confirmation to send the transaction has been displayed
Step	7
Action	Touch the "Yes" button
Input data	
Expected result	<ul><li>The "Make Payment" view has been closed</li><li>The payment has been sent</li></ul>

Expected result The "Country" field has been filled

## **Incorrect phone**

Verification of whether a payment is not sent when the phone number is incorrect

No

**Behavior** Severity **Priority Type** Major O Medium Negative **Functional** Layer Is Flaky Milestone **Automation** E2E **Automated** No **Status** Is Muted

#### **Pre-conditions**

Actual

- The "EriBank" application is run
- User is logged in
- The "Make Payment" view is open
- Fields are blank

#### **Post-conditions**

Input data

Country [Correct Country]

The error message box containing an error message related to an incorrect phone is displayed

Step	1
Action	Enter a phone
Input data	Phone [Inorrect Phone]
Expected res	ult The "Phone" field has been filled
Step	2
Action	Enter a name
Input data	Name [Correct Name]
Expected res	ult The "Name" field has been filled
Step	3
Action	Enter an amount
Input data	Amount [Correct Amount]
Expected res	ult The "Amount" field has been filled
Step	4
Action	Enter a country

Expected result The "Country" field has been filled

Step 5

Action Check the "Send Payment" button status

Input data

Expected result The "Send Payment" button is enabled

Step 6

Action Touch the "Send Payment" button

Input data

Expected result The error message box containing an error message related to an incorrect phone has been displayed

## Blank the "Phone" field

Verification of whether the **Send Payment** button is active when the phone number is missing

Severity	Priority	Behavior	Туре
^ Major	<b>↓</b> Low	Negative	Functional
Layer	Is Flaky	Milestone	Automation
E2E	No	-	Automated
Status	Is Muted		
Actual	No		

#### **Pre-conditions**

- The "EriBank" application is run
- User is logged in
- The "Make Payment" view is open
- F
- ields are blank

#### **Post-conditions**

The "Make Payment" view is open

Step	1
Action	Enter a name
Input data	Name [Correct Name]
Expected result	The "Name" field has been filled
Step	2
Action	Enter an amount
Input data	Amount [Correct Amount]
Expected result	The "Amount" field has been filled
Step	3
Action	Enter a country
Input data	Country [Correct Country]
Expected result	The "Country" field has been filled
Step	4
Action	Check the "Send Payment" button status
Input data	

## **Incorrect name**

Verification of whether a payment is not sent when the name is incorrect

SeverityPriorityBehaviorType^ Major^ HighNegativeFunctionalLayerIs FlakyMilestoneAutomationE2ENo-Automated

Status Is Muted

Actual No

#### **Pre-conditions**

- The "EriBank" application is run
- User is logged in
- The "Make Payment" view is open
- Fields are blank

#### **Post-conditions**

Input data

Country [Correct Country]

The error message box containing an error message related to an incorrect name is displayed

Step	1
Action	Enter a phone
Input data	Phone [Correct Phone]
Expected result	The "Phone" field has been filled
Step	2
Action	Enter a name
Input data	Name [Incorrect Name]
Expected result	The "Name" field has been filled
Step	3
Action	Enter an amount
Input data	Amount [Correct Amount]
Expected result	The "Amount" field has been filled
Step	4
Action	Enter a country

Expected result The "Country" field has been filled

Step 5

Action Check the "Send Payment" button status

Input data

Expected result The "Send Payment" button is enabled

Step 6

Action Touch the "Send Payment" button

Input data

Expected result The error message box containing an error message related to an incorrect name has been displayed

## Blank the "Name" field

Verification of whether the **Send Payment** button is active when the name is missing

Severity	Priority	Behavior	Туре
^ Major	<b>↓</b> Low	Negative	Functional
Layer	ls Flaky	Milestone	Automation
E2E	No	-	Automated
Status	Is Muted		

#### **Pre-conditions**

Actual

- The "EriBank" application is run
- User is logged in
- The "Make Payment" view is openFields are blank

No

### **Post-conditions**

The "Make Payment" view is open

Step	1
Action	Enter a phone
Input data	Phone [Correct Phone]
Expected result	The "Phone" field has been filled
Step	2
Action	Enter an amount
Input data	Amount [Correct Amount]
Expected result	The "Amount" field has been filled
Step	3
Action	Enter a country
Input data	Country [Correct Country]
Expected result	The "Country" field has been filled
Step	4
Action	Check the "Send Payment" button status
Input data	

## **Incorrect amount**

Verification of whether a payment is not sent when the amount is incorrect

SeverityPriorityBehaviorType^ Major^ HighNegativeFunctionalLayerIs FlakyMilestoneAutomationE2ENo-Automated

Status Is Muted

Actual No

#### **Pre-conditions**

- the "EriBank" application is run
- the user is logged in
- the "Make Payment" view is open
- fields are blank

#### **Post-conditions**

Input data

Country [Correct Country]

The error message box containing an error message related to an incorrect amount is displayed

Step	1
Action	Enter a phone
Input data	Phone [Correct Phone]
Expected res	ult The "Phone" field has been filled
Step	2
Action	Enter a name
Input data	Name [Correct Name]
Expected res	ult The "Name" field has been filled
Step	3
Action	Enter an amount
Input data	Amount [Inorrect Amount]
Expected res	ult The "Amount" field has been filled
Step	4
Action	Enter a country

Expected result The "Country" field has been filled

Step 5

Action Check the "Send Payment" button status

Input data

Expected result The "Send Payment" button is enabled

Step 6

Action Touch the "Send Payment" button

Input data

Expected result The error message box containing an error message related to an incorrect amount has been displayed

## Blank the "Amount" field

Verification of whether the **Send Payment** button is active when the amount is missing

Severity	Priority	Behavior	Туре
^ Major	<b>↓</b> Low	Negative	Functional
Layer	Is Flaky	Milestone	Automation
E2E	No	-	Automated
Status	Is Muted		

#### **Pre-conditions**

Actual

- The "EriBank" application is run
- User is logged in
- The "Make Payment" view is openFields are blank

No

### **Post-conditions**

The "Make Payment" view is open

Step	1
Action	Enter a phone
Input data	Phone [Correct Phone]
Expected result	The "Phone" field has been filled
Step	2
Action	Enter a name
Input data	Name [Correct Name]
Expected result	The "Name" field has been filled
Step	3
Action	Enter a country
Input data	Country [Correct Country]
Expected result	The "Country" field has been filled
Step	4
Action	Check the "Send Payment" button status
Input data	

## **Incorrect country name**

 $\label{prop:continuous} \mbox{ Verification of whether a payment is not sent when the country is incorrect}$ 

SeverityPriorityBehaviorType^ MajorO MediumNegativeFunctionalLayerIs FlakyMilestoneAutomationE2ENo-Automated

Status Is Muted

Actual No

#### **Pre-conditions**

- The "EriBank" application is run
- User is logged in
- The "Make Payment" view is open
- Fields are blank

#### **Post-conditions**

Action

Input data

Enter a country

Country [Incorrect Country]

The error message box containing an error message related to an incorrect country is displayed

Step	1
Action	Enter a phone
Input data	Phone [Correct Phone]
Expected result	The "Phone" field has been filled
Step	2
Action	Enter a name
Input data	Name [Correct Name]
Expected result	The "Name" field has been filled
Step	3
Action	Enter an amount
Input data	Amount [Correct Amount]
Expected result	The "Amount" field has been filled
Step	4

Expected result The "Country" field has been filled

Step 5

Action Check the "Send Payment" button status

Input data

Expected result The "Send Payment" button is enabled

Step 6

Action Touch the "Send Payment" button

Input data

Expected result The error message box containing an error message related to an incorrect country has been displayed

# Blank the "Country" field

No

Verification of whether the **Send Payment** button is active when the country is missing

Severity	Priority	Behavior	Туре
^ Major	<b>↓</b> Low	Negative	Functional
Layer	Is Flaky	Milestone	Automation
E2E	No	-	Automated
Status	Is Muted		

#### **Pre-conditions**

Actual

- The "EriBank" application is run
- User is logged in
- The "Make Payment" view is openFields are blank

### **Post-conditions**

The "Make Payment" view is open

Step	1
Action	Enter a phone
Input data	Phone [Correct Phone]
Expected result	The "Phone" field has been filled
Step	2
Action	Enter a name
Input data	Name [Correct Name]
Expected result	The "Name" field has been filled
Step	3
Action	Enter an amount
Action Input data	Enter an amount  Amount [Correct Amount]
Input data	Amount [Correct Amount]
Input data Expected result	Amount [Correct Amount]  The "Amount" field has been filled

## **Cancelling the transaction**

No

Verification of whether a payment is not sent after touching the **No** button in the message box

Severity	Priority	Behavior	Туре
☆ Critical	<b>↓</b> Low	Positive	Functional
Layer	Is Flaky	Milestone	Automation
E2E	No	-	Automated
Status	Is Muted		

### **Pre-conditions**

Actual

- The "EriBank" application is run
- User is logged in
- The "Make Payment" view is openFields are blank

### **Post-conditions**

The "Make Payment" view is open

Step	1
Action	Enter a phone
Input data	
Expected result	The "Phone" field has been filled
Step	2
Action	Enter a name
Input data	
Expected result	The "Name" field has been filled
Step	3
Action	Enter an amount
Input data	
Expected result	The "Amount" field has been filled
Step	4
Action	Enter a country
Input data	

	,
Step	5
Action	Check the "Send Payment" button status
Input data	
Expected result	The "Send Payment" button is enabled
Step	6
Action	Touch the "Send Payment" button
Input data	
Expected result	An confirmation dialog box requiring confirmation to send the transaction has been displayed
Step	7
Action	Touch the "No" button
Input data	
Expected result	<ul> <li>The confirmation dialog box has been closed</li> <li>The payment has not been sent</li> </ul>

Expected result The "Country" field has been filled

## The "Cancel" button

Verification of whether the **Make Payment** view is closed after touching the **Cancel** button

Severity	Priority	Behavior	Туре
O Normal	O Medium	Positive	Functional
Layer	Is Flaky	Milestone	Automation
E2E	No	-	Automated
Status	Is Muted		
Actual	No		

### **Pre-conditions**

- The "EriBank" application is run
- User is logged in
- The "Make Payment" view is openFields are blank

### **Post-conditions**

The home view is open

Step	1
Action	Touch the "Cancel" button
Input data	
Expected result	The "Make Payment" view has been closed

## The "Select" button

Verification of whether the country list view is opened after touching the Select button

Severity	Priority	Behavior	Туре
^ Major	O Medium	Positive	Functional
Layer	Is Flaky	Milestone	Automation
E2E	No	-	Automated
Status	Is Muted		
Actual	No		

### **Pre-conditions**

- The "EriBank" application is run
- User is logged in
- The "Mortgage Request" view is open

### **Post-conditions**

The country list view is open

Step	1
Action	Touch the "Select" button
Input data	
Expected result	The country list view has been opened

## Swiping the list

Verification of whether the country list is swiped

Is Muted

No

Severity	Priority	Behavior	Туре
^ Major	O Medium	Positive	Functional
Layer	Is Flaky	Milestone	Automation
E2E	No	-	Automated

### **Pre-conditions**

**Status** 

Actual

- The "EriBank" application is runUser is logged in
- The list is open

### **Post-conditions**

The element is visible

Step	1
Action	Swipe the list to the desired element
Input data	String [containing item name]
Expected result	The list has been swipped to the desired element

## **Selecting a country**

Verification of whether a country is selected after touching on a country list item

No

Severity	Priority	Behavior	Туре
^ Major	O Medium	Positive	Functional
Layer	Is Flaky	Milestone	Automation
E2E	No	-	Automated
Status	Is Muted		

### **Pre-conditions**

Actual

- The "EriBank" application is run
  User is logged in
- The country list is open

### **Post-conditions**

- The "Mortgaqe Request" view is openthe "Country" field is filled

Step	1
Action	Swipe the list to the desired element
Input data	String [containing a country name]
Expected result	The list has been swipped to the desired element
Step	2
Action	Touch the list element
Input data	Sreing [containing a country name]
Expected result	<ul> <li>the country list view has been closed</li> <li>the country name appears in the "Country" field</li> </ul>

### Correct user data

Verification of whether a request is successfully sent after entering correct user data

Severity	Priority	Behavior	Туре
^ Major	<b>↑</b> High	Positive	Functional
Layer	ls Flaky	Milestone	Automation
E2E	No	-	Automated
Status	Is Muted		

### **Pre-conditions**

Actual

- The "EriBank" application is run
- User is logged in
- The "Mortgage Request" view is openFields are blank

No

### **Post-conditions**

The mortgage summary view is open

Step	1
Action	Enter a phone
Input data	First Name [Correct First Name]
Expected result	The "Phone" field has been filled
Step	2
Action	Enter a name
Input data	Last Name [Correct Last Name]
Expected result	The "Name" field has been filled
Step	3
Step	3 Enter an age
Action	Enter an age
Action Input data	Enter an age  Age [Correct Age]
Action Input data Expected result	Enter an age  Age [Correct Age]  The "Age" field has been filled
Action Input data Expected result Step	Enter an age  Age [Correct Age]  The "Age" field has been filled

Expected result	The "Address 1" field has been filled
Step	5
Action	Enter an address 2
Input data	Address 2 [Correct Address 2]
Expected result	The "Address 2" field has been filled
Step	6
Action	Enter a country
Input data	Country [Correct Country]
Expected result	The "Country" field has been filled
Step	7
Action	Touch the "Next" button
Input data	
Expected result	<ul><li>The mortgage summary view is open</li><li>The request has been sent</li></ul>

### **Incorrect first name**

Verification of whether a request is not sent when the first name is incorrect

**Behavior** Severity **Priority Type** Major ↑ High Negative **Functional** Layer Is Flaky Milestone **Automation** E2E **Automated** No

**Status** Is Muted

Actual No

### **Pre-conditions**

- The "EriBank" application is run
- User is logged in
- The "Mortgage Request" view is openFields are blank

### **Post-conditions**

Input data

Address 1 [Correct Address 1]

The error message box containing an error message related to an incorrect first name is displayed

Step	1
Action	Enter a first name
Input data	First Name [Incorrect First Name]
Expected resul	tThe "First Name" field has been filled
Step	2
Action	Enter a last name
Input data	Last Name [Correct Last Name]
Expected resul	tThe "Last Name" field has been filled
Step	3
Action	Enter an age
Input data	Age [Correct Age]
Expected result The "Age" field has been filled	
Step	4
Action	Enter an address 1

Expected result The "Address 2" field has been filled

Step 5

Action Enter an address 2

Input data Address 2 [Correct Address 2]

Expected result The "Address 2" field has been filled

Step 6

Action Enter a country

Expected result The "Country" field has been filled

Step 7

Action Touch the "Next" button

Input data

Expected result The error message box containing an error message related to an incorrect first name has been displayed

## Blank the "First Name" field

Verification of whether a request is not sent when the first name is missing

No

**Behavior** Severity **Priority Type** Major ↑ High Negative **Functional** Layer Is Flaky Milestone **Automation** E2E **Automated** No **Status** Is Muted

### **Pre-conditions**

Actual

- The "EriBank" application is run
- User is logged in
- The "Mortgage Request" view is open
- Fields are blank

### **Post-conditions**

The error message box containing an error message related to a blank "First Name" field is displayed

Step	1
Action	Enter a last name
Input data	First Name [Correct First Name]
Expected result	The "Last Name" field has been filled
Step	2
Action	Enter an age
Input data	Age [Correct Age]
Expected result	The "Age" field has been filled
Step	3
Action	Enter an address 1
Input data	Address 1 [Correct Address 1]
Expected result	The "Address 1" field has been filled
Step	4
Action	Enter an address 2

Input data	Address 2 [Correct Address 2]
Expected result	The "Address 2" field has been filled
Step	5
Action	Enter a country
Input data	Country [Correct Country]
Expected result	The "Country" field has been filled
Step	6
Action	Touch the "Next" button
Input data	
Expected result	The error message box containing an error message related to a blank "First Name" field has been displaye d

### **Incorrect last name**

Verification of whether a request is not sent when the last name is incorrect

SeverityPriorityBehaviorType^ Major^ HighNegativeFunctionalLayerIs FlakyMilestoneAutomationE2ENo-Automated

Status Is Muted

Actual No

### **Pre-conditions**

- The "EriBank" application is run
- User is logged in
- The "Mortgage Request view" is open
- Fields are blank

### **Post-conditions**

Input data

Address 1 [Correct Address 1]

The error message box containing an error message related to an incorrect last name is displayed

Step	1
Action	Enter a first name
Input data	First Name [Correct First Name]
Expected resul	tThe "First Name" field has been filled
Step	2
Action	Enter a last name
Input data	Last Name [Incorrect Last Name]
Expected resul	tThe "Last Name" field has been filled
Step	3
Action	Enter an age
Input data	Age [Correct Age]
Expected result The "Age" field has been filled	
Step	4
Action	Enter an address 1

Expected result The "Address 1" field has been filled

Step 5

Action Enter an address 2

Input data Address 2 [Correct Address 2]

Expected result The "Address 2" field has been filled

Step 6

Action Enter a country

Expected result The "Country" field has been filled

Step 7

Action Touch the "Next" button

Input data

Expected result The error message box containing an error message related to an incorrect last name has been displayed

## **Blank the "Last Name" field**

Verification of whether a request is not sent when the last name is missing

SeverityPriorityBehaviorType^ Major^ HighNegativeFunctionalLayerIs FlakyMilestoneAutomationE2ENo-Automated

Status Is Muted

Actual No

### **Pre-conditions**

- The "EriBank" application is run
- User is logged in
- The "Mortgage Request" view is open
- Fields are blank

### **Post-conditions**

The error message box containing an error message related to a blank "Last Name" name field is displayed

### Steps to reproduce

Step	1
Action	Enter a first name
Input data	First Name [Correct First Name]
Expected result	The "First Name" field has been filled
Step	2
Action	Enter an age
Input data	Age [Correct Age]
Expected result	The "Age" field has been filled
Step	3
Action	Enter an address 1
Input data	Address 1 [Correct Address 1]
Expected result	The "Address 1" field has been filled
Ston	4

Step 4

Action	Enter an address 2
Input data	Address 2 [Correct Address 2]
Expected result	The "Address 2" field has been filled
Step	5
Action	Enter a country
Input data	Country [Correct Country]
Expected result	The "Country" field has been filled
Step	6
Action	Touch the "Next" button
Input data	
Expected result	The error message box containing an error message related to a blank "Last Name" field has been displaye d

## **Incorrect age**

Verification of whether a request is not sent when the age is incorrect

No

Severity	Priority	Behavior	Туре
^ Major	↑ High	Negative	Functional
Layer	Is Flaky	Milestone	Automation
E2E	No	-	Automated
Status	Is Muted		

### **Pre-conditions**

Actual

- The "EriBank" application is run
- User is logged in
- The "Mortgage Request" view is openFields are blank

### **Post-conditions**

The error message box containing an error message related to an incorrect age is displayed

Step	1
Action	Enter a first name
Input data	First Name [Correct First Name]
Expected result	The "First Name" field has been filled
Step	2
Action	Enter a last name
Input data	Last Name [Correct Last Name]
Expected result	The "Last Name" field has been filled
Step	3
Action	Enter an age
Input data	Age [Incorrect Age]
Expected result	The "Age" field has been filled
Step	4
Action	Enter an address 1
Input data	Address 1 [Correct Address 1]

Expected result The "Address 1" field has been filled

Step 5

Action Enter an address 2

Input data Address 2 [Correct Address 2]

Expected result The "Address 2" field has been filled

Step 6

Action Enter a country

Input data Country [Correct Country]

Expected result The "Country" field has been filled

Step 7

Action Touch the "Next" button

Input data

Expected result The error message box containing an error message related to an incorrect age has been displayed

## Blank the "Age" field

Verification of whether a request is not sent when the age is missing

SeverityPriorityBehaviorType^ Major^ HighNegativeFunctionalLayerIs FlakyMilestoneAutomationE2ENo-Automated

Status Is Muted

Actual No

### **Pre-conditions**

- The "EriBank" application is run
- User is logged in
- The "Mortgage Request" view is open
- Fields are blank

## **Post-conditions**

Input data

Address 2 [Correct Address 2]

The error message box containing an error message related to a blank "Age" field is displayed

Step	1
Action	Enter a first name
Input data	First Name [Correct First Name]
Expected result	The "First Name" field has been filled
Step	2
Action	Enter a last name
Input data	Last Name [Correct Last Name]
Expected result	The "Last Name" field has been filled
Step	3
Action	Enter an address 1
Input data	Address 1 [Correct Address 1]
Expected result The "Address 1" field has been filled	
Step	4
Action	Enter an address 2

Expected result The "Address 2" field has been filled

Step 5

Action Enter a country

Input data Country [Correct Country]

Expected result The "Country" field has been filled

Step 6

Action Touch the "Next" button

Input data

Expected result The error message box containing an error message related to a blank "Age" field has been displayed

### **Incorrect address 1**

Verification of whether a request is not sent when the address 1 is incorrect

Is Muted

No

SeverityPriorityBehaviorType^ Major^ HighNegativeFunctionalLayerIs FlakyMilestoneAutomationE2ENo-Automated

### **Pre-conditions**

**Status** 

Actual

- the "EriBank" application is run
- a user is logged in
- the "Mortgage Request" view is open
- fields are blank

### **Post-conditions**

Input data

Address 1 [Incorrect Address 1]

The error message box containing an error message related to an incorrect address 1 is displayed

Step	1
Action	Enter a first name
Input data	First Name [Correct First Name]
Expected resu	It The "First Name" field has been filled
Step	2
Action	Enter a last name
Input data	Last Name [Correct Last Name]
Expected resu	It The "Last Name" field has been filled
Step	3
Action	Enter an age
Input data	Age [Correct Age]
Expected result The "Age: field has been filled	
Step	4
Action	Enter an address 1

Expected result The "Address 1" field has been filled

Step 5

Action Enter an address 2

Input data Address 2 [Correct Address 2]

Expected result The "Address 2" field has been filled

Step 6

Action Enter a country

Expected result The "Country" field has been filled

Step 7

Action Touch the "Next" button

Input data

Expected result The error message box containing an error message related to an incorrect address 1 has been displayed

## Blank the "Address 1" field

Verification of whether a request is not sent when the address 1 is missing

SeverityPriorityBehaviorType^ Major^ HighNegativeFunctionalLayerIs FlakyMilestoneAutomationE2ENo-Automated

Status Is Muted

Actual No

### **Pre-conditions**

- The "EriBank" application is run
- User is logged in
- The "Mortgage Request" view is open
- Fields are blank

### **Post-conditions**

Action

Input data

Enter an address 2

Address 2 [Correct Address 2]

The error message box containing an error message related to a blank "Address 1" is displayed

Step	1	
Action	Enter a first name	
Input data	First Name [Correct First Name]	
Expected res	ult The "First Name" field has been filled	
Step	2	
Action	Enter a last name	
Input data	Last Name [Correct Last Name]	
Expected res	ult The "Last Name" field has been filled	
Step	3	
Action	Enter an age	
Input data	Age [Correct Age]	
Expected res	ult The "Age" field has been filled	
Step	4	

Expected result The "Address 1" field has been filled

Step 5

Action Enter a country

Input data Country [Correct Country]

Expected result The "Country" field has been filled

Step 6

Action Touch the "Next" button

Input data

Expected result The error message box containing an error message related to a blank "Address 1" has been displayed

### **Incorrect address 2**

Verification of whether a request is not sent when the address 1 is incorrect

SeverityPriorityBehaviorType^ MajorO MediumNegativeFunctionalLayerIs FlakyMilestoneAutomationE2ENo-Automated

Status Is Muted

Actual No

### **Pre-conditions**

- The "EriBank" application is run
- User is logged in
- The "Mortgage Request" view is open
- Fields are blank

### **Post-conditions**

Action

Input data

Enter an address 1

Address 1 [Correct Address 1]

The error message box containing an error message related to an incorrect address 2 is displayed

Step	1		
Action	Enter a first name		
Input data	First Name [Correct First Name]		
Expected resul	tThe "First Name" field has been filled		
Step	2		
Action	Enter a last name		
Input data	Last Name [Correct Last Name]		
Expected resul	Expected result The "Last Name" field has been filled		
Step	3		
Action	Enter an age		
Input data	Age [Correct Age]		
Expected resul	t The "Age" field has been filled		
Step	4		

Expected result The "Address 1" field has been filled

Step 5

Action Enter an address 2

Input data Address 2 [Incorrect Address 2]

Expected result The "Address 2" field has been filled

Step 6

Action Enter a country

Expected result The "Country" field has been filled

Step 7

Action Touch the "Next" button

Input data

Expected result The error message box containing an error message related to an incorrect address 2 has been displayed

## Blank the "Address 2" field

Verification of whether a request is not sent when the address 2 is missing

SeverityPriorityBehaviorType^ MajorO MediumNegativeFunctionalLayerIs FlakyMilestoneAutomationE2ENo-Automated

Status Is Muted

Actual No

### **Pre-conditions**

- The "EriBank" application is run
- User is logged in
- The "Mortgage Request" view is open
- Fields are blank

### **Post-conditions**

The error message box containing an error message related to a blank "First Name" field is displayed

Step	1	
Action	Enter a first name	
Input data	First Name [Correct First Name]	
Expected result	The "First Name" field has been filled	
Step	2	
Action	Enter a last name	
Input data	Last Name [Correct Last Name]	
Expected result	The "Last Name" field has been filled	
Step	3	
Action	Enter an age	
Input data	Age [Correct Age]	
Expected result	The "Age" field has been filled	
Step	4	

Action	Enter an address 1	
Input data	Address 1 [Correct Address 1]	
Expected result	The "Address 1" field has been filled	
Step	5	
Action	Enter a country	
Input data	Country [Correct Country]	
Expected result	The "Country" field has been filled	
Step	6	
Action	Touch the "Next" button	
Input data		
Expected result	The error message box containing an error message related to a blank "First Name" field has been displayed	

## **Incorrect country name**

Verification of whether a request is not sent when the country name is incorrect

SeverityPriorityBehaviorType^ Major^ HighNegativeFunctionalLayerIs FlakyMilestoneAutomationE2ENo-Automated

Status Is Muted

Actual No

### **Pre-conditions**

- The "EriBank" application is run
- User is logged in
- The "Mortgage Request" view is open
- Fields are blank

### **Post-conditions**

Action

Input data

Enter an address 1

Address 1 [Correct Address 1]

The error message box containing an error message related to an incorrect country is displayed

Step	1	
Action	Enter a first name	
Input data	First Name [Correct First Name]	
Expected result	The "First Name" field has been filled	
Step	2	
Action	Enter a last name	
Input data	Last Name [Correct Last Name]	
Expected result The "Last Name" field has been filled		
Step	3	
Action	Enter an age	
Input data	Age [Correct Age]	
Expected result	The "Age" field has been filled	
Step	4	

Expected result The "Address 1" field has been filled

Step 5

Action Enter an address 2

Input data Address 2 [Correct Address 2]

Expected result The "Address 2" field has been filled

Step 6

Action Enter a country

Input data Country [Incorrect Country]

Expected result The "Country" field has been filled

Step 7

Action Touch the "Next" button

Input data

Expected result The error message box containing an error message related to an incorrect country has been displayed

## Blank the "Country" field

Verification of whether a request is not sent when the country is missing

SeverityPriorityBehaviorType^ Major^ HighNegativeFunctionalLayerIs FlakyMilestoneAutomationE2ENo-Automated

Status Is Muted

Actual No

### **Pre-conditions**

- The "EriBank" application is run
- User is logged in
- The "Mortgage Request" view is open

Enter an address 1

Address 1 [Correct Address 1]

Action

Input data

• Fields are blank

### **Post-conditions**

The error message box containing an error message related to a blank "Country" field is displayed

Step	1	
Action	Enter a first name	
Input data	First Name [Correct First Name]	
Expected resul	t The "First Name" field has been filled	
Step	2	
Action	Enter a last name	
Input data	Last Name [Correct Last Name]	
Expected result The "Last Name" field has been filled		
Step	3	
Action	Enter an age	
Input data	Age [Correct Age]	
Expected resul	<sup>t</sup> The "Age" field has been filled	
Step	4	

Expected result The "Address 1" field has been filled

Step 5

Action Enter an address 2

Input data Address 2 [Correct Address 2]

Expected result The "Address 2" field has been filled

Step 6

Action Touch the "Next" button

Input data

Expected result The error message box containing an error message related to a blank "Country" field has been displayed

## The "Cancel" button

Verification of whether the **Mortgage Request** view is closed after touching the **Cancel** button

Severity	Priority	Behavior	Туре
☆ Critical	O Medium	Positive	Functional
Layer	Is Flaky	Milestone	Automation
E2E	No	-	Automated
Status	Is Muted		
Actual	No		

### **Pre-conditions**

- The "EriBank" application is run User is logged in
- The "Mortgage Request" view is openFields are filled

### **Post-conditions**

The home view is open

Step	1
Action	Touch the "Cancel" button
Input data	
Expected result	The "Mortgage Request" view has been closed

# Swiping the list

Verification of whether the list is swiped

Severity	Priority	Behavior	Туре
^ Major	O Medium	Positive	Functional
Layer	Is Flaky	Milestone	Automation
E2E	No	-	Automated

Status Is Muted

Actual No

### **Pre-conditions**

- The "EriBank" application is run
- User is logged in
- User has correctly filled out the form in the "Mortgage Request" view
- User has clicked the "Next" button to open the mortgage summary view

### **Post-conditions**

The list is swipped to the desired element

Step	1
Action	Swipe the list to the desired element
Input data	String [containing item name]
Expected result	The list has been swipped to the desired element

# Touching the "Type of Loan" items

No

This test case verifies whether the items are checked after being touched

Severity	Priority	Behavior	Туре
^ Major	O Medium	Positive	Functional
Layer	Is Flaky	Milestone	Automation
E2E	No	-	Automated
Status	Is Muted		

### **Pre-conditions**

Actual

- The "EriBank" application is run
- User is logged in
- User has correctly filled out the form in the "Type of Loan" view
  User has clicked the "Next" button to open the mortgage summary view

### **Post-conditions**

Items are checked

Step	1
Action	Touch the item
Input data	String [containing item name]
Expected result	The item has been checked

# Touching the "Number of Years" items

This test case verifies whether the items are checked after being touched

SeverityPriorityBehaviorType^ MajorO MediumPositiveFunctionalLayerIs FlakyMilestoneAutomationE2ENo-Automated

Status Is Muted

Actual No

### **Pre-conditions**

- The "EriBank" application is run
- User is logged in
- User has correctly filled out the form in the "Number of Years" view
- User has clicked the "Next" button to open the mortgage summary view

### **Post-conditions**

Items are checked

Step	1
Action	Touch the item
Input data	String (containing item name)
Expected result	The item has been checked

# Touching the "Type of Occupation" items

This test case verifies whether the items are checked after being touched

**Priority Behavior** Severity **Type** Major O Medium Positive **Functional** Layer Is Flaky Milestone **Automation** E2E **Automated** No

**Status** Is Muted

Actual No

### **Pre-conditions**

- The "EriBank" application is run
- User is logged in
- User has correctly filled out the form in the "Type of Occupation" view
  User has clicked the "Next" button to open the mortgage summary view

### **Post-conditions**

Items are checked

Step	1
Action	Swipe the list to the desired element
Input data	String [containing item name]
Expected result	The list has been swipped to the desired element
Step	2
Action	Touch the item
Input data	String [containing item name]
Expected result	The item is checked

# Touching the "Yearly Income" items

This test case verifies whether the items are checked after being touched

SeverityPriorityBehaviorType^ MajorO MediumPositiveFunctionalLayerIs FlakyMilestoneAutomationE2ENo-Automated

Status Is Muted

Actual No

#### **Pre-conditions**

- The "EriBank" application is run
- User is logged in
- User has correctly filled out the form in the "Yearly Income" view
- User has clicked the **Next** button to open the mortgage summary view
- The items in the "Yearly Income" section are visible after swiping down the list

### **Post-conditions**

Items are checked

Step	1
Action	Swipe the list to the desired element
Input data	String [containing item name]
Expected result	The list has been swipped to the desired element
Step	2
Action	Touch the item
Input data	String [containing item name]
Expected result	The item is checked

## The "Save" button

Verification of whether the data is saved view is closed after touching the Save button

Severity	Priority	Behavior	Туре
☆ Critical	↑ High	Positive	Functional
Layer	ls Flaky	Milestone	Automation
E2E	No	-	Automated
Status	Is Muted		
Actual	No		

### **Pre-conditions**

- The "EriBank" application is run
- User is logged in
- User has correctly filled out the form in the "Yearly Income" view
- User has clicked the "Next" button to open the mortgage summary view
- The list is swipped down

### **Post-conditions**

The home view is open

Step	1
Action	Swipe the list to the desired element
Input data	String [containing item name]
Expected result	The "Save" button is visible
Char	
Step	2
Action	Touch the "Save" button
Input data	
Expected result	Data has been saved

## The "Back" button

Verification of whether the view is closed after touching the **Back** button

Severity	Priority	Behavior	Туре
O Normal	<b>↓</b> Low	Positive	Functional
Layer	Is Flaky	Milestone	Automation
E2E	No	-	Automated
Status	Is Muted		

## Pre-conditions

Actual

- The "EriBank" application is run
- User is logged in
- User has correctly filled out the form in the "Yearly Income" view

No

• User has clicked the "Next" button to open the mortgage summary view

### **Post-conditions**

The "Mortgage Request" view is open

Step	1
Action	Swipe the list to the desired element
Input data	
Expected result	The list has been swipped to the desired element
Chan	2
Step	2
Action	Touch the "Save" button
Input data	
Expected result	The mortgage summary view has been closed

## Adding an expense

Testing the mobile app's functionality to verify if an expense is successfully added upon tapping the "Add" button

Severity	Priority	Behavior	Туре
^ Major	O Medium	Positive	Functional
Layer	Is Flaky	Milestone	Automation
E2E	No	-	Automated
Status	Is Muted		
Actual	No		

### **Pre-conditions**

- The "EriBank" application is run User is logged in
- The "Expense Report" view is open

### **Post-conditions**

The new expense is displayed in the expense list

Step	1
Action	Touch the "Add" button
Input data	
Expected result	The expense has been added

## Removing an expense

Testing the mobile app's functionality to verify if an expense is successfully removed upon tapping the expense item

Severity	Priority	Behavior	Туре
^ Major	O Medium	Positive	Functional
Layer	Is Flaky	Milestone	Automation
E2E	No	-	Automated
Status	Is Muted		
Actual	No		

### **Pre-conditions**

- The "EriBank" application is runUser is logged in
- The "Expense Report" view is open
  Expenses are added to the list

### **Post-conditions**

The touched expense is removed from the list

Step	1
Action	Touch the expense item
Input data	Integer [containing the list index]
Expected result	The expense has been removed

## The "Back" button

Verification of whether the view is closed after touching the **Back** button

Is Muted

No

Severity	Priority	Behavior	Туре
O Normal	<b>↓</b> Low	Positive	Functional
Layer	Is Flaky	Milestone	Automation
<b>Layer</b> E2E	<b>Is Flaky</b> No	Milestone -	<b>Automation</b> Automated

### **Pre-conditions**

**Status** 

Actual

- The "EriBank" application is run User is logged in
- The "Expense Report" view is open

### **Post-conditions**

The home view is open

Step	1
Action	Touch the "Back" button
Input data	
Expected result	The "Expense Report" view has been closed

# The "Send Void Request" button

Verification of whether the **Send Void Request** view is opened after touching the **Send Void Request** button

Severity	Priority	Behavior	Туре
O Normal	O Medium	Positive	Functional
Layer	Is Flaky	Milestone	Automation
E2E	No	-	Automated
Status	Is Muted		
Actual	No		

### **Pre-conditions**

- The "EriBank" application is run
- User is logged in
- The "Advanced Actions" view is open

### **Post-conditions**

The "Send Void Request" view is open

Step	1
Action	Touch the "Send Void Request" button
Input data	
Expected result	The "Send Void Request" view has been opened

## The "Back" button

Verification of whether the view is closed after touching the **Back** button

Severity	Priority	Behavior	Туре
O Normal	<b>↓</b> Low	Positive	Functional
Layer	Is Flaky	Milestone	Automation
E2E	No	-	Automated
Status	Is Muted		

Actual No

### **Pre-conditions**

- The "EriBank" application is run User is logged in
- The "Send Void Request" view is open

### **Post-conditions**

The home view is open

Step	1
Action	Touch the "Back" button
Input data	
Expected result	The "Send Void Request" view has been closed