Curri

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January 2018

1 Introduction

1.1 Functionality

1.1.1 Topics

A topic is the base unit for the curriculum structure. A course consists of a list of topics.

Each topic may have a prerequisite topic.

When courses are combined, courses prerequisites will be calculated automatically.

Fields:

1. Description

2. Minimum number of hours

3. Textbook id

4. Pages (text)

Topic-Textbook - Many-to-many

1.1.2 Courses

Fields:

1. Name

2. Description

3. Pages (text)

1.1.3 Courses-Topics Many-to-Many

Fields:

1. Course Id

2. Topic Id

3. Week No

4. Hours

1.1.4 Textbooks

Fields:

1. Authors

2. Name

3. Publisher

4. Year

5. ISBN

6. Link

1.1.5 Learning Outcomes

Each topic has learning outcomes. This is needed for combining learning outcomes for the course and for the curriculum.

Fields:

1. Topic Id

2. Description

1.1.6 Curriculum

Fields:

1. Department Id

2. Description

3. Specialty

4. Year (cohort/graduation year)

1.1.7 Curriculum-Courses Many-to-Many

Fields:

1. Course Code

2. Name (it may differ from course original name)

3. Curriculum Id

4. Course Id

5. Hours

6. Credits

7. ECTS Credits

8. Labels

2 Logic

Curriculum Management System lklk

3 Back-End

4 Database structure

Curriculum Management System lklk

5 REST architecture

Curriculum Management System lklk

6 Front-End

7 Web User Interface (UX)

Curriculum Management System lklk