

StudyATHome Internationally

Project Overview

Ausgeführt von: Martin Deinhofer, Alija Sabic

Vienna, January 2, 2019



StudyATHome
Internationally

Gefördert von



StoDt+Wien

Funded by the City of Vienna, Grant nr. 22-07



Outline

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

Project team



Figure 1: Martin Deinhofer, Project lead



Figure 2: Alija Sabic, Team member



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Alija Sabic

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Objectives

■ Objectives

- Implement international teaching setup for students in Assistive Technology (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 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 TW
- AsTeRICS Web & eLearning



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Partner network



Figure 3: Network of partner universities



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StudyAtHome Internationally		2018				2019				2020				2021				2022	
(Status: 201804)		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
Milestones					1		2,3		4		5,6				7	8,9	10		
<i>WP2: Internationalization at Home</i>																			
WP2.1: Virtual project teams (Y3, Y4)																			
WP2.2: Sharing of eLearning courses (Y3, Y4)																			
<i>WP3: Teaching material</i>																			
WP3.1: Evaluation technologies for accessibility																			
WP3.2: Conversion / translation																			
WP3.3: Guide about best practices																			
WP3.4: Workshop for lecturers (Y3, Y4)																			
<i>WP4: AsTeRICS eLearning</i>																			
WP4.1: AsTeRICS Web / IDE integration																			
WP4.2: AsTeRICS eLearning (Y3, Y4)																			
<i>WP5: International Summer School</i>																			
WP5.1: Organisation: PR, contents, registration																			
WP5.2: Execution (Y3)																			
<i>WP6: Partner network</i>																			
WP6.1: Knowledge transfer: AT/SH																			
WP6.2: Visiting partner sites																			
WP6.3: Evaluation of AT/SH with end users																			

- | | | |
|-------------------|---|---|
| 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 4: Project schedule

eLearning Sharing - Overview

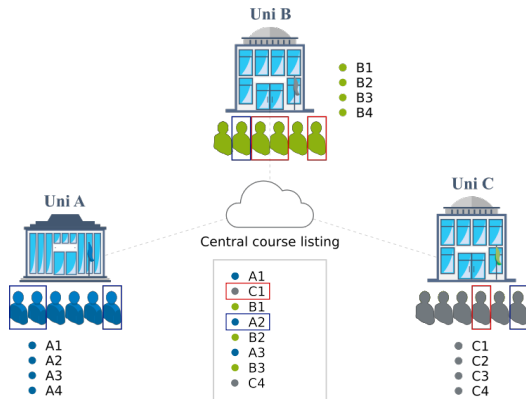


Figure 5: Workflow - Overview

See: eLearning Sharing Concept



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eLearning Sharing - Workflow - Main

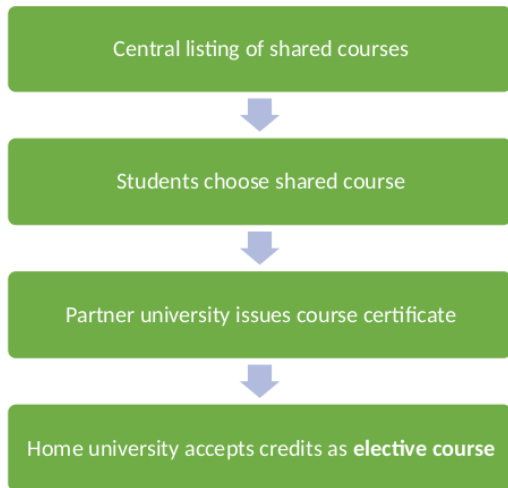


Figure 6: Workflow - Main



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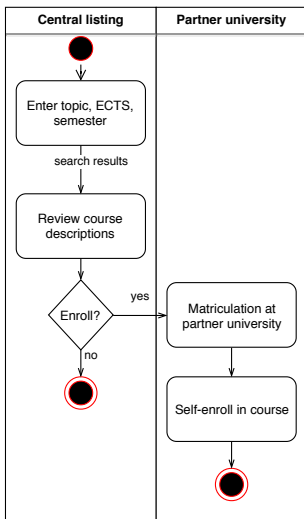
Virtual Project
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Conversion

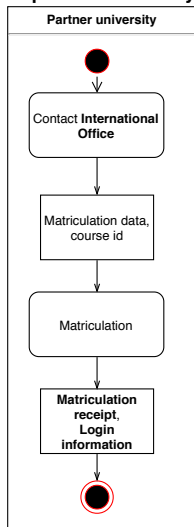
Summer School

AsTeRICS Web
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Course search



Matriculation of student at partner university



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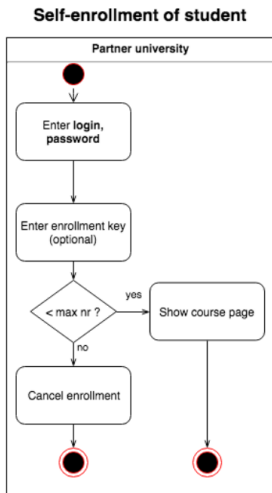


Figure 9: Workflow - Self Enrollment

eLearning Sharing - Workflow - Grading



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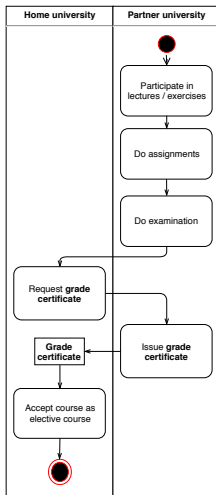
Virtual Project
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Grading at partner university



Virtual Project Teams - Overview

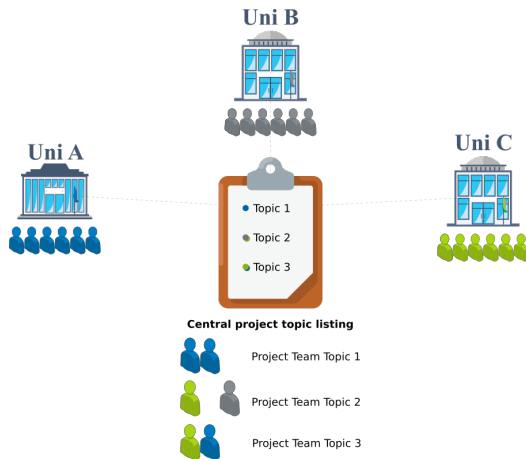


Figure 11: Workflow - Overview



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Virtual Project Teams - Workflow - Main

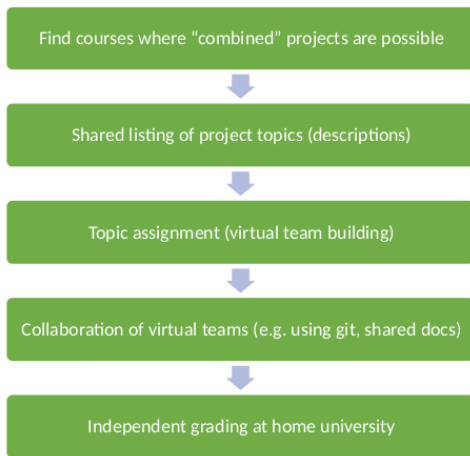


Figure 12: Workflow - Main



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Virtual Project Teams - Workflow - Example

Project Topic 3: Design and implementation of alternative input device

Subtask1: PCB design and factoring

Subtask2: Case design and 3D printing

Partner 1

Martin assigns for topic 3/subtask 1

Partner 2

Carry assigns for topic 3/subtask 2

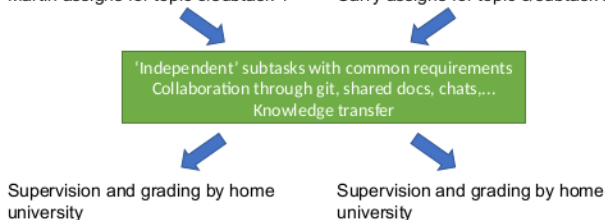


Figure 13: Workflow - Example



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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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Summer School

- International Summer School about Assistive Technologies and Smart Homes at UAS Technikum Wien
- Guest lecturers from partner universities.
- Summer 2021



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AsTeRICS Web & eLearning

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

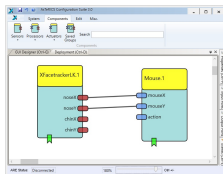


Figure 14: Model view

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



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