In this list I will describe what Test Design Techniques were used to write the Test Cases form the previous Home Work 10.

List with titles of Test Cases from previous Home Work 10:
Test Case 1. Login to BBC with valid user data;
Test Case 2. Recover the password of valid account;
Test Case 3. Start playing video by clicking "Play" button (which is in the upper left corner of video player) in built-in video player that is on "Home" page;
Test Case 4. Navigate from "Home" page to "News" page using Navigation module which is located at the bottom of the page under the title "Explore the BBC»;
Test Case 5. Chenge selected location from "London" to "Kyiv" to view the weather in the weather widget that is on "Home" page;
Test Case 6. Test the function of rewinding by 20 seconds forward in the built-in audio player (which is located on the control panel at the bottom of the audio player) that is on in the "More" section in the "Sounds" subsection, when the audio is playing;
Test Case 7. Test mute button in build-in audio player (which is in the lower left corner of audio player) that is on in the "More" section in the "Sounds" subsection, when the audio is playing;
Test Case 8. Go from https://www.bbc.com domain to https://www.bbc.com/russian subdomain using hyperlinks at the bottom of the Home page in "BBC on other languages" module;
Test Case 9. Login to BBC with invalid user data;
Test Case 10 (not showed in HW 10). Login to BBC with valid user data (eMail) and without entering a password.

Test Case 1. Login to BBC with valid user data:

Pre-Condition:

1. User with data, login: mailemail@gmail.com; password: QQWErtu3 (already created)
2. Open url https://www.bbc.com
3. Go to "Your account" module
4. Navigate to Login form

Test Steps:

1. Enter valid user data, login: "mailemail@gmail.com"
2. Enter valid user data, password: "QQWErtu3"
3. Press "Login" button

Expected Result:

User with successfully logged in and availiable to see "Home" page (user id: 143728963892)

Test Case 2. Recover the password of valid account:

Pre-Condition:

1. User of BBC website with data, login: mailemail@gmail.com (already created); password: HJKFN83749d (not already used); #User of Gmail with data, login: mailemail@gmail.com; password: r37yFUHID (already created)
2. Open url https://www.bbc.com
3. Go to "Your account" module
4. Press "Troubles with login"
5. Go to "Need help signing in?" module

6. Press "I've forgotten my password"
7. Go to "What's your email address?" module

Test Steps:

1. Enter valid user Emali "mailemail@gmail.com"
2. Press button "Send password reset email"
3. Open url https://www.gmail.com
4. Enter valid Gmail user data; login: mailemail@gmail.com; password: r37yFUHID
5. Open mail from "BBC Account" with Title "BBC password reset"
6. Press button "Change password"
7. Enter new password: "HJKFN83749d"
8. Press button "Sing In"
9. Enter new valid user data, login: mailemail@gmail.com,; password: HJKFN83749d
10. Press "Login" button

Expected Result:

User with successfully logged in and availiable to see "Home" page (user id: 143728963892)

Test Case 3. Start playing video by clicking "Play" button (which is in the upper left corner of video player) in built-in video player that is on "Home" page:

Pre-Condition:

1. Open url https://www.bbc.com
2. Go to "Home" page module
3. Navigate to "Featured video" section

Test Steps:

1. Press "Play" button (which is in the upper left corner of video player)

Expected Result:

User see that video starts playing

Test Case 4. Navigate from "Home" page to "News" page using Navigation module which is located at the bottom of the page under the title "Explore the BBC»:

Pre-Condition:

1. Open url https://www.bbc.com
2. Go to "Home" page module
3. Scroll down to the bottom of the "Home" page to the "Explore the BBC" chapter

Test Steps:

1. Press "News" button

Expected Result:

User avalilable to see "News" page module

Test Case 5. Change selected location from "London" to "Kyiv" to view the weather in the weather widget that is on "Home" page:

Pre-Condition:

1. Open url https://www.bbc.com
2. Go to "Home" page module
3. Navigate to the weather widget titled "London weather"

Test Steps:

1. Press the "EDIT" button which loceted right of the caption "LONDON WEATHER"
2. Enter the word "Kyiv" to the text input field, in the body of which is written "Enter city, town or region"

Expected Result:

Under the field for entering text, appears the inscription "Kyiv, Ukraine" and below displayed the weather at the request of the location "Kyiv Ukraine"

Test Case 6. Test the function of rewinding by 20 seconds forward in the built-in audio player (which is located on the control panel at the bottom of the audio player) that is on in the "More" section in the "Sounds" subsection, when the audio is playing:

Pre-Condition:

1. Open url https://www.bbc.com
2. Go to "More" module
3. Go to "Sounds" submodule
4. Navigate to "Listen live" section

Test Steps:

1. Press on the "Radio 1" hyperlink to open "Radio 1" section
2. Press "Play" button (which is in the center of bottom control pannel of audio player)
3. Press "20 seconds rewind forward" button (which is next to the right of "Play" button of bottom control pannel of audio player)

Expected Result:

User see that the played audio rewinding by 20 seconds forward and continue playing

Test Case 7. Test mute button in build-in audio player (which is in the lower left corner of audio player) that is on in the "More" section in the "Sounds" subsection, when the audio is playing:

Pre-Condition:

1. Open url https://www.bbc.com
2. Go to "More" module
3. Go to "Sounds" submodule
4. Navigate to "Listen live" section

Test Steps:

1. Press on the "Radio 1" hyperlink to open "Radio 1" section
2. Press "Play" button (which is in the center of bottom control pannel of audio player)
3. Press "Mute" button (which is in the lower left corner of audio player)

Expected Result:

User see that the audio continue playing without sound

Test Case 8. Go from https://www.bbc.com domain to https://www.bbc.com/russian subdomain using hyperlinks at the bottom of the Home page in "BBC on other languages" module:

Pre-Condition:

1. Open url https://www.bbc.com
2. Go to the "Home" page module
3. Scroll down to the bottom of the "Home" page
4. Find the "BBC IN OTHER LANGUAGES" chapter

Test Steps:

1. Press button "Russian" in "More Languages" chapter

Expected Result:

User goes to the https://www.bbc.com/russian subdomain (moving takes place in the same tab)

Test Case 9. Login to BBC with invalid user data.

Pre-Condition:

1. User with data, login: mailemail1@gmail.com; password: fgh437HJKFD (not already created)
2. Open url https://www.bbc.com
3. Go to "Your account" module
4. Navigate to Login form

Test Steps:

1. Enter invalid user data, login: "mailemail1@gmail.com"
2. Enter invalid user data, password: "fgh437HJKFD"
3. Press "Login" button

Expected Result:

User stays on the Login page and not getting access to see "Home" page

Test Case 10 (not showed in HW 10). Login to BBC with valid user data (eMail) and without entering a password:

Pre-Condition:

1. User with data, login: mailemail@gmail.com (already created)

	2. Open url https://www.bbc.com
	3. Go to "Your account" module
	4. Navigate to Login form

Test Steps:

	1. Enter valid user data, login: "mailemail@gmail.com"
	2. Press "Login" button

Expected Result:

User stays on the Login page and not getting access to see "Home" page

Below is a table showing which test design techniques were used to write test cases form the previous Home Work 10.

	Equivalence partitioning	Boundary Values Analysis	Decision Table Testing	State Transition Testing	Use Case Testing
Test Case 1	+	-	+	+	-
Test Case 2	+	-	+	+	+
Test Case 3	-	-	-	+	-
Test Case 4	-	-	-	+	-
Test Case 5	+	-	-	+	-
Test Case 6	-	-	-	+	-
Test Case 7	-	-	-	+	-
Test Case 8	-	-	-	+	-
Test Case 9	+	-	+	+	-
Test Case 10	+	+	+	+	-