

# StudyATHome Internationally

## Project Overview

Ausgeführt von: Martin Deinhofer, Alija Sabic

Vienna, November 28, 2018

# Outline

- 1 Agenda
- 2 Overview
  - Project team
  - Objectives
  - Tasks
  - Network
  - Schedule
- 3 eLearning Sharing
- 4 Virtual Project Teams
- 5 Translation & Conversion

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- Project overview



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# Agenda

- Project overview
- Identify synergies and potential problems



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■ Project overview

■ Identify synergies and potential problems

# Agenda

- Project overview

- Identify synergies and potential problems

- Next steps



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- Project overview
- Identify synergies and potential problems
- Next steps

# Project team



Figure 1: Martin Deinhofer, Project lead



Figure 2: Alija Sabic, Team member



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Figure 1: Martin Deinhofer, Project lead



Figure 2: Alija Sabic, Team member

# Objectives

## ■ Objectives

- Implement international teaching setup for students in Assistive Technology (AT) and Smart Homes (SH)
- Improve attractiveness for incoming students
- Improve accessibility of course contents

## ■ Target group: People being „less mobile“ due to

- Job
- Family
- Disability



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

# 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 eLearning



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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
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# Partner network



Figure 3: Network of partner universities



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- Partner network

Partner network



Figure 3: Network of partner universities

# Schedule

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



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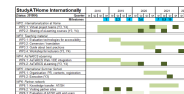


Figure 4: Project schedule

# eLearning Sharing - Workflow - Main

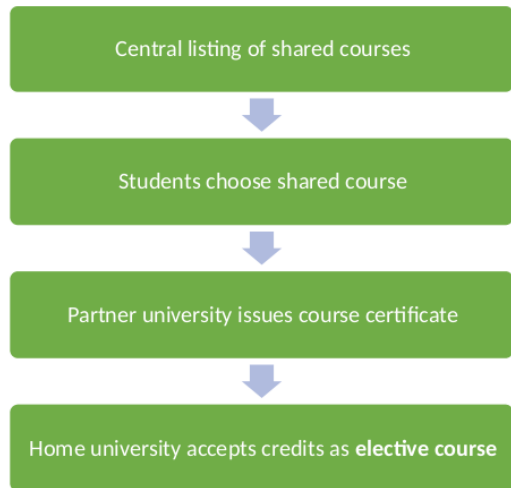


Figure 5: Workflow - Main



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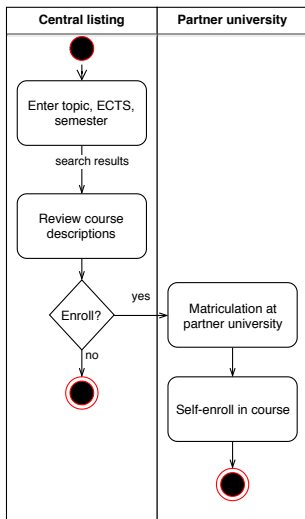
eLearning Sharing

eLearning Sharing - Workflow - Main



Figure 5: Workflow - Main

## Course search



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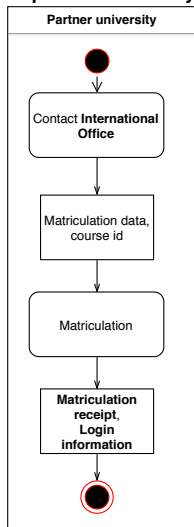
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eLearning Sharing

eLearning Sharing



## eLearning Sharing - Workflow - Matriculation

Matriculation of student  
at partner university

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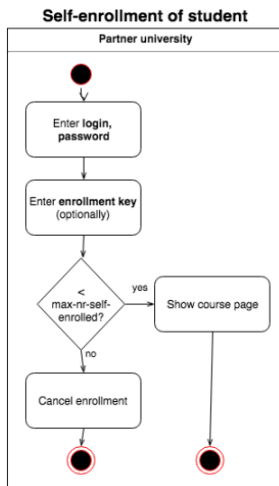


Figure 8: Workflow - Self Enrollment



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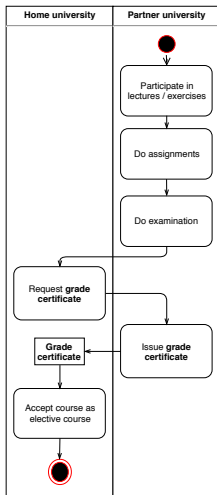
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Figure 8: Workflow - Self Enrollment

## Grading at partner university



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Workflow - Grading



# Virtual Project Teams - Workflow - Main

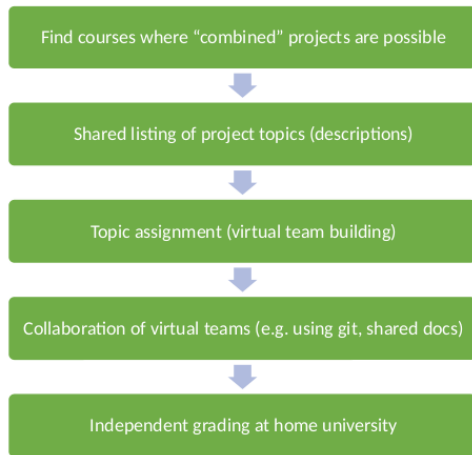


Figure 10: Workflow - Main



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Virtual Project Teams

Virtual Project Teams - Workflow - Main



Figure 10: Workflow - Main



# 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

'Independent' subtasks with common requirements  
Collaboration through git, shared docs, chats,...  
Knowledge transfer

Supervision and grading by home university

Supervision and grading by home university

Figure 11: Workflow - Example



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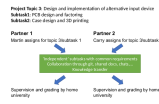


Figure 11: Workflow - Example

# Virtual Project Teams - Workflow - Overview

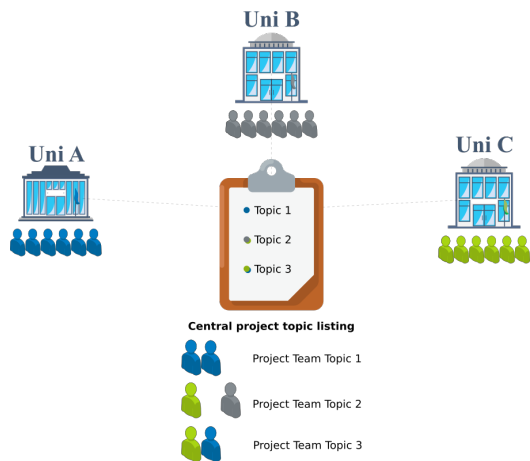


Figure 12: Workflow - Overview



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Figure 12: Workflow - Overview

# 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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## Translation & Conversion

### Translation & Conversion

Translation & Conversion

- Translation of learning material to English (3-5 courses)
- Conversion of learning material to accessible format (3-5 courses)
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