



A SAP-UI5 application for students to upload the Master's thesis to SAP.

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Session I-3

HERUG April 12, 2016 – Durham



Agenda

- Why an application for master thesis?
- Phase 1
 - Deliverables
 - Project approach
 - Technical challenges
- Phase 2
 - Deliverables
 - Turnitin integration

Why an application for master thesis?

- Board of the University decides in 2010 that every master's thesis should be submitted electronically to add to library catalog.
- Fast solution with minimal deployment of people and resources via blackboard assignments.

Disadvantages Blackboard Solution



- The procedure is **course/community-based instead of student based**
- **Not user friendly** (too many clicks)
- The transfer to the **Library** requires a lot of sending back-and-forth of large/huge files
- No good solution to send Meta data (double entry of data)
- There is no good way to communicate **embargoes** to the Library software
- No integration with examsystem and individual work in SAP
- Not enforceable

TO BE OBJECTIVES

- Meta data
 - Faculty
 - Program
 - name student
 - name master thesis module
 -

directly introduced and available in SAP system.
- No redundancy and possible mistakes



Phase 1

SAP project 2015 PHASE 1

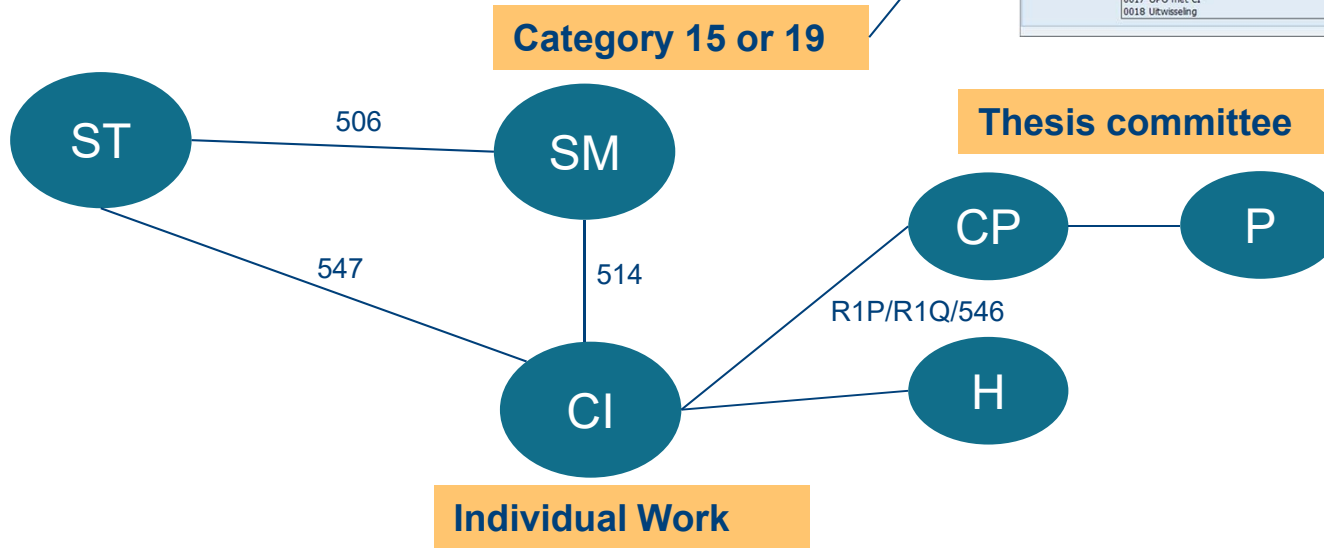
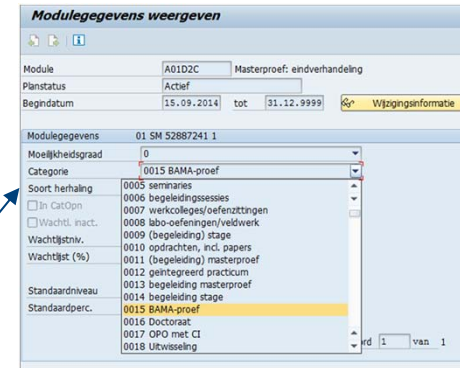
- Webapplication student to upload master's thesis and enter meta data
- Application for faculty members to report and download data
- Interface to library

Overview Master's Theses KU Leuven

Faculty	Amount of Master thesis course units	Amount of students taking a masterthesis course
Faculteit Theologie en Religiewetenschappen	10	176
Institute of Philosophy	3	189
Faculty of Canon Law	4	35
Faculty of Law	14	1018
Faculty of Economics and Business (FEB)	21	1008
Faculty of Social Sciences	15	793
Faculty of Arts	32	1226
Faculty of Psychology and Educational Sciences	5	16
Faculty of Science	34	528
Faculty of Engineering Science	58	1324
Faculty of Bioscience Engineering	34	385
Faculty of Engineering Technology	57	3131
Faculty of Architecture	16	304
Faculty of Medicine	28	1109
Faculty of Kinesiology and Rehabilitation Sciences	6	420
Faculty of Pharmaceutical Sciences	7	195
Total	344	12.557

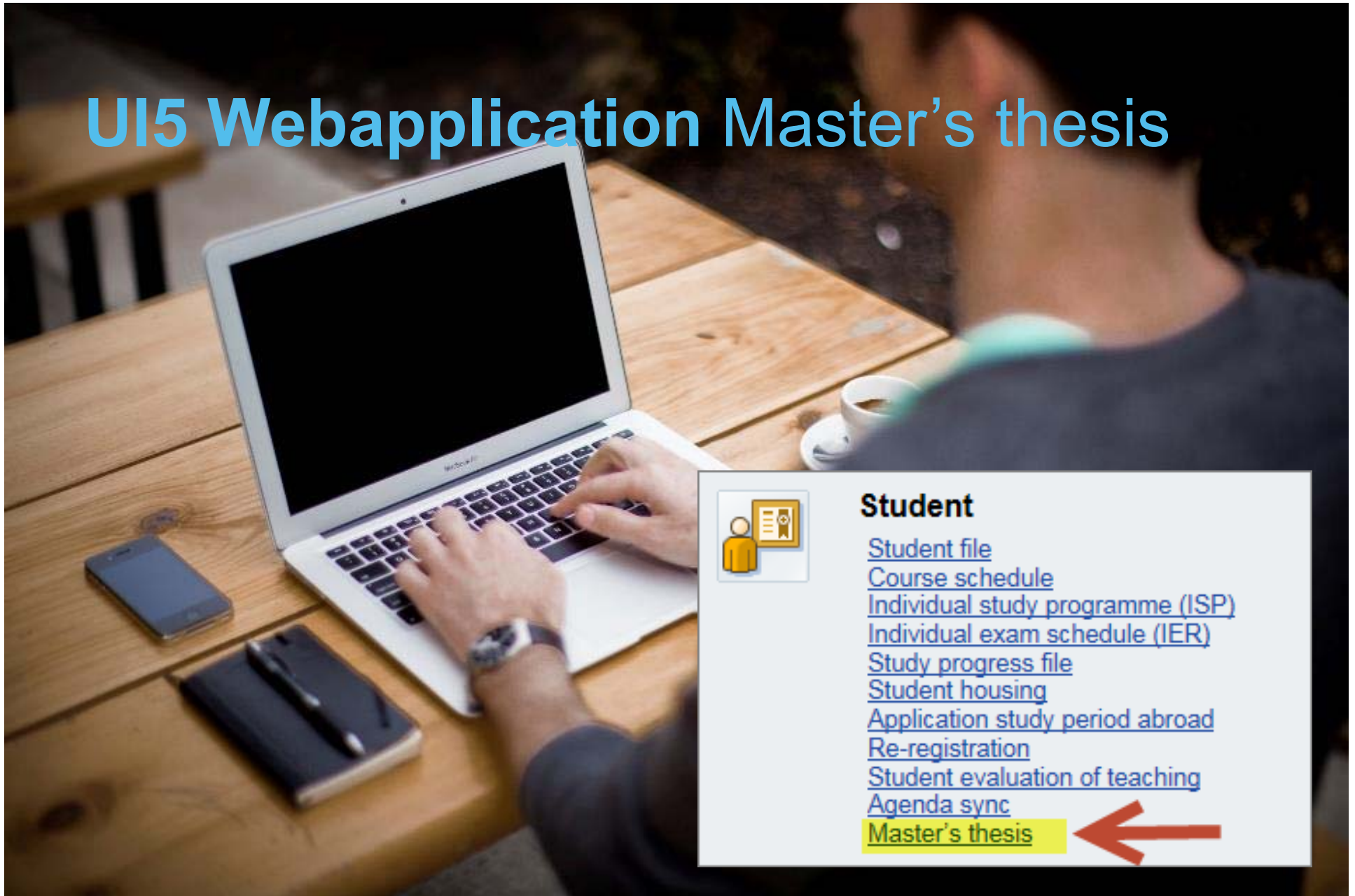
Master's thesis datamodel in SAP

The category is assigned to a module in the infotype Module Data (1746)



Title, summary...

UI5 Webapplication Master's thesis



Student

- [Student file](#)
- [Course schedule](#)
- [Individual study programme \(ISP\)](#)
- [Individual exam schedule \(IER\)](#)
- [Study progress file](#)
- [Student housing](#)
- [Application study period abroad](#)
- [Re-registration](#)
- [Student evaluation of teaching](#)
- [Agenda sync](#)
- [Master's thesis](#)



UI5 application Masterthesis

Master's thesis

HNI18A : Masterproef (Engels) (Master in de intellectuele rechten (Brussel))

Metadata

General information

Student: 0162694 Timea Balogh Faculty: Faculty of Law
Programme: Master in de intellectuele rechten (Brussel) Course unit: HNI18A : Masterproef (Engels)

Title of master's thesis: English
Data protection in research - any risk for research participants? A comparison of the EU, the Maghreb and the Far-East region.

Number of pages

52

Summary

Summary in the original language (English/Dutch, max. 3500 characters)
(If your master's thesis was NOT written in English or Dutch, please consult your faculty's website regarding the summary language.)

Translated summary (Dutch/English, max. 3500 characters)
(only if required by your faculty).

English

The protection of data of research participants is a crucial element of research, both in the field of medical studies and in social sciences/humanities.

The thesis examines the different aspects of data protection comparing three regions of the world, the European Union, the Maghreb and the Far-East regions, focussing on the rights of the research participant.

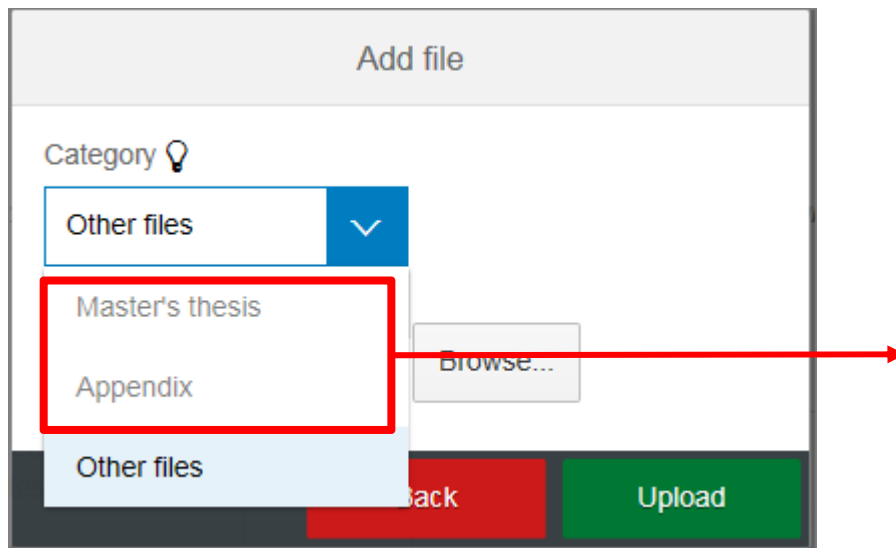
The point of departure and basis of comparison is the European Union. In the

Files

File name	Size	Category	Date
thesis.pdf	459 kb	Master's thesis	04.01.2016 13:09:45

Add file Save

3 submission deadlines per year



- 3 deadlines per year. Before each exam period (january, june, september).
- 5 weeks before deadline Master's thesis and Appendix can be uploaded.

Deadlines and embargo via YC266

- Possibility to enter submission **deadlines and embargo's** for faculty members via a dedicated transaction YC266 (maintain individual work)

Onderhoud Individueel werk

Selectie Individueel Werk

Academiejaar	2014	2014 - 2015
Examenperiode	6	Evaluatie Juni
Faculteit	50000600	Faculteit Geneeskunde
Opleiding	51016850	MA manag. & beleid gezondheidszorg (oud
	0	
Stage / Verhandeling		
Student	0472446	Schiepers, Katleen
Lid Evaluatiecommissie		

Familienaam
Voornaam

Embargo

Vertaalde en originele titel en samenvatting en hoofdtekst en

Aantal studenten 1

Deadline indienen student

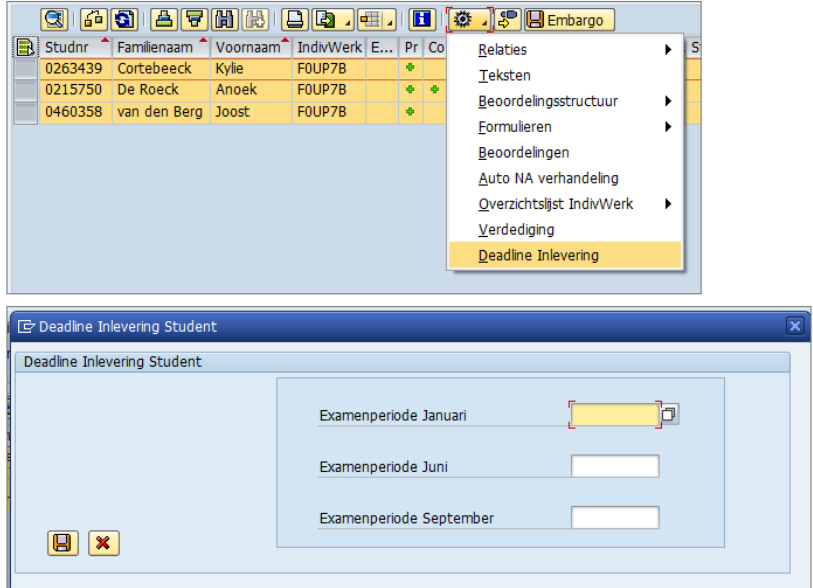
Embargo

Studnr	Familienaam	Voornaam	IndivWerk	Em.	Pr	Co	Ev	St	Vo	Ve	Vt	Ot	Vs	Os	Ht	Bl	St.Jan	Jan	St.Jun	Jun	St.Sep	Sep	Uit	Deadline
0472446	Schiepers	Katleen	E04M2A	20	++	++	++	◇			+	+	+	+	+	+	●		●		●			15.06.2015

Enter submission date via YC266

De ES medewerkers kunnen via knop hieronder de deadline instellen per examenperiode tot wanneer de studenten de bestanden kunnen opladen en samenvatting kunnen invoeren.

Men moet hiervoor alle studenten selecteren via het knopje links.



The screenshot shows a web application interface. At the top, there is a toolbar with various icons, including a gear icon and a button labeled 'Embargo'. Below the toolbar is a table with columns: Studnr, Familiennaam, Voornaam, IndivWerk, E..., Pr, and Co. The table contains three rows of student data. A context menu is open over the table, showing options: Relaties, Teksten, Beoordelingsstructuur, Formulieren, Beoordelingen, Auto NA verhandeling, Overzichtslijst IndivWerk, Verdediging, and Deadline Inlevering. Below the table is a dialog box titled 'Deadline Inlevering Student'. The dialog box has a title bar and a close button. It contains three input fields for exam periods: 'Examenperiode Januari', 'Examenperiode Juni', and 'Examenperiode September'. The 'Examenperiode Januari' field has a yellow highlight and a small icon to its right. At the bottom left of the dialog box are two buttons: a save icon and a close icon.

Studnr	Familiennaam	Voornaam	IndivWerk	E...	Pr	Co
0263439	Cortebeeck	Kylie	F0UP7B		+	
0215750	De Roeck	Anoek	F0UP7B		+	
0460358	van den Berg	Joost	F0UP7B		+	

Deadline Inlevering Student

Examenperiode Januari


Examenperiode Juni

Examenperiode September


Download files and metadata YC363

- Application to download in bulk (or individual) files and metadata (YC363)

Afladen masterthesis documenten



Selectiecriteria

Instelling	<input type="text"/>	<input type="text"/>
Faculteit	<input type="text"/>	<input type="text"/>
Opleiding	<input type="text"/>	<input type="text"/>
Academiejaar	<input type="text"/>	
Student	<input type="text"/>	

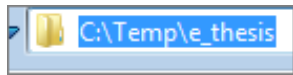
Reeds doorgestuurd naar LIAS

Exportcriteria

Outputfolder	<input "="" type="text" value="c:\temp\e_thesis\"/>
--------------	---

Hoofdtteksten exporteren
 Bijlagen exporteren
 Andere bestanden exporteren

XML structure



Naam	Gewijzigd op	Type	Grootte
e_thesis	4/04/2016 14:32	XML-document	5 kB
glotilde_anwi_teboh_master_thesis_january_2016	4/04/2016 14:32	Adobe Acrobat D...	1.162 kB

0206588_53517877	4/04/2016 14:32	Bestandsmap	
0598367_53510129	4/04/2016 14:32	Bestandsmap	
e_thesis_compleet	4/04/2016 14:32	XML-document	12 kB

```
e_thesis_compleet.xml
<?xml version="1.0" encoding="utf-8"?>
<proeven>
  <proof Laatstgeui{id="16.12.2015 01:06:12"}
    <id>53517877</id>
    <titel1>
      <taalcode>EN</taalcode>
      <tekst>How the Complex Nature of Triple Patriarchal System Makes (Christian) Women Suffer in Africa and How The &quot;Christ Sophia&quot; Concept Offers Relevance in Combating Patriarchy: A Case Study; North West Region of Cameroon</tekst>
    </titel1>
    <titel2>
      <taalcode>
      <tekst>
    </titel2>
    <titel3>
      <acjaar>2015</acjaar>
      <stdnr>0206588</stdnr>
      <stdnaam>Teboh</stdnaam>
      <stdvoornaam>Glotilde Anwi</stdvoornaam>
      <stlogid>0206588</stlogid>
      <faculteitid>S0000102</faculteitid>
      <faculteitnaam>Faculteit Theologie en Religiewetenschappen</faculteitnaam>
      <opleidingid>S3250495</opleidingid>
      <opleidingnaam>Master of Theology and Religious Studies (new programme as from 2015-2016) (Leuven)</opleidingnaam>
      <opleidingsoort>NA</opleidingsoort>
      <opoid>53276345</opoid>
      <oponaam>A07H3a Master's Thesis</oponaam>
      <promotoren>
        <promotor>
          <pernr>00041743</pernr>
          <naam>Justaert</naam>
          <voornaam>Kristiens</voornaam>
        </promotor>
      </promotoren>
      <copromotoren>
      </copromotoren>
      <evaluatoren>
        <evaluator>
          <pernr>00031934</pernr>
          <naam>Struys</naam>
          <voornaam>Kristof</voornaam>
        </evaluator>
        <evaluator>
          <pernr>00090787</pernr>
          <naam>Yeyer</naam>
          <voornaam>Anna Maria Cäcilia</voornaam>
        </evaluator>
      </evaluatoren>
      <aantalPag>58</aantalPag>
      <embargo>00</embargo>
      <voorkeurbib>GBIB</voorkeurbib>
      <abstract1>
        <taalcode>EN</taalcode>
        <tekst>The span of the history of humankind is filled with a hunger-enduring search for the liberation and restoration of the underdog and the oppressed. This cuts across the socio-economic, political and religious spheres. This work sets out to contribute in its own small way to help in the liberation of the African woman from the patriarchal mindset. From a broader perspective, it identifies a stratified society whether from a patriarchal or matriarchal perspective, as a structure of operation whose victim primarily is the woman. It even goes further to identify that from the same patriarchy, the Christian church has adopted for herself the same oppressive modus operandi. This is made known through an incisive plunge into the social and religious institutions with the objective of reaching out for verifiable data. Our case study is the grass field woman in the Northwest Region of Cameroon in West Africa. The combination of written and non-written laws in Cameroon renders the facilitations of men's authority over women. Thus the degree of women's disempowerment is such that seems and not ready to use the legal provisions which will and could enable them to challenge and redress oppression in the family and society. The culture seems to have brainwashed. In the second part of the project, the concept of Christ Sophia is solicited. This concept suggests that all activities be carried out at all times and places following the example and model of Christ, transforming individual and society as a whole, especially the marginalized woman and the oppressed. The gospel of Christ needs to be preached in its pure form, declaring the kingdom now and yet to be fully established in heaven. Thus, the Kingdom Jesus proclaims and announces is the newly-established Family of God with equal human rights and dignity. In this kingdom there is life, love, truth, peace, no oppression, justice and freedom. This is in itself a promise that any type of oppression will end. Jesus' life and mission on earth is an example. We acknowledge that this is God's plan for humanity. Using Scriptural and conventional methods, the findings highlighted above are scrutinized. At this juncture, the examples of those women who succeed to break through social barriers in the Western world and elsewhere in the world are brought to light. Finally the work ends with the proposition of a way forward in order to redress this unacceptable (patriarchy system) situation of marginalization. These not only include domestic efforts from the nation such as suffering but also the
```

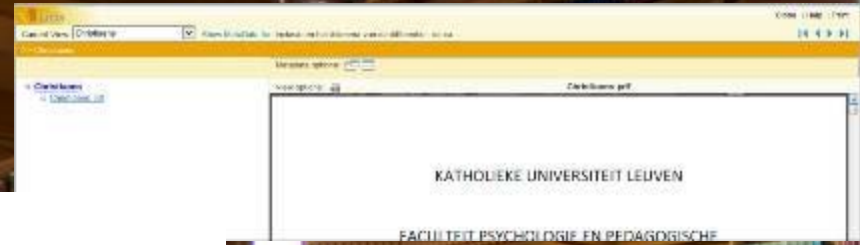


Interface LIAS

2. /usr/app/ftp/lias/masterproef/in



1. Nightjob FTP /usr/app/ftp/lias/masterproef/out



~~Master Theses with Embargo~~



Situation in March 2016 after January exam period

Faculty	Uploaded Mastertheses
Faculteit Theologie en Religiewetenschappen	9
Institute of Philosophy	9
Faculty of Law	32
Faculty of Economics and Business (FEB)	84
Faculty of Social Sciences	47
Faculty of Arts	57
Faculty of Psychology and Educational Sciences	59
Faculty of Science	17
Faculty of Engineering Science	38
Faculty of Bioscience Engineering	7
Faculty of Engineering Technology	95
Faculty of Medicine	13
Faculty of Kinesiology and Rehabilitation Sciences	12
Total on 2/3/2016	479



Project approach

Technical approach of the project

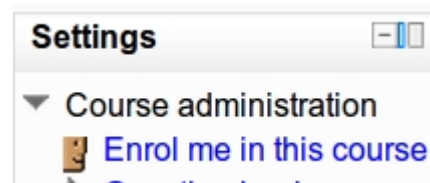
Timeline Phase 1 (1/3)

- Jan 2015: Kickoff meeting: defining the necessary people in the workgroup (ICTS, Library, General Process Coordination)
- Feb 2015: Project charter defines
 - “in” and “out” of scope: webapp, bulk download, LIAS
 - the budget: 50 mandays
 - project organisation: workgroup, adm dir+endusers
 - project progress reporting: reports in workgroup or via mail
 - risks: security, files
 - other products that will be used: LIAS, LIMO

Technical approach of the project

Timeline Phase 1 (2/3)

- Mar 2015: Presenting BPMN (=Business Process Model and Notation) to workgroup
- Apr 2015: Presenting screen mockup and Odata model to workgroup
- June 2015: Demo workgroup



- Oct 2015: Manuals for students, staff, LIAS interface

Technical approach of the project

Timeline Phase 1 (3/3)

- Nov 2015
 - Test Session 9/11/2015 (1 week) with selection of end users (student/staff)
 - Info session 25/11/2015 for all end users
 - 26/11/2015: **Go Live**
- Dec 2015: support
- Jan 2016: workgroup meeting closing phase 1, starting phase 2



Technical challenges

KU Leuven UI strategy for SAP

FOR WEB APPLICATIONS:

"Uncontrolled" environment

Student, teacher, external persons, etc..

Any device, any OS, any browser

Simple apps – user centric 1-1-3-principle



SAP UI5 & Gateway-services

"Controlled" environment

Central administration, faculty administration

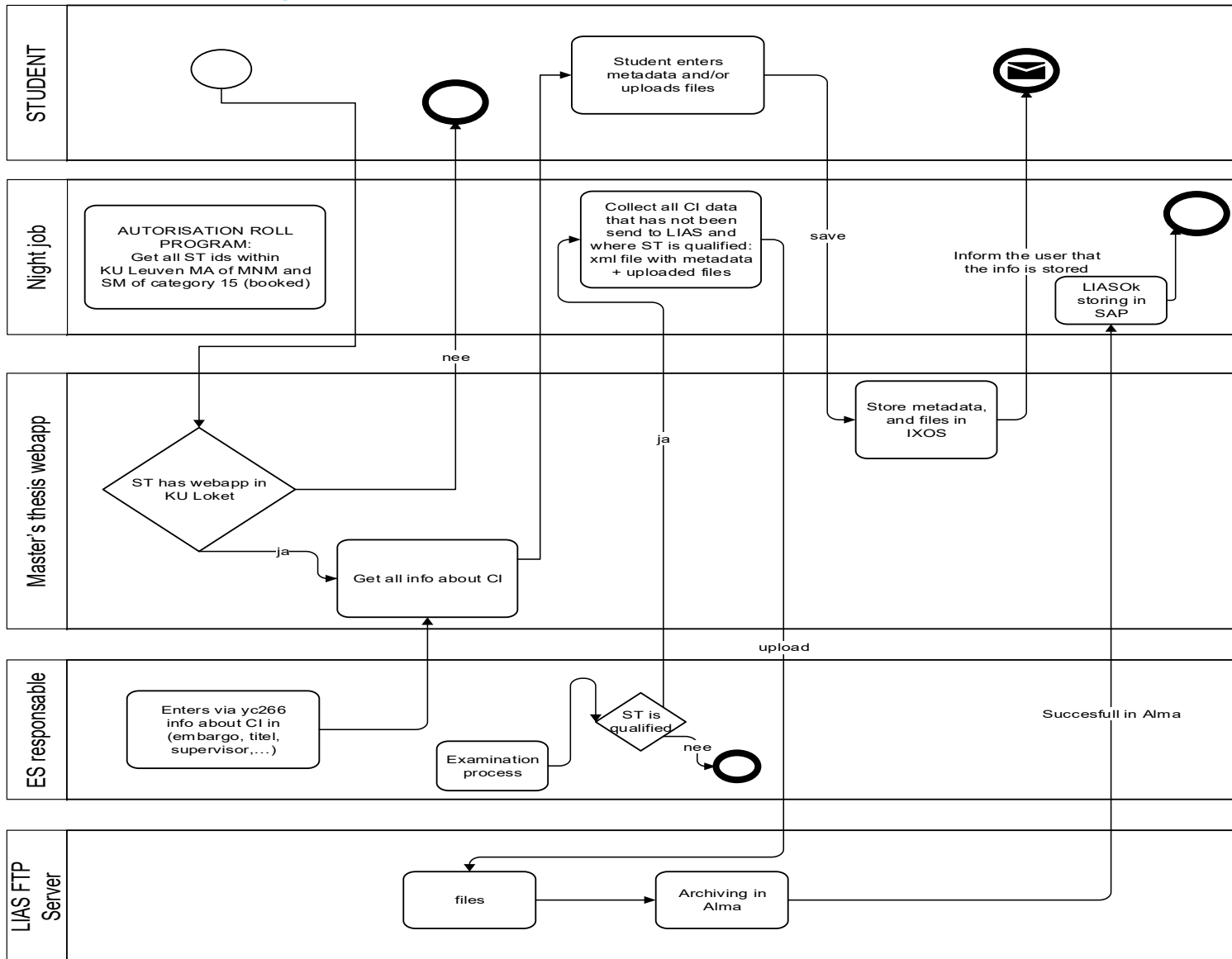
Desktop, browser version can be enforced

More complex applications, reporting, etc..



ABAP Webdynpro (via FPM)

BPMN (=Business Process Model and Notation)



Screen mockup designed with Pencil

KU Loket - Masterproef

Masterproef

NL / EN

Kies opleiding

Metadata (weergave)

Student Faculteit

Opleiding Opleidingsonderdeel

Titel van masterproef

Promotor

Co-promotoren Evaluatoren

Hoofdttekst en bijlagen

Aantal pagina's hoofdttekst

Samenvatting hoofdttekst

Samenvatting

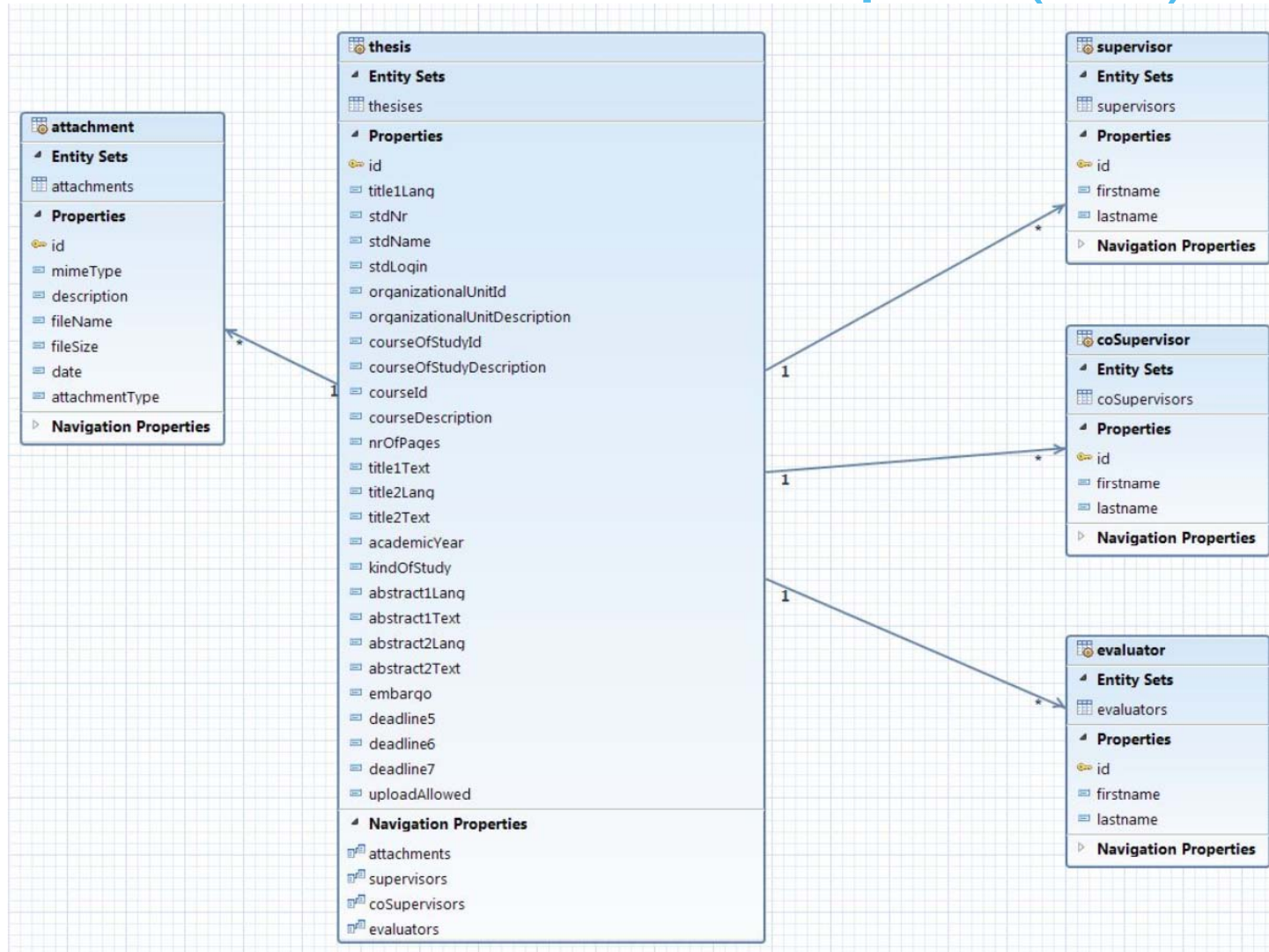
In het kader van een afstudeeropdracht voor de HBO-opleiding milieukunde is een stageperiode van twintig weken doorlopen bij Scheuten Installatieadvies (SIA). De hoofdvraag van de stageopdracht luidde als volgt: "Is het mogelijk een concept te ontwikkelen waarmee de kosten en baten van het verhogen van de arbeidsproductiviteit in kantoorgebouwen middels verbeterde klimaatbeheerling inzichtelijk worden gemaakt?" Hierin kan de rol van de natuur en binnenruimteair, warmte ventilatie en cul-

Opladen hoofdttekst/bijlagen

Omschrijving	Naam	Aanmaakdatum	Aanmaak tijd	Type Bestand	Bestandsnaam	Bestandstype
Mijn masterproef	Student X	23.01.2015	16:02:03	HOOFDTTEKST	SAP BACKEND SYSTEM FOR CRUDO OPERATIONS.PDF	application/pdf
plan architect	MPC	23.01.2015	16:02:03	Bijlage	Autocad_masterproef.cad	autocad
abstract	Student X	25.12.2014	16:00:02	Versie	Abstract.pdf	application/pdf

Dit wordt enkel getoond wanneer de student meerdere individuele werken heeft zodat dan metadata kan

ODATA model – Eclipse (1/2)



ODATA model (2/2)

Eclipse model exported to EDMX and importing in Gateway Service Builder (TRX SEGW).

```
<?xml version="1.0" encoding="UTF-8" ?>
- <edmx:Edmx xmlns:edmx="http://schemas.microsoft.com/ado/2007/06/edmx" xmlns:m="http://schemas.microsoft.com/ado/2007/08/dataservices/metadatas" Version="1.0">
- <edmx:DataService m:DataServiceVersion="2.0">
- <Schema xmlns="http://schemas.microsoft.com/ado/2008/09/edm" xmlns:sap="http://www.sap.com/Protocols/SAPData" Namespace="ZC_CI_UPLOAD">
- <EntityType Name="thesis">
- <Key>
- <PropertyRef Name="id" />
- </Key>
- <Property Name="id" Nullable="false" Type="Edm.String" />
- <Property Name="title1Lang" Type="Edm.String" />
- <Property Name="stdNr" Type="Edm.String" />
- <Property Name="stdName" Type="Edm.String" />
- <Property Name="stdLogin" Type="Edm.String" />
- <Property Name="organizationalUnitId" Type="Edm.String" />
- <Property Name="organizationalUnitDescription" Type="Edm.String" />
- <Property Name="courseOfStudyId" Type="Edm.String" />
- <Property Name="courseOfStudyDescription" Type="Edm.String" />
- <Property Name="courseId" Type="Edm.String" />
- <Property Name="courseDescription" Type="Edm.String" />
- <Property Name="nrOfPages" Type="Edm.String" />
- <Property Name="title1Text" Type="Edm.String" />
- <Property Name="title2Lang" Type="Edm.String" />
- <Property Name="title2Text" Type="Edm.String" />
- <Property Name="academicYear" Type="Edm.String" />
- <Property Name="kindOfStudy" Type="Edm.String" />
- <Property Name="abstract1Lang" Type="Edm.String" />
- <Property Name="abstract1Text" Type="Edm.String" />
- <Property Name="abstract2Lang" Type="Edm.String" />
- <Property Name="abstract2Text" Type="Edm.String" />
- <Property Name="embargo" Type="Edm.String" />
- <Property Name="deadline5" Type="Edm.DateTime" />
- <Property Name="deadline6" Type="Edm.DateTime" />
- <Property Name="deadline7" Type="Edm.DateTime" />
- <Property Name="uploadAllowed" Type="Edm.Boolean" />
- <NavigationProperty FromRole="From_Thesis" Name="attachments" Relationship="ZC_CI_UPLOAD.thesisattachment" ToRole="To_attachment" />
- <NavigationProperty FromRole="From_Thesis" Name="supervisors" Relationship="ZC_CI_UPLOAD.thesis-supervisor" ToRole="To_supervisor" />
- <NavigationProperty FromRole="From_Thesis" Name="coSupervisors" Relationship="ZC_CI_UPLOAD.thesis-coSupervisor" ToRole="To_coSupervisor" />
- <NavigationProperty FromRole="From_Thesis" Name="evaluators" Relationship="ZC_CI_UPLOAD.thesis-evaluator" ToRole="To_evaluator" />
- </EntityType>
- <EntityType Name="attachment">
- <Key>
- <PropertyRef Name="id" />
- </Key>
- <Property Name="id" Nullable="false" Type="Edm.String" />
- <Property Name="mimeType" Type="Edm.String" />
- <Property Name="description" Type="Edm.String" />
- <Property Name="fileName" Type="Edm.String" />
- <Property Name="fileSize" Type="Edm.String" />
- <Property Name="date" Type="Edm.String" />
- <Property Name="attachmentType" Type="Edm.String" />
- </EntityType>
- <EntityType Name="supervisor">
- <Key>
- <PropertyRef Name="id" />
- </Key>
- <Property Name="id" Nullable="false" Type="Edm.String" />
- <Property Name="firstname" Type="Edm.String" />
- <Property Name="lastname" Type="Edm.String" />
- </EntityType>
- <EntityType Name="coSupervisor">
```

XML generation: bulk download + LIAS

For the generation of the xml metadata file, XSLT is used.


```
<?sap.transform simple?>
<tt:transform xmlns:tt="http://www.sap.com/transformation-templates">
  <tt:root name="ROOT"/>
  <tt:template>
    <proeven>
      <tt:loop name="proef" ref=".ROOT">
        <proef>
          <id>
            <tt:value ref="$proef.ci_id"/>
          </id>
          <titel>
            <tt:value ref="$proef.ci_omschrijving"/>
          </titel>
          <stdnr>
            <tt:value ref="$proef.st_nummer"/>
          </stdnr>
          <stdnaam>
            <tt:value ref="$proef.st_name"/>
          </stdnaam>
          <stlogid>
            <tt:value ref="$proef.st_logid"/>
          </stlogid>
          <faculteitId>
            <tt:value ref="$proef.faculteit"/>
          </faculteitId>
          <faculteitnaam>
            <tt:value ref="$proef.faculteitnaam"/>
          </faculteitnaam>
          <opleidingId>
            <tt:value ref="$proef.sc_id"/>
          </opleidingId>
          <opleidingnaam>
            <tt:value ref="$proef.sc_omschrijving"/>
          </opleidingnaam>
          <opleidingsonderdeelId>
            <tt:value ref="$proef.sm_id"/>
          </opleidingsonderdeelId>
          <opleidingsonderdeelnaam>
            <tt:value ref="$proef.sm_short"/> <tt:value ref="$proef.sm_omschrijving"/>
          </opleidingsonderdeelnaam>
          <promotor>
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          </copromotoren>
          <evaluatoren>
            <tt:value ref="$proef.ci_evaluatoren"/>
          </evaluatoren>
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            <tt:value ref="$proef.ci_aantal_pag"/>
          </aantalPag>
          <embargo>
            <tt:value ref="$proef.ci_embargo"/>
          </embargo>
          <abstract1>
            <taalcode>
              <tt:value ref="$proef.ci_abstract1_taal"/>
            </taalcode>
            <tekst>
              <tt:value ref="$proef.ci_abstract1"/>
            </tekst>
          </abstract1>
          <abstract2>
            <taalcode>
              <tt:value ref="$proef.ci_abstract2_taal"/>
            </taalcode>
            <tekst>
              <tt:value ref="$proef.ci_abstract2"/>
            </tekst>
          </abstract2>
        </proef>
      </tt:loop>
    </proeven>
  </tt:template>
</tt:transform>
```

Lessons learned

- Test Session 9/11/2015 with end users (student/staff) was very helpfull



- Using the manuals (student/staff)
 - Using prepared testscripts
 - Using own test data and random user tests
- SAPUI5 missing components (rich text editor)



“ We regularly coach groups that ask, “How can we calculate how many people we will need?” Our suggestion is, “Start with a small group of great people, and only grow when it really starts to hurt.” That rarely happens.

Bas Vodde and Craig Larman
Agile trainers and authors



Phase 2

Phase 2 of the project

- Student can enter Title and Committee in webapplication
- Web application for supervisors and other evaluators in which the full texts are available
- Turnitin integration

Phase 2: Student can enter metadata

Masterproef

CO418A - Notariële studiestage - masterproef in de notariële wetenschap (werkstudenten) (Master in het notariaat (werkstudenten) (Leuven))

Metadata

Algemeen

Student: Julie Gommé D175438
Faculteit: Faculteit Rechtsgeleerdheid
Opleiding: Master in het notariaat (werkstudenten) (Leuven)
Opleidingsonderdeel: CO418A - Notariële studiestage - masterproef in de notariële wetenschap (werkstudenten)

Taal: Dutch
Taal:
Titel masterproef: Spitsing van eigendom in het administratief recht
Titel masterproef:
Voeg promotor toe
Voeg co-promotor toe

Aantal pagina's
63

Samenvatting

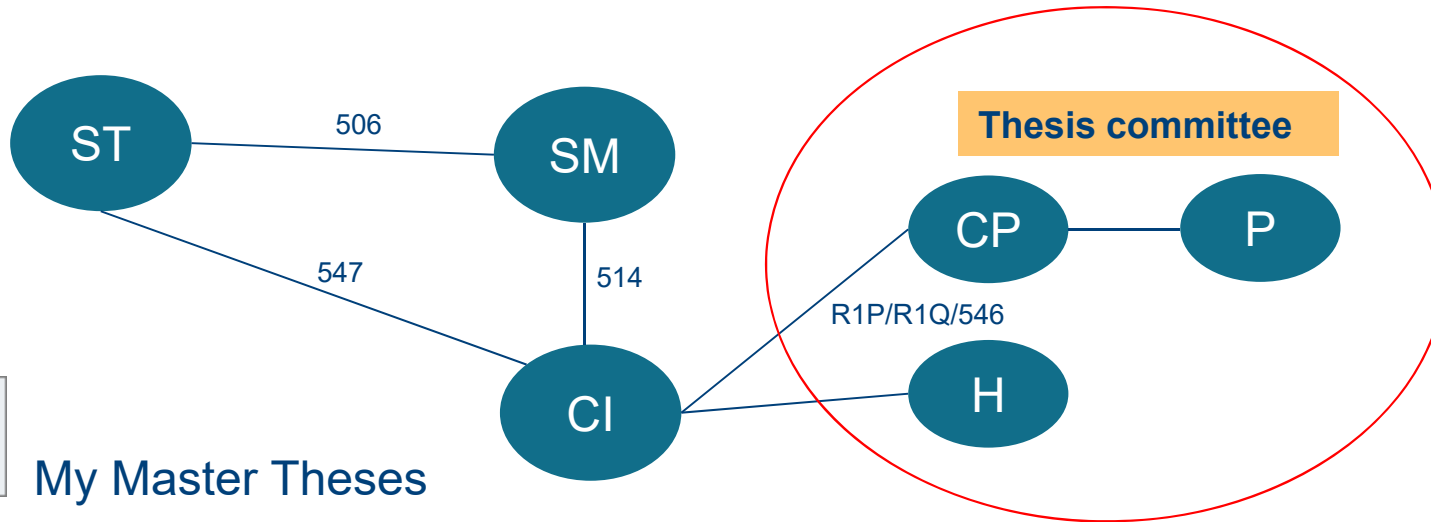
Samenvatting in de originele taal (Nederlands/Engels, max. 3500 karakters)
(indien je masterproef NIET werd geschreven in het Nederlands of Engels, raadpleeg de website van je faculteit voor meer informatie.)

Veriastde samenvatting (Engels/Nederlands, max. 3500 karakters)
(enkel indien vereist door je faculteit)

Nederlands
De spitsing van eigendom kent een grote relevantie in onze maatschappij en in de notariële praktijk. Door de belangrijke economische functie van de vastgoedmarkt gedurende de laatste decennia, is de opsplitsing van reeds bestaande oude gebouwen en nieuwe gebouwen de laatste jaren aanzienlijk toegenomen. Hoewel in de toepasselijke regelgeving niet betrekking tot de

Bestand toevoegen
Opslaan

Phase 2 : Webapplication committee



My Master Theses

Name Student	Title thesis	Course	My rol	
Jan Janssens	<u>How the Complex Nature of Triple Patriarchal System Makes (Christian) Women Suffer in Africa and How The 'Christ Sophia' Concept Offers Relevance in Combating Patriarchy: A Case Study; North West Region of Cameroon</u>	Master of Theology and Religious Studies	Promotor	
Piet Peeters	<u>Missionarissen in het bisdom Roermond. De bijdrage van het zelfverstaan van buitenlandse priesters aan de definitie van 'missie'.</u>	Master of Theology and Religious Studies	Supervisor	



Phase 2: Turnitin integration

- Turnitin is the industry leading online service that highlights potential plagiarism by presenting easy-to-use reports that show how much of a document is original, cited from other sources, or unoriginal.

The screenshot shows a Turnitin report for a document titled "The Goliath of the Sea" by Elliah Pegiboo. The report indicates that 43% of the document is similar to other sources. A "Match Overview" table lists the top four matches:


Rank	Source	Similarity Percentage
1	en.wikipedia.org Internet source	17%
2	www.squidoo.com Internet source	12%
3	Submitted to Aliso Nig... Student paper	8%
4	animals.nationalgeogra... Internet source	7%

The document text is shown with red and blue highlights indicating matches. The first paragraph is highlighted in red, and the second and third paragraphs are highlighted in blue. The fourth paragraph is not highlighted.

Turnitin

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Messages | Nederlands ▼ | Roadmap | Help













Oprachten-inbox | Opdracht bewerken | Bibliotheken | Statistieken voor cursus | Voorkeuren

Over deze pagina
Dit is de inbox van uw opdracht. Om de paper te bekijken klikt u op de titel van de paper. Om een originaliteitsrapport te bekijken, klikt u op het originaliteitsrapport-symbool in de similariteitskolom. Als het symbool grijs is, geeft dit aan dat er nog geen originaliteitsrapport is gegenereerd.

Juni 2015-2016
INBOX | U BEKIJKT NU: NIEUWE PAPERS ▼

Indienen | exporteren

Rooster Synchronisatie | Opdrachtinstellingen bewerken | E-mail personen die niets hebben ingediend

<input type="checkbox"/>	SCHRIJVER	TITEL	SIMILARITEIT	BE STAND	PAPER-ID	DATUM
<input type="checkbox"/>	Anoniem	mp_u0010145_0488804_Schillemans_Rob_5312...	100% 		646543446	17-mrt.-2016
<input type="checkbox"/>	Anoniem	mp_u0031943_0439767_Weerts_Egon_Junior_5...	100% 		646543447	17-mrt.-2016
<input type="checkbox"/>	Anoniem	mp_u0039072_0203384_kestens_Johannes_522...	100% 		646543448	17-mrt.-2016
<input type="checkbox"/>	Anoniem	mp_u0089619_0268995_Yang_Sung-hyun_53149...	100% 		646543450	17-mrt.-2016
<input type="checkbox"/>	Anoniem	mp_u0096273_0360505_Bi_Mingxing_5308245...	100% 		646543451	17-mrt.-2016

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How would we like to see it?

➔ Mockup for a new webapplication for plagiarism staff

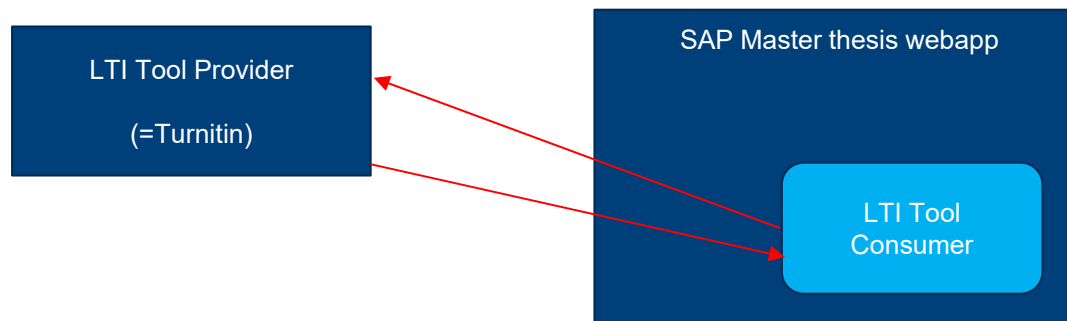
Plagiaatcontrole
Faculteit: Ingenieurswetenschappen

Student	Bestandsnaam	Plagiaatcontrole	Score	Rapport
s01234567, Dominique Vandebussche	mp_dominique.pdf	<input type="checkbox"/>		
s01234568, Hans Op 't Eynde	masterproef_hans.pdf	<input checked="" type="checkbox"/>		
s01234569, Dries Simons	masterproef_Dries_Simons_2015.pdf	<input checked="" type="checkbox"/>	2%	Bekijk het rapport

Controleer geselecteerde masterproeven op plagiaat

Turnitin

- Turnitin requires that custom webapps integrate via LTI (=IMS Learning Tools Interoperability) and are certified.
- Redirected to Turnitin pages



- Turnitin flow = Student → Supervisor → feedback student

Turnitin

Drawbacks:

- Student has uploaded the Master's thesis into SAP, not in Turnitin (different versions?)
- Lack of webservices to upload master thesis to Turnitin and receive score and report document.
- LTI certification
- No bulk upload possible (simulating student?)

→ For now, we use Blackboard building block in semi automated way.

Turnitin

Semi automated way?

1°) Via yc363 download of the master's theses.

0203384_52231254	30/03/2016 10:19	Bestandsmap	
0268995_53149598	30/03/2016 10:19	Bestandsmap	
0360505_53082459	30/03/2016 10:20	Bestandsmap	
0439767_53120689	30/03/2016 10:20	Bestandsmap	
0478941_53139301	30/03/2016 10:20	Bestandsmap	
0488804_53125440	30/03/2016 10:21	Bestandsmap	
createTurnitinZips.bat	30/03/2016 10:22	Windows-batchbe...	3 kB
e_thesis_compleet.xml	2/03/2016 8:43	XML-bestand	23 kB

2°) Execute createTurnitinZips.bat

This creates Turnitin directory that contains zip files according to Turnitin specifications:

- 1 master's thesis is max 40 MB
- max 1000 files per zipfile
- 1 zipfile is max 200 MB

3°) Upload the zipfiles into corresponding BlackBoard assignments

Q & A

