# CSyllabus

# Acceptance Test Plan

## Version 0.6

# 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 |
| 2017-12-17 | 0.3 | Added table of content and style defined | Matej Vukosav |
| 2017-12-18 | 0.4 | Changed content of defined sections and filled them with more details. Tests are organized in Explorer, Comparator and Guest sections. Non-tested user stories are extracted and marked as missing. | Matej Vukosav |
| 2017-12-19 | 0.5 | Inserted page numbering and document information's update | Matej Vukosav |
| 2018-01-07 | 0.6 | Cleaned user stories table and added tests for US2, US11, US12, US13 and US14 | Matej Vukosav |

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|---|---|---|
| Acceptance Test Plan | Date: 2018-01-07 | |
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# Contents

# 1.    *Introduction*

## 1.1    Purpose of this document

The purpose of this document is to determine if the requirements from Requirements definition document are met based in a form of given tests that should be followed when testing of app. Every test case will cover one or more user stories copied from Requirements Document at the User Stories chapter. Every test will contain short description and instructions how tester should interact with the app in a case tester is not familiar with the app. Application is available at **https://csyllabus.com/demo/**

## 1.2    Document organization

The document is organized as follows:

- Section 1, *Introduction,* describes contents of this guide and provide general information's for whom and in a what way is this document created
- Section 2, *Test description,* general overview and purpose of tests
- Section 3, *User Stories,* lists user stories from the Requirement definition document
- Section 4, *List of tests*, describes instructions of how tests should be used
- Section 5, *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 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. Test will not contain any graphical content as it is prone to changes that does not affect app functionalities, but every test will describe positions of relevant elements that are tested.

## 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 available information's to a specific topic. |
| **US[x]** | 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 requirement). Each test will

contain:

- test id

- test name

- tested requirements

- precondition if required

- pass/fail criteria definition

- test description

- context (if needed)

- 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.

## 3.    *User stories*

User stories are copied from Requirement definition 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. |
| 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 |
| 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 |
| US13 | Syllabus share | As a student I want to share a course 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 |
| US18 | Guest view | As a Guest I want to see the main functionalities without an account |

## 1. List of tests

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*Explorer tests*

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| Test ID | T-E1 |
|---|---|
| **Test Name** | Show courses |
| **Tested requirements** | **US1** (As a student I want to search for syllabi by name, faculty or country), <br> **US9** (As a student I want to see other subjects that are relevant for me) |
| **Precondition** | / |
| **Pass/fail criteria definition** | Pass criteria: <br> - user get at least one course <br> Fail criteria: <br> - 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 conducting the test)** | Click on explorer image. <br> Explore courses from a university card will be displayed. Enter data: <br><br> 1. Select your destination: <br> ***"Faculty of electrical engineering and computing"*** <br> 2. Filter search with keywords: <br> ***" Machine Learning"*** <br> Press **enter**. Keyword should be transformed into chip with x mark <br> 3. Press ***"Explore"*** <br> 4. Progress bar will have shown <br> 5. After few moments progress bar will hide, and result will appear <br> 6. You should see at least one result for given criteria <br> 7. Result contains data. Each element contains title, university name and a short |

| | course description. |
|---|---|

| **Test ID** | **T-E2** |
|---|---|
| **Test Name** | Test explorer empty data |
| **Tested requirements** | **US1** (As a student I want to search for syllabi by name, faculty or country.) <br> **US2** (As a student I want to see syllabi details, so I can see what it contains.) |
| **Precondition** | / |
| **Pass/fail criteria definition** | Pass: <br> - message showing there is no results for given search is displayed <br> Fail <br> - message is not displayed |
| **Test description and context (optional)** | User will test explorer search when there are no results for given search criteria. |
| **Test procedure (steps for conducting the test)** | Click on explorer image. <br> Explore courses from a university card will be displayed. Enter data: <br><br> 1. Select your destination: <br> *"Faculty of electrical engineering and computing"* <br> 2. Filter search with keywords: <br> *" Picasso"* <br> Press Enter. Keyword should be transformed into chip with x mark <br> 3. Press *"Explore"* <br> 4. Progress bar will have shown <br> 5. After few moments progress bar will hide, and text *"No course for given search!"* is *displayed.* <br> 6. There should be no courses displayed |

| **Test ID** | **T-E3** |
|---|---|

| **Test Name** | Open course details |
|---|---|
| **Tested requirements** | **US3** (As a student I want to see details of course so I can see what they offer) |
| **Precondition** | Search for data as described in test T-E1 |
| **Pass/fail criteria definition** | Pass:<br>- Course details are shown after user click on course<br>Fail<br>- There are no course details available on user click |
| **Test description and context (optional)** | Test will show how user can see course details. |
| **Test procedure (steps for conducting the test)** | After conducting all steps from T-E1 list of courses is shown. Click on one course. Course details are displayed in a single card above all results.<br>Details contains<br>- course title,<br>- course description,<br>- faculty information's including<br>  - name, study level,<br>  - number of semesters,<br>  - ECTs and<br>  - English level.<br>Details also contains *Full page URL* and *chain icon* next to it.<br>After click on chain icon new tab will open containing more details about course if available. |

## Comparator tests

| **Test ID** | **T-C1** |
|---|---|
| **Test Name** | Compare my course with Italy course |
| **Tested requirements** | **US6** (As a student I want to choose country and faculty I am studying at, so I can choose my own courses for comparison), |

| | |
|---|---|
| | **US8** (As a student I want to see which faculties are most similar to my own, so I can see what is my best option),<br>**US9** (As a student I want to see other subjects that are relevant for me),<br>**US10** (As a student I want to choose destination country and faculty, so I can compare my courses with them.)<br>**US11** (As a student I want to see recommended courses, so I can maybe come to know something new) |
| **Pass/fail criteria definition** | Pass:<br>- user enters all data<br>- user gets result after comparison<br>Fail<br>- user get no data for comparison |
| **Test description and context (optional)** | User from Croatia want to study in Italy.<br>He enters data about his home faculty to be compared with faculty of his wish. |
| **Test procedure (steps for conducting the test)** | 1. **Choose compare card**<br>2. **Enter valid data input:**<br>- Select courses from: ***"Faculty of electrical engineering and computing"***<br>3. Add course to compare list:<br>- Select course at faculty for whom will comparison try to find similar courses in destination faculty:<br>- Select course: ***Advanced Computer Networks***<br>4. Click on + sign next to selected course. Course will now be in a small chipset with x for deleting it from comparison.<br>5. **Choose destination data**<br>- Compare with courses from: ***University of L'Aquila***<br>6. Press **Compare**<br>7. Compared courses are shown Results are showing number of similarity between two courses.<br><br>. |

| Test ID | T-G1 |
|---|---|
| **Test Name** | Guest mode |
| **Tested requirements** | **US18** (As a Guest I want to see the main functionalities without an account) |
| **Precondition** | / |
| **Pass/fail criteria definition** | Pass:<br> - User can see explorer and comparator data without creating an account. All tests from explorer and comparator section should be available and successfully tested.<br>Fail<br> - User cannot perform all tests from explorer and comparator section |
| **Test description and context (optional)** | Guest user can see all functionalities of explorer and comparator |
| **Test procedure (steps for conducting the test)** | Run every test from explorer and comparator section without a special account. |

*Share*

| Test ID | T-S1 |
|---|---|
| **Test Name** | Course share on social networks |
| **Tested requirements** | **US13** (As a student I want to share a course in social media so others can see it) |
| **Precondition** | Follow test **T-E3** |
| **Pass/fail criteria definition** | Pass:<br> - User can share course on social networks and messaging apps<br> - App sharing page is opened<br>Fail<br> - App sharing page is not opened after click on sharing icon |

| **Test description and context (optional)** | |
|---|---|
| **Test procedure (steps for conducting the test)** | 1. Course detail page is opened<br>2. Click on *Full Page URL chain icon* to see full details.<br>3. New page will open<br>4. There will be icons for multiple social networks and messaging apps (e.g. Twitter, LinkedIn, WhatsApp)<br>5. Click on any icon to share course details<br>6. App sharing page will open |

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*Comments and evaluation*

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| **Test ID** | **T-CE1** |
|---|---|
| **Test Name** | Course log in and course comments |
| **Tested requirements** | **US12** (As a student I want to comment and evaluate a course) |
| **Precondition** | Follow test **T-E3** |
| **Pass/fail criteria definition** | Pass:<br>   - User can leave comment on course<br>Fail<br>   - User comment is not visible on page |
| **Test description and context (optional)** | User can leave a comment on course page and express his opinion about quality of course. User can also see other comments. |
| **Test procedure (steps for conducting the test)** | 1. Course detail page is opened<br>2. Click on *Full Page URL chain icon* to see full details.<br>3. New page will open<br>4. User need to log in with Facebook or google account to leave comment.<br>5. Click on Facebook or google + icon below *Sign in with* label at the bottom of page<br>6. After log in user will see his profile data. Username, email and picture.<br>7. Write comment message in comment box.<br>8. Click POST |

| | 9. Comment list will refresh and show user comment at the bottom. New comment will be first at the top. Comments are sorted descending by post time. |
|---|---|

*Admin site*

| Test ID | T-AS1 |
|---|---|
| **Test Name** | Admin site |
| **Tested requirements** | US14 (As a Professor I want to have option to add new syllabi to the database so that database can expand) |
| **Precondition** | User has admin access to edit syllabus database |
| **Pass/fail criteria definition** | Pass:<br>- User can edit syllabus with admin right<br>Fail<br>- User has no rights to edit syllabus although he has admin rights for syllabus faculty |
| **Test description and context (optional)** | User can add or create syllabus for his faculty. He need to be one of admins added by CSyllabus team. User with admin right for faculty syllabus can manage his data. |
| **Test procedure (steps for conducting the test)** | 1. Login as our user in admin page<br>- Open csyllabus.com/admin<br>- Log in as user with admin rights:<br>- Username: "***adminTest"***<br>- Password: "***passTest"***<br>- Log in<br>2. Click on new course<br>3. Insert course data<br>4. Data are saved and changed |

## 5. Test Coverage

In a current version of Acceptance Test Plan described tests coverage 13 out of 13 user stories.

Non-tested user stories are still under development and will be included in this document after they are finished.