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| **TEST PLAN** |
| 2020\_ncpr\_english\_lessons |
| This document is a test plan for the 2020\_ncpr\_english\_lessons project. It describes what we plan to test and what we don't, what the team needs for successful testing, what quality acceptance criteria we have, and what testing methods and approaches we plan to apply. |



Jul. 10, 2020

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## Object

This document is a test plan for the 2020\_ncpr\_english\_lessons project. It describes what we plan to test and what we don't, what the team needs for successful testing, what quality acceptance criteria we have, and what testing methods and approaches we plan to apply. The project is a platform with services for teaching a foreign language.

Project duration is Jun. 29,2020 – Jul. 27,2020.

The test scope includes all the platform functionality. Requirements:

1 start page

2 easy navigation

3 demonstration of languages

4 course catalog

5 аvailability of courses, in the drop-down menu courses categories and filtering and sorting by price

6 рage with ads

7 the ability to search by language and by people

8 availability of teachers (viewing CV)

9 course details with price, description and reviews

10 personal account

11 registration by sms confirmation

12 payment page

13 ability to choose courses for teachers

14 the ability to create a description of courses according to a specific template

15 message

16 the ability to attract new teachers

17 course creation page

18 lecture format (user selectable)

19 the ability to leave reviews and vote (comment)

## Test Approach

**Cycle 1**

* **System Testing** means testing the system as a whole. All the modules/components are integrated in order to verify if the system works as expected or not. Bug found – retested.
* **E2E** testing is usually performed last in the testing process. Viewed the entire cycle of the platform

**Entry criteria:** Assembly for specific requirements is completed;

The internal testing environment is configured and working;

80% or more user stories have already been released

**Exit criteria:** All system tests were performed;

No High priority bug, and no more than 1 Medium and 3 Low

**Cycle 2**

Retest of all test cases, include testing of fixes and failed Test Cases.

## In-Scope / Out of scope

**First week**

First Test Cycle Planned

**Cycle 1**

1. The front-end design for teachers (winforms)

Personal account design for teachers (Test Case 01)

Requirements: editing personal information on the home page, the ability to start a chat and create courses;

1. The front-end for students (search, selection of courses, the courses and the vote)

Interface design for students (Test Case 02)

Requirements: search for courses, search for teachers, view a course, vote for a course;

1. The front-end for students (registration, login, personal account, buy)

Personal account design for students (Test Case 03)

Requirements: registration/authorization window, personal account, payment window;

1. DB architecture (UML diagram) (Test Case 04)

Requirements: student table, course table, teacher table, language table;

1. Publish the layout of the Microservice architecture on the Wiki page (Test Case 05)

Requirements: graphic material, description;

## Plan

## 1 Sprint

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| **1** | **Jul. 12,2020**  **Cycle 1** | **The front-end design for teachers**   * editing personal information on the home page * the ability to start a chat and create courses   **The front-end for students**   * search for courses * search for teachers * view a course * vote for a course * registration/authorization window * personal account * payment window |
| **2** | **Jul. 12,2020**  **Cycle 1** | **DB architecture**   * student table * course table * teacher table * language table   **Microservice architecture**   * graphic material * description |