

StudyATHome Internationally

Project Overview

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StudyATHome
Internationally

Funded By



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Economic Affairs,
Labour and Statistics



Outline

- 1 Overview
- 2 eLearning Sharing
- 3 Virtual Project Teams
- 4 Translation & Conversion
- 5 Summer School
- 6 AsTeRICS Web & eLearning

Section

1 Overview

1.1 Project team

1.2 Objectives

1.3 Tasks

1.4 Network

1.5 Schedule

Project team



Martin Deinhofer, Project lead



Florian Ellinger, Team member



Alija Sabic, Team member



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Project Overview

Overview

Project team

Objectives

Tasks

Network

Schedule

eLearning Sharing

Virtual Project Teams

Translation & Conversion

Summer School

AsTeRICS Web & eLearning

Objectives

- Objectives
 - Implement international teaching setup for students in *Assistive Technologies (AT)* and *Smart Homes (SH)*
 - Improve *attractivity* for incoming students
 - Improve *accessibility* of course contents
- Target group: People being “less mobile” due to
 - Job
 - Family
 - Disability



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Project Overview

Overview

Project team

Objectives

Tasks

Network

Schedule

eLearning Sharing

Virtual Project Teams

Translation & Conversion

Summer School

AsTeRICS Web & eLearning

Project tasks

- Internationalization at home (Proof of Concept)
 - Sharing of eLearning courses
 - Virtual project teams
- Translation and *conversion* of teaching material (accessibility)
- International Summer School at UAS Technikum Wien
- AsTeRICS Web & eLearning



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Project Overview

Overview

Project team

Objectives

Tasks

Network

Schedule

eLearning Sharing

Virtual Project Teams

Translation & Conversion

Summer School

AsTeRICS Web & eLearning

Partner network



Figure 1: Network of partner universities



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Project Overview

Overview

Project team

Objectives

Tasks

Network

Schedule

eLearning Sharing

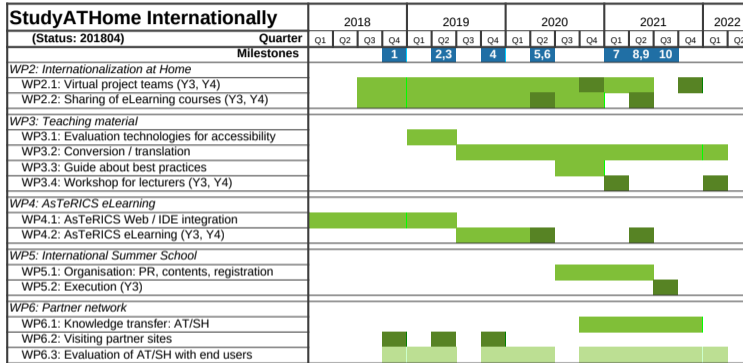
Virtual Project Teams

Translation & Conversion

Summer School

AsTeRICS Web & eLearning

Schedule



- | | | |
|-------------------|---|---|
| Milestones | 1 Course concepts ready | 7 Virtual project courses done |
| | 2 Course listing online | 8 Publication released |
| | 3 AsTeRICS Web Release | 9 Teaching m. translated/converted |
| | 4 AsTeRICS Web course online | 10 Summer School held |
| | 5 Guide for accessible teaching m. | |
| | 6 Courses eLearning sharing done | |

Figure 2: Project schedule



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Project Overview

Overview

Project team

Objectives

Tasks

Network

Schedule

eLearning Sharing

Virtual Project Teams

Translation & Conversion

Summer School

AsTeRICS Web & eLearning

Section

2 eLearning Sharing

2.1 Overview

2.2 Workflow

2.2.1 Course Search

2.2.2 Matriculation

2.2.3 Self-enrollment

2.2.4 Grading

eLearning Sharing - Overview

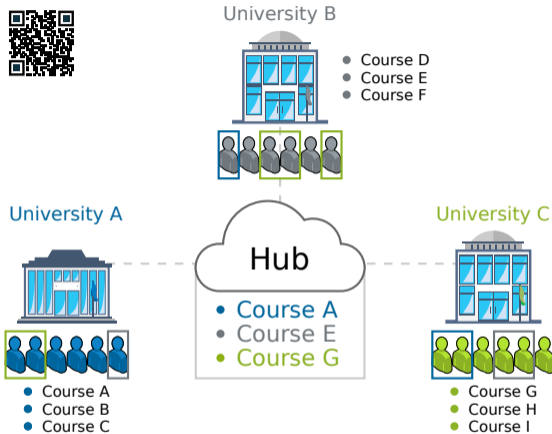


Figure 3: Sharing courses via StudyATHome Hub

Download [eLearning Sharing Concept](#) document.



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Project Overview

Overview
eLearning Sharing

Overview

Workflow

Virtual Project Teams

Translation & Conversion

Summer School

AsTeRICS Web & eLearning

eLearning Sharing - Workflow

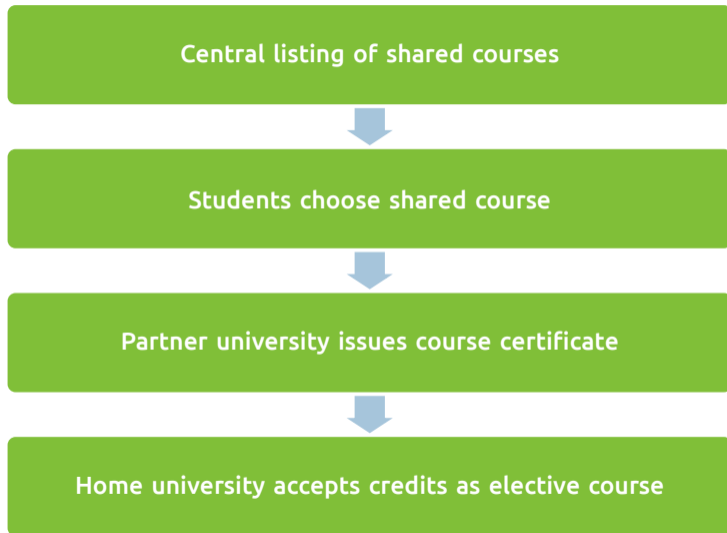


Figure 4: Workflow - Main



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Project Overview

Overview

eLearning Sharing

Overview

Workflow

Course Search

Matriculation

Self-enrollment

Grading

Virtual Project Teams

Translation & Conversion

Summer School

ASTeRICS Web & eLearning

Workflow - Course Search

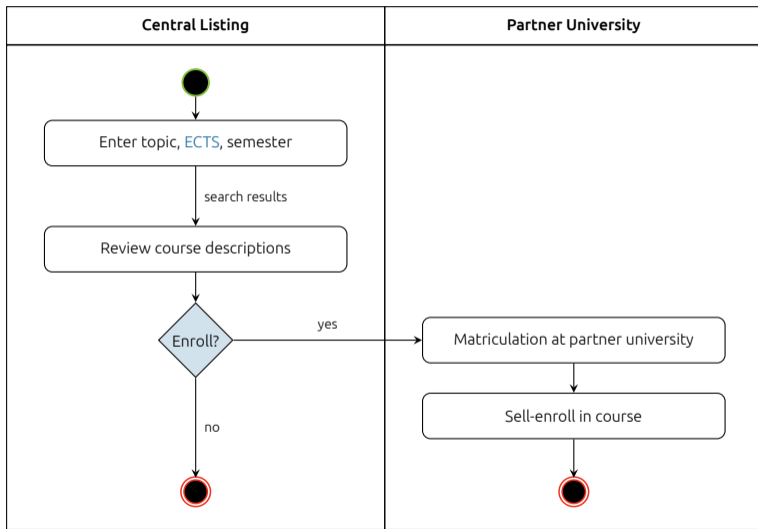


Figure 5: Workflow - Course Search



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Project Overview

Overview

eLearning Sharing

Overview

Workflow

Course Search

Matriculation

Self-enrollment

Grading

Virtual Project Teams

Translation & Conversion

Summer School

ASTeRICS Web & eLearning

Workflow - Matriculation

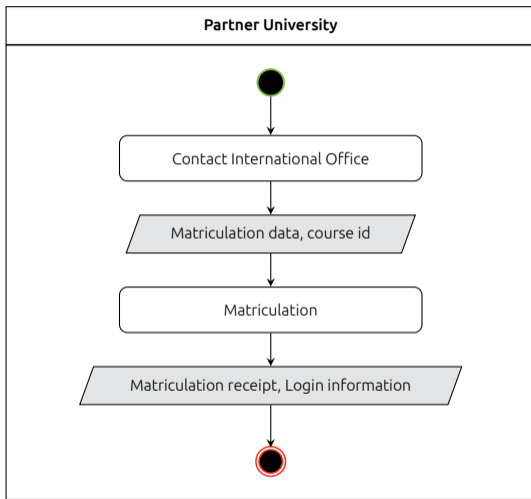


Figure 6: Workflow - Matriculation of student at partner university



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Project Overview

Overview

eLearning Sharing

Overview

Workflow

Course Search

Matriculation

Self-enrollment

Grading

Virtual Project Teams

Translation & Conversion

Summer School

AsTeRICS Web & eLearning

Workflow - Self Enrollment

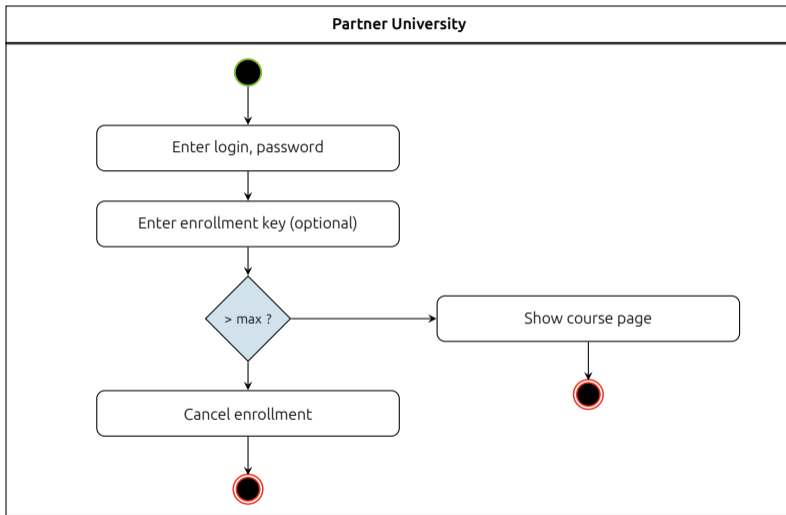


Figure 7: Workflow - Self-enrollment of student



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Project Overview

Overview

eLearning Sharing

Overview

Workflow

Course Search

Matriculation

Self-enrollment

Grading

Virtual Project Teams

Translation & Conversion

Summer School

ASTeRICS Web & eLearning

Workflow - Grading

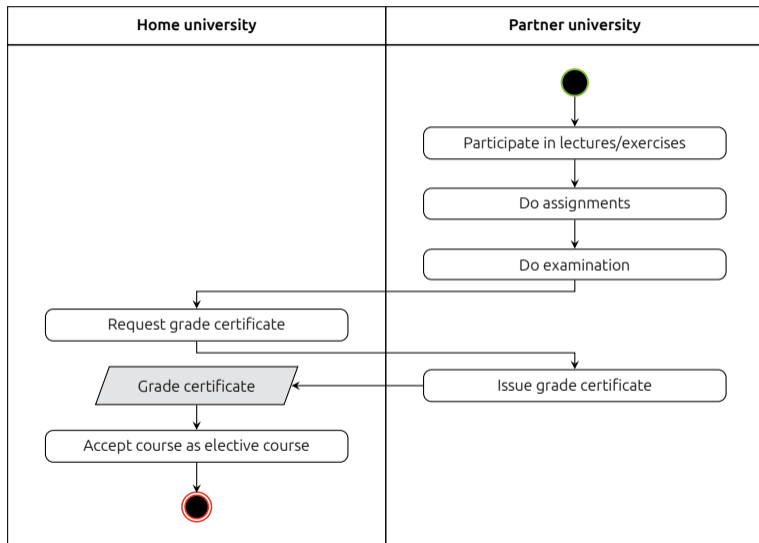


Figure 8: Workflow - Grading at partner university



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Project Overview

Overview

eLearning Sharing

Overview

Workflow

Course Search

Matriculation

Self-enrollment

Grading

Virtual Project Teams

Translation & Conversion

Summer School

AsTeRICS Web & eLearning

Section

3 Virtual Project Teams

3.1 Overview

3.2 Workflow

3.2.1 Example

Virtual Project Teams - Overview

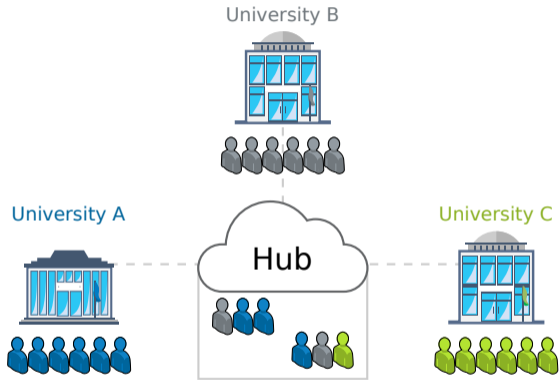


Figure 9: Workflow - Overview



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Project Overview

Overview

eLearning Sharing

Virtual Project Teams

Overview

Workflow

Translation & Conversion

Summer School

AsTeRICS Web & eLearning

Virtual Project Teams - Workflow

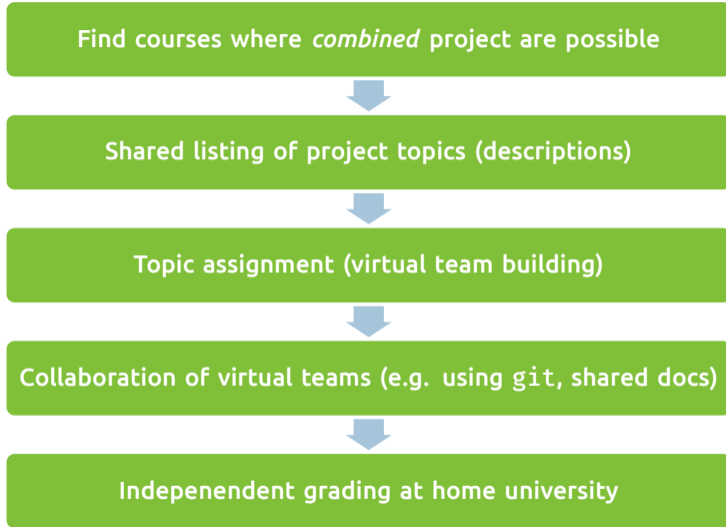


Figure 10: Workflow - Main



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Project Overview

Overview

eLearning Sharing

Virtual Project Teams

Overview

Workflow

Example

Translation & Conversion

Summer School

AsTeRICS Web & eLearning

Workflow - Example

Project Topic 3: Design and implementation of alternative input device

1. **Subtask:** PCB design and manufacturing
2. **Subtask:** Case design and 3D printing

Partner 1

Martin assigns for topic 3/subtask 1

Partner 2

Carry assigns for topic 3/subtask 2

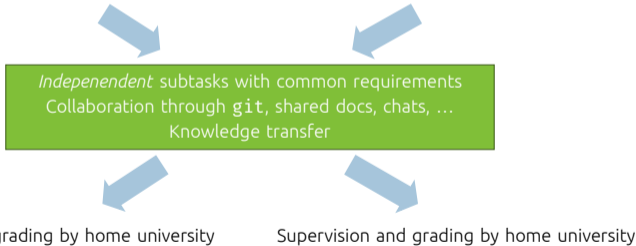


Figure 11: Workflow - Example



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[Project Overview](#)

[Overview](#)

[eLearning Sharing](#)

[Virtual Project Teams](#)

[Overview](#)

[Workflow](#)

[Example](#)

[Translation & Conversion](#)

[Summer School](#)

[AsTeRICS Web & eLearning](#)

Section

4 Translation & Conversion

Translation & Conversion

- Translation of learning material to English (3-5 courses)
- Conversion of learning material to accessible format (3-5 courses)
- Provide templates for latex, pdf, pptx,...?
- Improve accessibility of moodle?
- Training of teaching stuff?



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[Project Overview](#)

[Overview](#)

[eLearning Sharing](#)

[Virtual Project Teams](#)

[Translation & Conversion](#)

[Summer School](#)

[AsTeRICS Web & eLearning](#)

Section

5 Summer School

Summer School

- International Summer School about *Assistive Technologies (AT)* and *Smart Homes (SH)* at UAS Technikum Wien
- Guest lecturers from partner universities
- Summer 2021



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[Project Overview](#)

[Overview](#)

[eLearning Sharing](#)

[Virtual Project Teams](#)

[Translation & Conversion](#)

[Summer School](#)

[AsTeRICS Web & eLearning](#)

Section

6 AsTeRICS Web & eLearning

AsTeRICS - Web & eLearning

- Development of improved AsTeRICS Web platform
 - Source of Information
 - Improvement of WebACS
 - AsTeRICS model sharing?

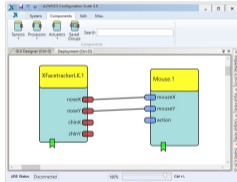


Figure 12: Model view

- Creation of AsTeRICS eLearning course
 - Listed in central course listing



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Project Overview

Overview

eLearning Sharing

Virtual Project Teams

Translation & Conversion

Summer School

AsTeRICS Web & eLearning

Acronyms I

AsTeRICS *Assistive Technology Rapid Integration & Construction Set*

AT *Assistive Technology*

ECTS *European Credit Transfer System*

SH *Smart Home*

UAS *University of Applied Science*



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Acronyms

References

References I



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Project Overview

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Acronyms

References