Agile Business Analysis

**A Digital Assistant for Students at FHNW**

Work report

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Olten, October 18, 2019

Declaration of authenticity

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Place, date Beutler Marc

Olten, October 18, 2019 Ein Bild, das ClipArt enthält.

Automatisch generierte Beschreibung

Place, date Mueller Luca

Olten, October 18, 2019 

Place, date Niggli Lorenzo

Olten, October 18, 2019 

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Olten, October 18, 2019

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# Introduction (Marc)

This work report is realized during the MSc in Business Information Systems at University of Applied Sciences Northwestern Switzerland (FHNW) as assignment in the course Agile Business Analysis. During this course the task is given to handle a Business Analysis project, in an agile team of 4 people, using agile methods. As a basis of knowledge, the BABOK guide and its Agile Extension are used.

The topic that has been selected by our group is given by the FHNW and contains the conceptualization of a digital assistant for students. The scope is not yet clearly defined

Task description of ABA module

* + Topic
  + What is a chatbot
  + Why agile?

# Problem / Current state (Lorenzo)

* + Stakeholder analysis
    - Neyyer
    - Students
  + Problem analysis
    - Problems of Neyyer
    - Problems of Students

# Vision / Future state (Luca)

* + Goals / Vision
  + Possible outcome

# Methodology (Anton)

* + Define way of work (Governance):
    - Roles
    - Methods
      * Scrum
      * Impact Mapping?
      * Story Mapping?
    - Sprint 1-3
  + Stakeholder Engagement

# Technology: Maybe per Sprint?

## Sprint 1

* + Product Backlog
  + Sprint Planning / Estimation -> Sprint Backlog, Define Deliverable
  + Sprint Goal
    - We have the setup, methodology, and engagement defined
    - We have the introduction written
    - We have 2 user stories defined
      * We do a survey with students
      * We do an interview with a administration employee
    - We have one sub-story with a simple
    - We have a prototype of the sub-story
  + Sprint Review: Analyse Deliverable
  + Sprint Retrospective

## Sprint 2

* + Consider feedback from previous Retrospective
  + Product Backlog
  + Sprint Planning / Estimation -> Sprint Backlog, Define Deliverable
  + Sprint Goal
  + Sprint Review: Analyse Deliverable
  + Sprint Retrospective

## Sprint 3

* + Consider feedback from previous Retrospective
  + Product Backlog
  + Sprint Planning / Estimation -> Sprint Backlog, Define Deliverable
  + Sprint Goal
  + Sprint Review: Analyse Deliverable
  + Sprint Retrospective

# Final Product presentation

# Recap:

* + What went well/bad?
  + Things to change for the next time?
  + Possible future work

# List of references

# List of pictures and tables