Test report

Product: Video Practice section during English classes 🔗

Customer: Skyeng

Website: 🔗 TeachersCabinet

Mobile App: Skyeng

Requirements can be viewed at the link: Requirements for the Video Studies section

Test objects 🔗

Requirement	Stakeholder	Vimbox	Mobile App	API	Virtual Classroom
	Teachers	✅	❌	✅	✅
	Students	❌	✅	❌	✅

Deadlines 🔗

Testing was conducted from 29.06.2022 to 04.07.2022

Test team 🔗

Воробьева Дарина.

Quality and acceptance criteria 🔗

- The product must not contain defects with a severity of **Critical** or higher, as well as errors with a priority of **Highest.**
- Test Run pass rate > **80%**.

Test environment 🔗

According to the requirements ([Requirements for the Video Studies section](#)), teachers conduct classes on the Skyeng platform using *Chrome, Yandex.Browser and Safari browsers*, and students can open the application from Android and iOS.

Tested in

Windows 10,64 browser Chrome Версия 102.0.5005.115

browser Яндекс.Браузер Версия 22.5.4.908

and in *mobile app Skyeng (Версии 9.67 (2371)) platform IOS 15.5.*

Description of the testing process 🔗

The following types of tests were carried out: 🔗

Exploratory testing	Acquaintance with the Skyeng product section Video Studies, main use cases, system behaviors
Static testing	Analysis of terms of reference to identify defects at an early stage
Compatibility testing	Interaction of device characteristics with test partitions
UI/UX	Verify that the user interface conforms to design guidelines
Functional testing	Checking that each feature of the software works in accordance with the specification
API (Postman)	Checking UI via backend responses

Test levels 🔗

Smoke Test	Conducted to quickly assess the readiness of the product for testing. It includes testing the core features on the most commonly used and important server/client configuration.
Component/Unit Testing	Check functionality and search for defects in parts of the application that are available and can be tested individually.
Integration Testing	Designed to test communication between components, as well as interaction with various parts of the system.

Test documentation 🔗

Teacher web room testing: 🔗

check list: ✅ Sitechco.ru

Student web room testing: 🔗

check list: ✅ Sitechco.ru

Smoke testing: 🔗

test cases: https://app.qase.io/project/DPJ?view=1&suite=1

API testing: 🔗

Postman collection: https://www.getpostman.com/collections/ea359d4c6c9450fe0ad7

Bug reports: 🔗

Test Schedule 🔗

Tester: Воробьева Дарина

Types of testing	Tester Воробьева Дарина
Test analysis	29.06.2022
Test documentation	30.06.2022
Testing/Bug reports	01.07.2022-03.07.2022
Test Result Report	04.07.2022

Test Reporting 🔗

2 checks were carried out on **Smoke testing** test cases. Test run: 🅀 Qase

According to the test run, 1 High priority defect was found:

QUHR-1:Vimbox. When the teacher adds words to the dictionary during the lesson, the words in the dictionary are not reflected as added

According to the checklist for testing video practice in Teacher's web room performed 75 checks. Test run: ✅ Sitechco.ru (browser Chrome) and ✅ Sitechco.ru (Yandex.Browser)

9 defects were found by virtue of the test run (one of them is repeated in the Smoke test):

Medium Priority Defects:

QUHR-2: Vimbox. "1 results" appears, when searching for a video on the Video Practices page, if you click on it in a travel query, more videos appear

QUHR-5: Vimbox. The teacher's background disappears during a lesson with a student

QUHR-7: Vimbox. In the web room on the video practice page in the Grammar section is always empty

QUHR-9: Vimbox. There is no notification that the teacher is sure that he wants to leave, when you click on the Finish lesson button

QUHR-10: Vimbox. Attachments are not displayed to a student until the page is refreshed, when they are adding / deleting by the teacher

Low Priority Defects:

QUHR-3: Vimbox. "The Show more" anchor appears, when you enter a word in the search for which there is no video, when you click on anchor, nothing happens

QUHR-4: Vimbox. The search result always returns 1 results for any request

QUHR-6: Vimbox. In View material no option to rewind video

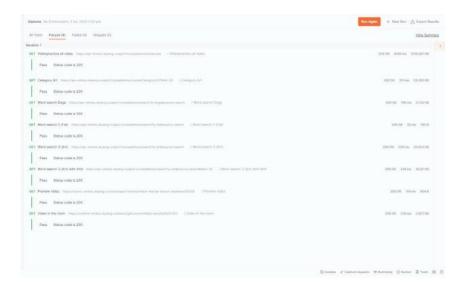According to the checklist of Student web room testing, 53 checks were carried out. Test run: ✅ Sitechco.ru

1 High priority defect detected:

QUHR-8: Vimbox.IOS. When a student adds words to the dictionary during a lesson, the words in the dictionary are not reflected as added

And 1 Medium Priority Defect:

QUHR-11: Vimbox.IOS. Attachments are not displayed to the teacher until the page is refreshed, when they are adding / deleting by a student

8 checks were carried out on **API testing**, as a result 3 defects were found.

API Test Run json

 One Medium Priority Defect:

QUHR-14: Vimbox.API. The search returns more videos, if enter a restriction on the displayed results for some words in the search

2 Low Priority Defects:

QUHR-12: Vimbox.API. Tags were not implemented on the UI for videos in all categories of the Video Studies section

QUHR-13: Vimbox.API. The counter counts incorrectly the number of videos in the search results

Defect Statistics and Defect Information 🔗

№	Defect	Life cycle	Priority/Severity
1	When the teacher adds words to the dictionary during the lesson, the words in the dictionary are not reflected as added	To be completed	High/Major
2	When a student adds words to the dictionary during a lesson, the words in the dictionary are not reflected as added	To be completed	High/Major
3	In the web room on the video practice page in the Grammar section is always empty	To be completed	Medium/Major
4	There is no notification that the teacher is sure that he wants to leave, when you click on the Finish lesson button	To be completed	Medium/Major
5	The teacher's background disappears during a lesson with a student	To be completed	Medium/Minor
6	Attachments are not displayed to the teacher until the page is refreshed, when they are adding / deleting by a student	To be completed	Medium/Minor
7	Vimbox. Attachments are not displayed to a student until the page is refreshed, when they are adding / deleting by the teacher	To be completed	Medium/Minor
8	"1 results" appears, when searching for a video on the Video Practices page, if you click on it in a travel query, more videos appear	To be completed	Medium/Minor
9	Vimbox.API. The search returns more videos, if enter a restriction on the displayed results for some words in the search	To be completed	Medium/Minor
10	"The Show more" anchor appears, when you enter a word in the search for which there is no video, when you click on anchor, nothing happens	To be completed	Low/Minor
11	The search result always returns 1 results for any request	To be completed	Low/Minor
12	In View material no option to rewind video	To be completed	Low/Minor
13	Vimbox.API. Tags were not implemented on the UI for videos in all categories of the Video Studies section	To be completed	Low/Minor
14	Vimbox.API. The counter counts incorrectly the number of videos in the search results	To be completed	Low/Trivial

Conclusions and recommendations 🔗

Passed test cases/checklists: 138

Skipped test cases/checklists: 0

Successfully completed: 123

Test Run pass rate 89.13%

Total number of defects found: 14 (one defect repeated in functional and smoke testing)

Number of iterations: 5

Criticality of defects: 4 major, 9 minor, 1 trivial

Time to complete test cases/checklists: 12 ч. 30 минут

To improve the convenience of conducting classes, finalize the grammar section in Video Practice, as well as add more convenient navigation through the materials so that the teacher can switch not only between lessons in general, but also between video practices.

Based on the results of the check, I consider it appropriate to note that the product is ready for release, subject to the correction of defects related to the main functionality (adding words to the student's dictionary), as well as an unstable background in the web room, although it is not a critical bug, it can create an awkward situation for teachers . Blocking or critical bugs were not found.

The reast of defects do not affect the main business processes. Before the release, I also recommend additionally conduct the following types of testing: load and performance testing.