



Vision of a next-generation Student Administration System “Academia”

Revision History:

Version	Date	Description	Author
1.0	Sep 26, 2017	Initial version	Eric Dubuis
2.0	Sep 17, 2018	Updated version	Eric Dubuis

Introduction

This document describes the vision and business case for the a new, smart and flexible *student administration system* (SAS; nicknamed “*Academia*”) for various types of student administration contexts such as universities, universities of applied sciences, and universities of teacher education.

Users shall access the system via various kinds of applications such as standard Web interfaces as well as apps running on smartphones or tablets. For power users and resource managers, a desktop or laptop client shall be provided. For market penetration, the Web interface will be of utmost importance.

Positioning

Business Opportunity

Academia shall fill a new emerging demand ... Market is expected to be ...

Problem Statement

Universities of various types face all the same problem: students must enroll to modules (a.k.a. courses); modules need to be described, and their descriptions be published; modules will have zero or more module-runs per term; teachers will be associated to module runs; dependencies exist among modules; etc.

Current available student administration system lack the simplicity, miss the needed flexibility, and, typically, their availability on various different platforms is very limited. In addition, their capabilities are limited with respect to usability and functionality. ... The ...

Product Positioning Statement

The envisioned product shall fill this gap. We expect ...

Competition

We see the following competition ...



Stakeholder Description

Market Development

Market growth is expected to be ... (Forester, 2017 and 2018). ...

Stakeholder Summary

If supported, our shareholders will expect ...

User Summary

Users of the suite of *Academia* applications will profit manyfold: First, they will use the suite of applications for their daily organization of their study, their teaching. In addition, user's demand will grow for the formation of interest groups, forums, etc.

A increasing demand is expected for smaller education schools not having the required know how of running the full stack of software on their own server infrastructure. Therefore, the provisioning of *Academia* as a Software as a Service (SaaS) must be envisaged.

Product Overview

This section provides a high-level overview of the envisaged product features for various types of roles... Students will be able to subscribe/enroll and manage their modules. Teachers will be able to retrieve subscription lists and to manage module runs. In addition, teachers will be able to enter student evaluations ...

Summary of System Features

The summary of the product's features is as follows:

- Students shall get an overview of available modules.
- Students shall be able to make subscriptions (i.e., to *enroll*) to offered modules.
- Subscriptions shall be enabled (or disabled) depending on prerequisites such as completed module-runs.
- ...
- Teachers shall manage module-runs. For example, they shall be able to assign grades to enrolled students.
- Teachers having the role of a module coordinator shall manage their module descriptions.
- ...
- Student administration shall be able to enter, modify, and adapt study plans / curricula as well as associated module.
- ...

Other Requirements and Constraints

After having penetrated the market with the simple version we envision to tie customers ... to the *Academia* Service Center (ASC)... With the help of the *Academia* SC users will ... and this will



ultimately increase the shareholder value of our company. ... We envisage to brand *Academia SC* with the help of a registered trade mark, i.e., *Academia Service Center*®.