



CSyllabus

Acceptance Test Plan

Version 0.2

CSyllabus	Version: 0.2
Acceptance Test Plan	Date: 2017-11-05

Revision History

Date	Version	Description	Author
2017-11-05	0.1	Initial Draft	Matej Vukosav
2017-11-26	0.2	Add test T-C1	Matej Vukosav

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1. Introduction

1.1 Purpose of this document

The purpose of this document is to determine if the requirements are met.

1.2 Document organization

The document is organized as follows:

- Section 1, *Introduction*, describes contents of this guide, used documentation during developing process etc.
- Section 2, *Test description*, describes rules tests and describes what will they define
- Section 3, *List of tests*, detailed list of each required test
- Section 4, *Test coverage*, describes project test coverage

1.3 Intended Audience

The intended audience is:

- Project team
- Customer
- Product owner

1.4 Scope

This document will outline the overall plan for test activities to be performed. Each test will be described detailed enough so that someone else could carry out the test based on these instructions.

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1.5 Definitions and acronyms

1.5.1 Definitions

Keyword	Definitions
FER	Faculty of electrical engineering and computing

1.5.2 Acronyms and abbreviations

Acronym or abbreviation	Definitions
NTR	Nothing to Report. There is no information to a specific topic available or necessary.
USx	User story with number #x from Requirements definition document

1.6 References

This document refers to the Project Plan, Requirements and Design Description document.

2. Test description

Each test will define detailed instructions how to carry out the test and how test results are measured (pass/fail and what is the criteria). Tests will be related to requirements document (with relevant requirement ID and/or name to reference the particular requirement). Each test will contain: test id, test name, tested requirements, pass/fail criteria definition, test description and context (if needed) and test procedure (steps for conducting the test). For system to be ready for production all tests must be positive. The fail of just one test determine that the system is not ready for production.

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3. User stories

User stories are copied from Requirement document for reference purpose in test list.

ID	Name	User Story
US1	Syllabus search	As a student I want to search for syllabi by name, faculty or country.
US2	Syllabus details	As a student I want to see syllabi details, so I can see what it contains.
US3	Course details	As a student I want to see details of course so I can see what they offer
US4	Faculty details	As a student I want to see details of faculty, so I can know more about faculty.
US5	Syllabi compare	As a student I want to compare my syllabi with other syllabuses
US6	Country and faculty choose	As a student I want to choose country and faculty I am studying at, so I can choose my own courses for comparison
US7	Best faculty	As a student I want to see which are the best faculties for my chosen courses of interest.
US8	Similar faculty	As a student I want to see which faculties are most similar to my own, so I can see what is my best option
US9	Relevant subjects	As a student I want to see other subjects that are relevant for me
US10	Destination country and faculty	As a student I want to choose destination country and faculty, so I can compare my courses with them.
US11	Recommended courses	As a student I want to see recommended courses, so I can maybe come to know something new
US12	Course comments	As a student I want to comment and evaluate a course

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US13	Syllabus share	As a student I want to share a syllabus in social media so others can see it
US14	Add syllabus to database	As a Professor I want to have option to add new syllabi to the database so that database can expand
US15	Personal profile	As a Professor I want to have a profile with my personal data.
US16	Most searched data	As a Professor I want to know what is the most searched faculty, subject and tag
US17	Statistics in a graphic format	As a Professor I want to see statistics data in graphic format.
US18	Guest view	As a Guest I want to see the main functionalities without an account

3. List of tests

Test ID	T-E1
Test Name	Test explorer show courses
Tested requirements	US1, US9
Pass/fail criteria definition	Pass criteria: - user get at least one course Fail criteria: - user did not get any data
Test description and context (optional)	User will test explorer search when all mandatory fields are entered.
Test procedure (steps for	1. Enter keyword: "Machine Learning"

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conducting the test)	<ol style="list-style-type: none"> Country input is shown Enter country: "Croatia" User will see at least one result for given criteria
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Test ID	T-E2
Test Name	Test explorer empty data
Tested requirements	US1
Pass/fail criteria definition	<p>Pass:</p> <ul style="list-style-type: none"> user will get message showing there is no results for given search <p>Fail</p> <ul style="list-style-type: none"> user will not see message telling there is no data
Test description and context (optional)	User will test explorer search when there is no results for given search criteria.
Test procedure (steps for conducting the test)	<ol style="list-style-type: none"> Enter keyword: "Erlang" Country input is shown Where do you want to study: "Sweden" User will see message telling there is no data available for given search data

Test ID	T-E3
Test Name	Test explorer missing mandatory fields warning

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Tested requirements	US1
Pass/fail criteria definition	Pass: <ul style="list-style-type: none"> - user is warned that he needs to fill all mandatory fields Fail <ul style="list-style-type: none"> - there is no message shown to user telling that mandatory fields should be filled
Test description and context (optional)	User will test explorer search when not a single one or all mandatory fields are entered.
Test procedure (steps for conducting the test)	<ol style="list-style-type: none"> 1. Press search explorer 2. Warning message is shown 3. Enter at least one keyword (e.g. "Erlang") 4. Press search explorer 5. Warning message is shown

Test ID	T-C1
Test Name	Get compared results in comparator
Tested requirements	US8, US9
Pass/fail criteria definition	Pass: <ul style="list-style-type: none"> - user enters all data - user gets result for comparison Fail <ul style="list-style-type: none"> - user get no data for comparison
Test description and context (optional)	User from Croatia want to study in Italy. He enters data about his home faculty to be compared with faculty of his wish.

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Test procedure (steps for conducting the test)	<ol style="list-style-type: none"> 1. Choose comparator tab 2. Enter valid data on source side: <ul style="list-style-type: none"> - Home university: <i>“University of Zagreb”</i> - Home faculty: <i>Faculty of electrical engineering and computing</i> - Program: <i>Computer Engineering - graduate</i> - Course: <i>Advanced Computer Networks</i> 3. Enter valid data on destination page <ul style="list-style-type: none"> - Where do you want to study: <i>Italy</i> - Any specific city: <i>L’Aquila</i> - How about university: <i>University of L’Aquila</i> - Any specific faculty? - <i>leave empty</i> 4. Press Compare 5. Compared courses are shown
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4. Test Coverage

In a current version of Acceptance Test Plan described tests coverage 4 out of 18 user stories.