

StudyATHome Internationally

Project Overview

Ausgeführt von: Martin Deinhofer, Alija Sabic

Vienna, January 2, 2019



StudyATHome
Internationally

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

Gefördert von



StoDt+Wien



2019-01-02

StudyATHome Internationally
Project Overview

Ausgeführt von: Martin Deinhofer, Alija Sabic



Vienna, January 2, 2019



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

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- eLearning Sharing
- Virtual Project Teams
- Translation & Conversion
- Summer School
- AsTeRICS Web & eLearning

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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 - 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 Web & eLearning



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Project tasks

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Partner network



Figure 3: Network of partner universities



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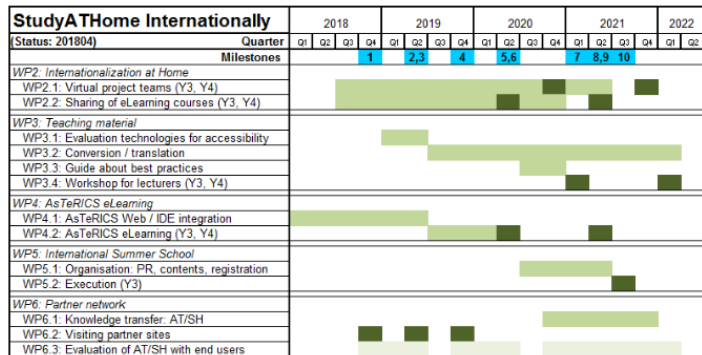
Overview
Network
Partner network

Partner network



Figure 3: Network of partner universities

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 4: Project schedule



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Schedule



Figure 4: Project schedule

eLearning Sharing - Overview

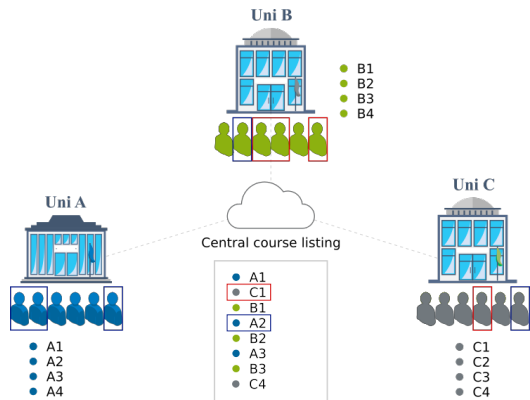


Figure 5: Workflow - Overview

See: eLearning Sharing Concept



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eLearning Sharing

eLearning Sharing

eLearning Sharing - Overview



Figure 5: Workflow - Overview

See: eLearning Sharing Concept

eLearning Sharing - Workflow - Main

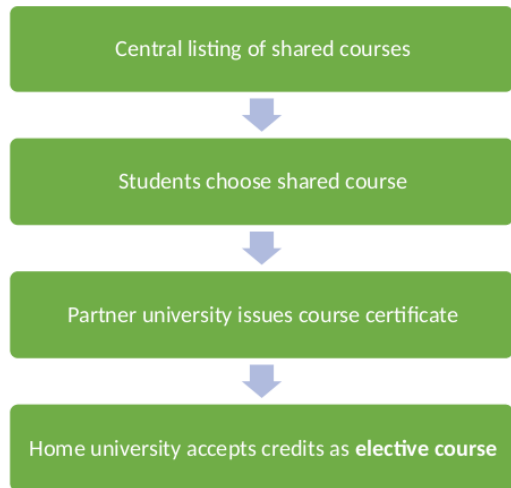


Figure 6: Workflow - Main



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eLearning Sharing

eLearning Sharing

eLearning Sharing - Workflow - Main

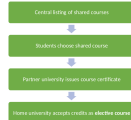
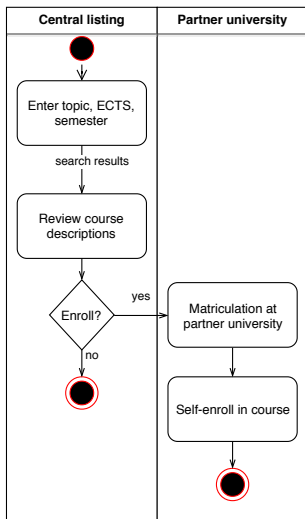


Figure 6: Workflow - Main

eLearning Sharing - Workflow - Course Search

Course search



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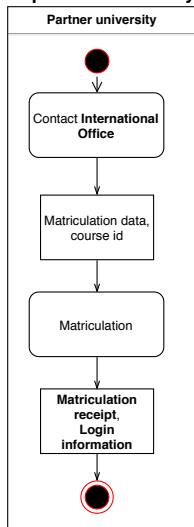
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eLearning Sharing

eLearning Sharing



eLearning Sharing - Workflow - Matriculation

Matriculation of student
at partner university

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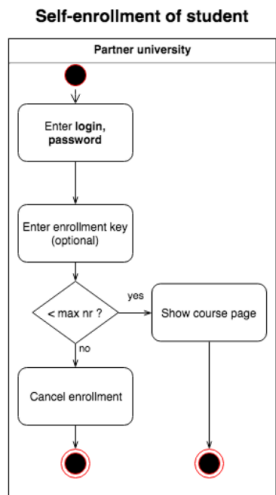


Figure 9: Workflow - Self Enrollment



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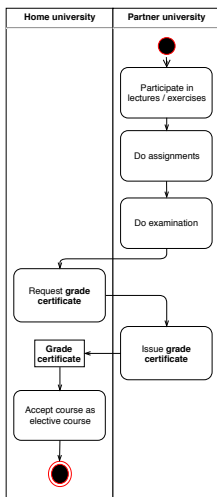
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Figure 9: Workflow - Self Enrollment

eLearning Sharing - Workflow - Grading

Grading at partner university



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eLearning Sharing



Virtual Project Teams - Overview

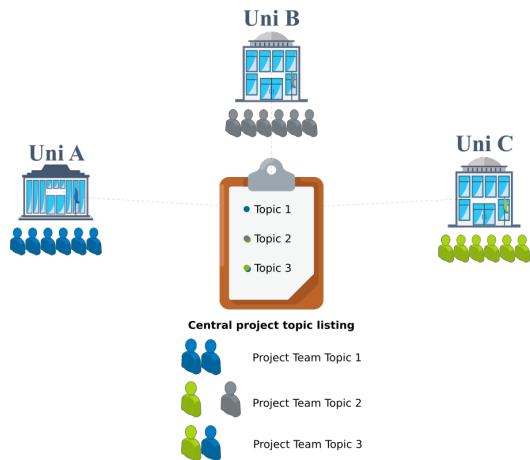


Figure 11: Workflow - Overview



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Virtual Project Teams

Virtual Project Teams

Virtual Project Teams - Overview



Figure 11: Workflow - Overview

Virtual Project Teams - Workflow - Main

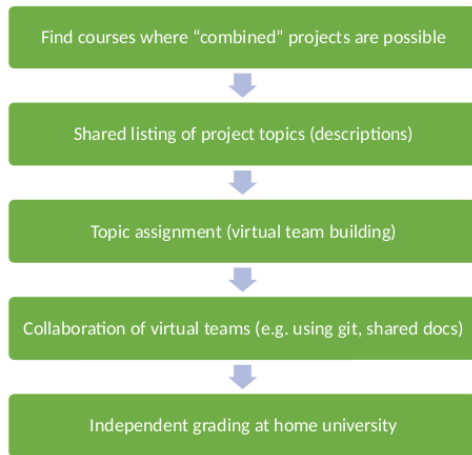


Figure 12: Workflow - Main



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Virtual Project Teams

Virtual Project Teams - Workflow - Main



Figure 12: Workflow - Main

Virtual Project Teams - Workflow - Example

Project Topic 3: Design and implementation of alternative input device

Subtask1: PCB design and factoring

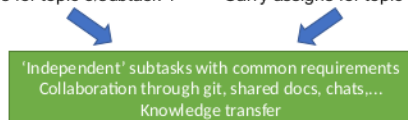
Subtask2: Case design and 3D printing

Partner 1

Martin assigns for topic 3/subtask 1

Partner 2

Carry assigns for topic 3/subtask 2



Supervision and grading by home university

Supervision and grading by home university

Figure 13: Workflow - Example



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Virtual Project Teams

Virtual Project Teams

Virtual Project Teams - Workflow - Example



Figure 13: Workflow - Example

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

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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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└ Summer School

└ Summer School

Summer School

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

AsTeRICS Web & eLearning

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

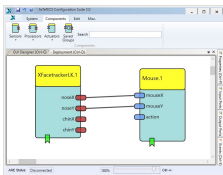


Figure 14: Model view

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



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AsTeRICS Web & eLearning

AsTeRICS Web & eLearning

AsTeRICS Web & eLearning

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Figure 14: Model view

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 - Listed in central course listing