



Implementing a Web Client for Integrated Data, Role, Function, and Task Modelling

Master's Thesis kick-off presentation

Tobias Schrade, 22nd February 2016, Garching

Software Engineering for Business Information Systems (sebis) Department of Informatics Technische Universität München, Germany

wwwmatthes.in.tum.de

Overview



- 1. Introduction
 - 1. Role Model
 - 2. Task Model
 - 3. Function Model
 - 4. Integrated Model
- 2. Research Objective and Questions
- 3. Mock-Ups
- 4. Timeline

Introduction





Hybrid Wikis as a tool to model enterprise information systems



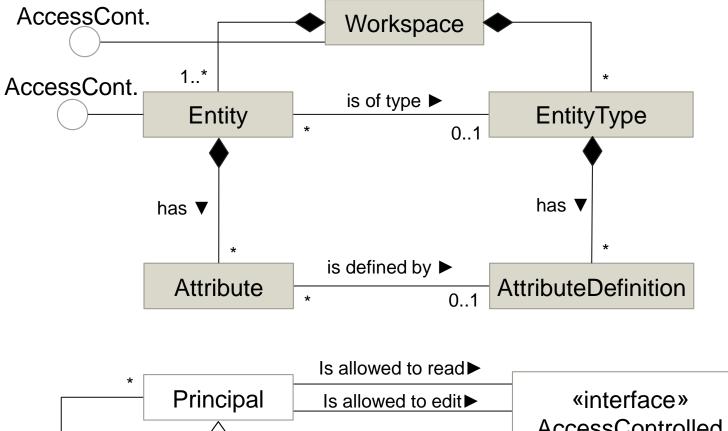
Hybrid Wikis are currently missing an integrated user-interface for data, role, function and task modelling

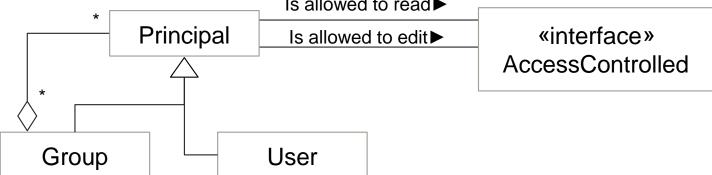


The prototype implemented during this thesis

Role Model

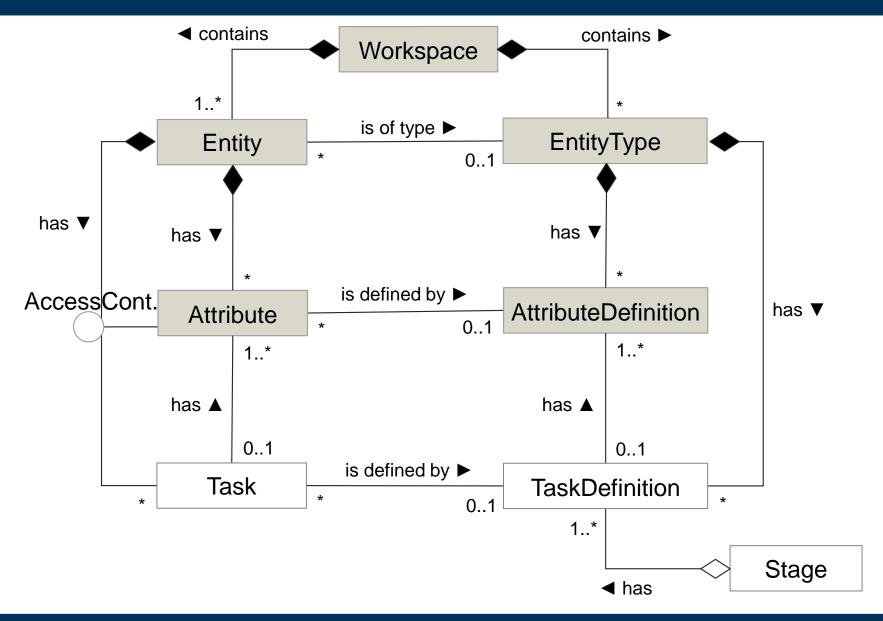






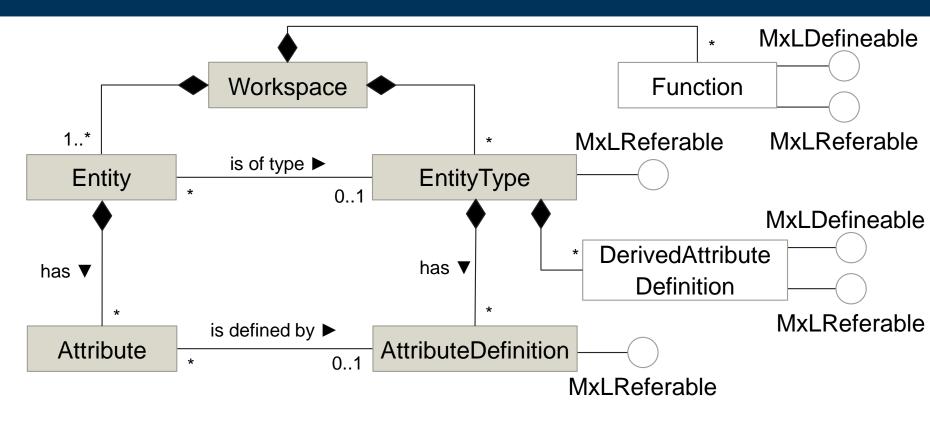
Task Model

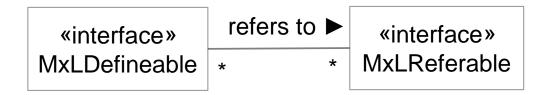




Function Model

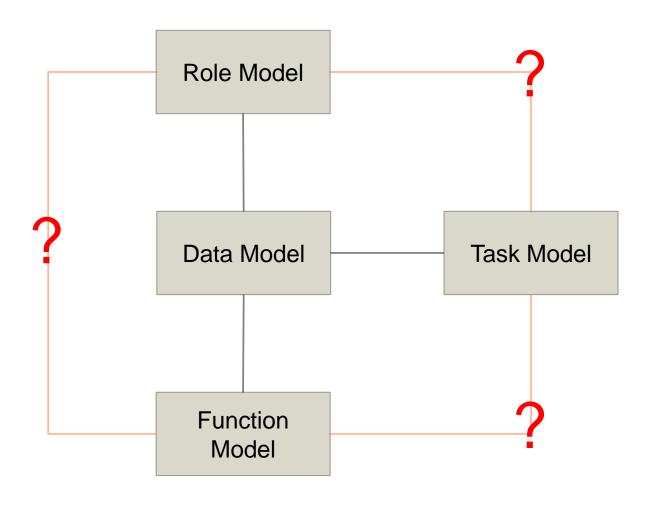






Integrated Model





Research Objective and Questions



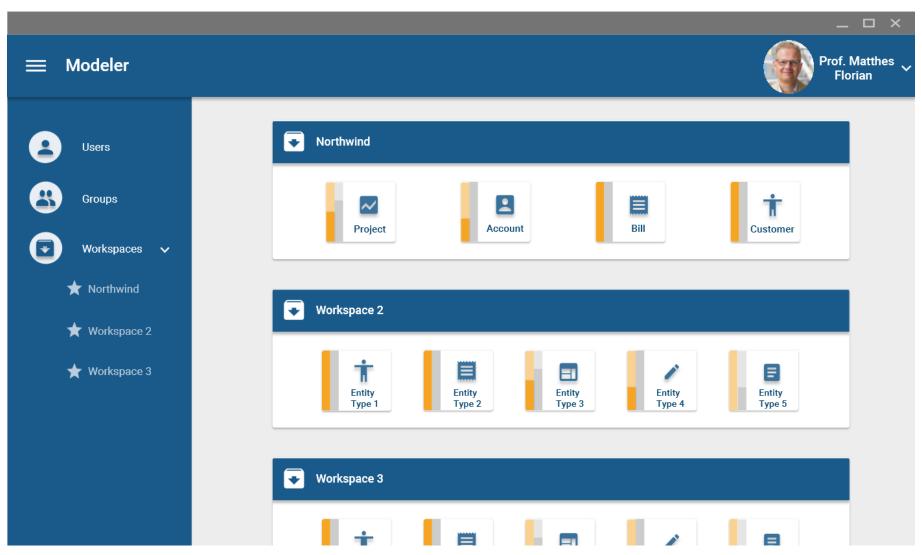
Research Objective: Facilitate data, role, function and task modelling within a hybrid wiki platform with the help of a web based user interface to provide a way to generate and administrate the above mentioned models.

Research Questions:

Q1: "How does an integrated meta-model for data, role, function and task models look like?

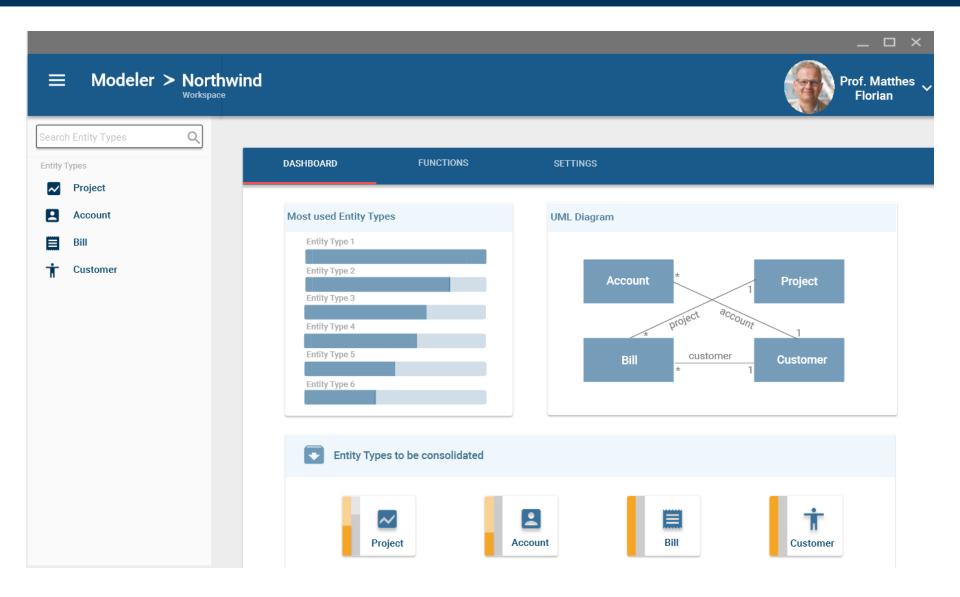
Q2: "How to design an integrated user interface for the management of data, role function and task models?"



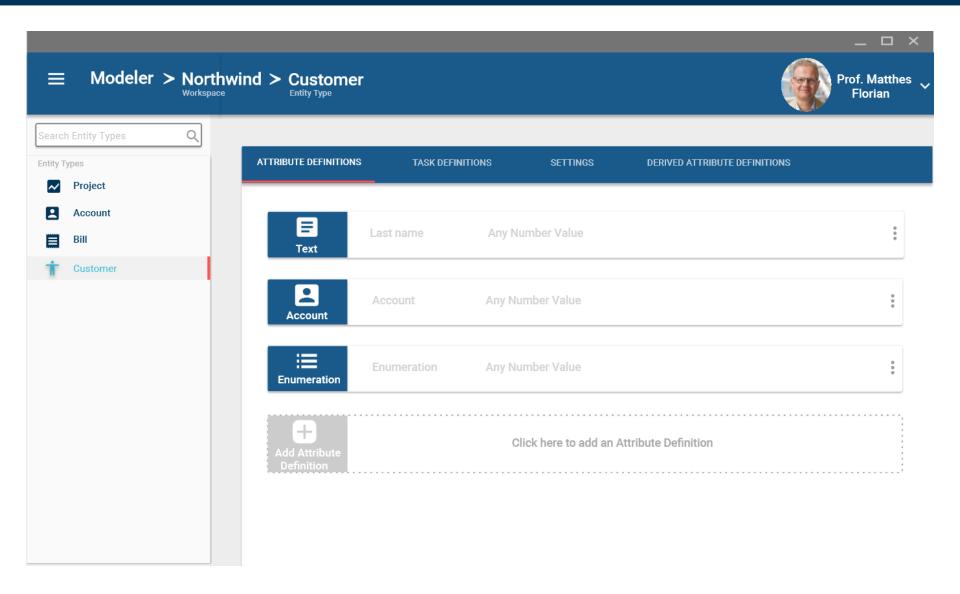


All Mock-Ups made by: Sirma Gjorgievska

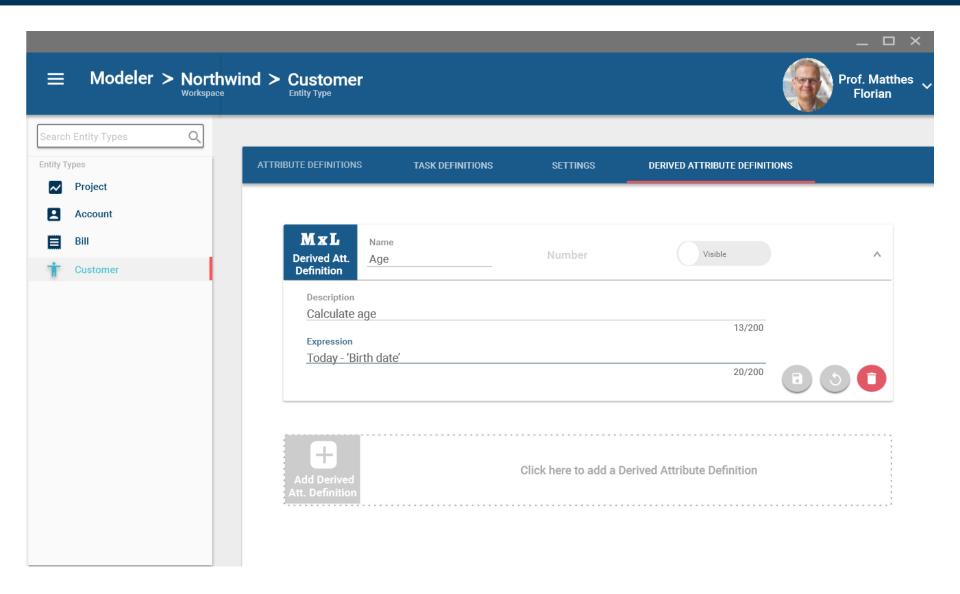




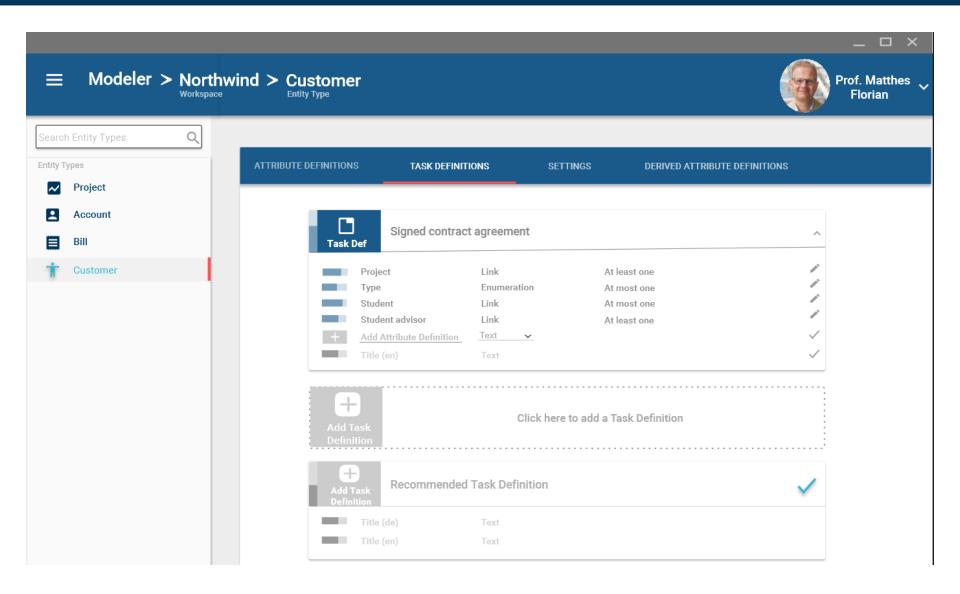






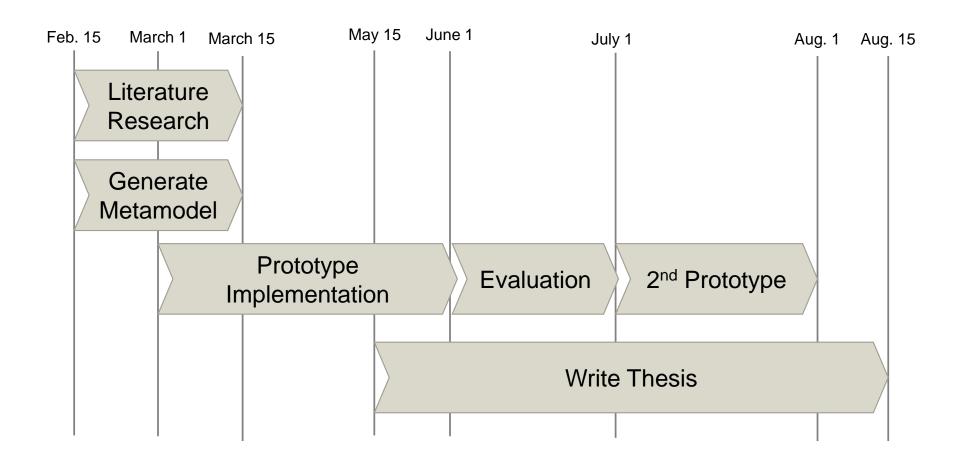






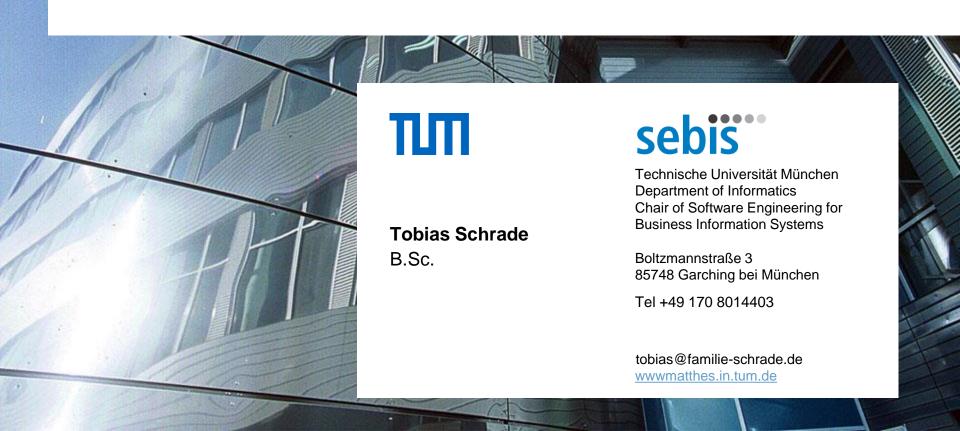
Timeline







Thank you for your attention.



References



- [1] Hauder, Matheus; Kazman, Rick; Matthes, Florian(2015): Empowering End-Users to Collaboratively Structure Processes for Knowledge Work
- [2] Matthes, Florian; Neubert, Christian; Steinhoff, Alexander (2011): Hybrid Wikis: Empowering Users to collaboratively structure Information
- [3] Reschenhofer, Thomas; Bhat, Manoj; Hernandez-Mendez, Adrian; Matthes, Florian (2016): Lessons Learned in Aligning Data and Model Evolution inCollaborative Information Systems