

isolutions^o



Envisioning and Offering Edu-Framework

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Goal: Innovation



Pain Points in Education

During the last few years, we have been in constant exchange with our partners and customers in the education sector. We have noticed that many companies are struggling with the same problems. We address these problems with the EduFramework and provide a modular system with solutions.

- Many manual and time-consuming planning and accounting tasks
- No uniform data basis for examinations, candidates and educational institutions
- Manual or complicated exam creation and compilation
- Manual or complicated correction processes
- Coordination with schools and candidates cumbersome
- Multiple data sets and consistency problems
- Many different tools in use, media disruptions (usability, efficiency, error-proneness)
- No traceability of activities (who/what/when?)
- Many interactions with candidates via phone/email
- No possibility of online/remote examination execution
- Individual employees know about processes



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EDU-
Framework

EduFramework modular system - One tool for everything!

Grading and correction
platform

Online exam execution

Self-service portal for
candidates

Exam and session
planning

Examination
Monitoring Cockpit

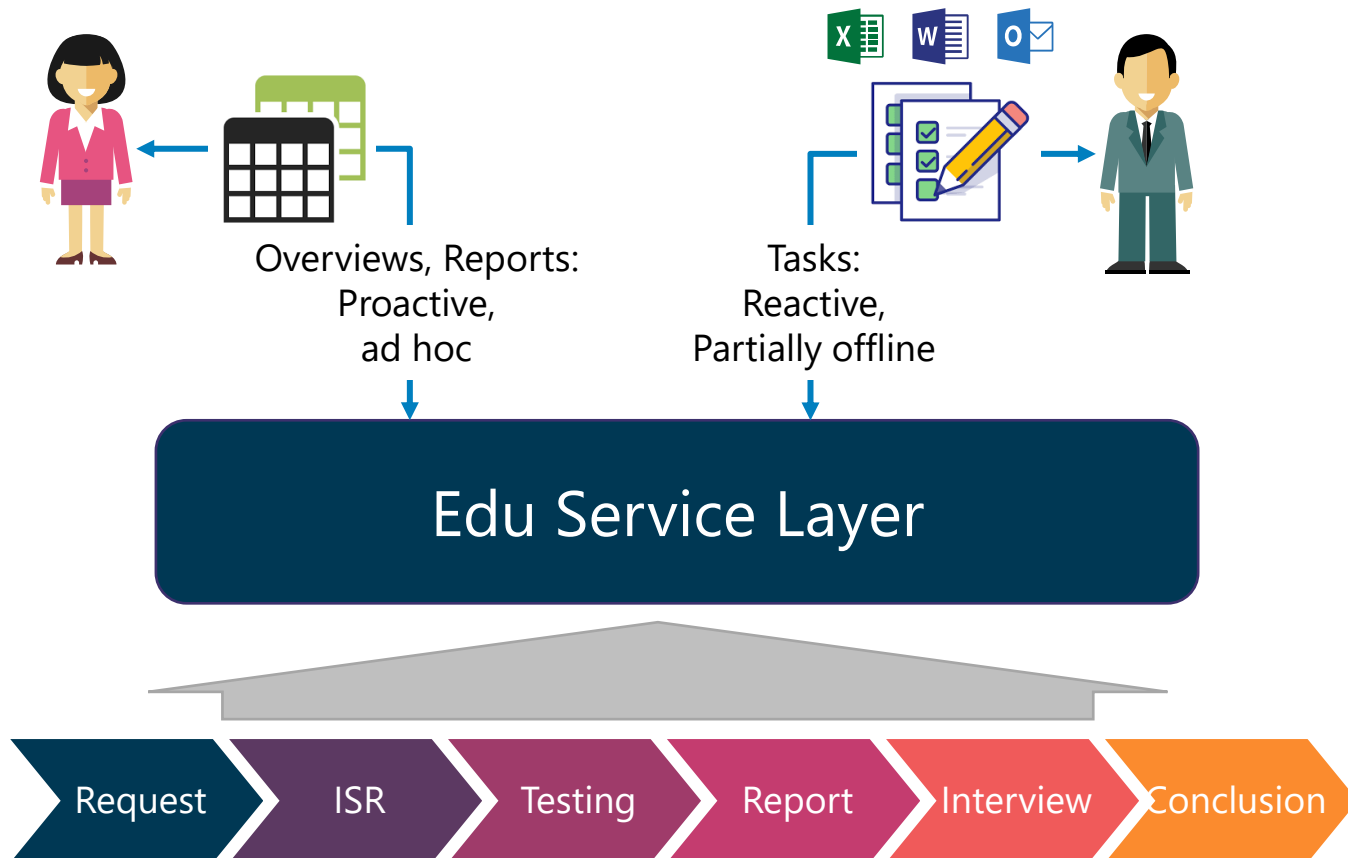
Exam and question
creation

Expert Management

Automated expense
report

Invoicing

Edu Framework - Processes and Documents



- **Proactive** (inspection) and **reactive** (completion of tasks) working methods
- **Relevant documents** are still available
- **Single Version of Truth**
- **Avoidance of** error-prone **manual tasks** and **media discontinuities**

Audit planning and execution

- Planning of tests - place, space, time, capacity
- Scheduling of experts and supervisors, including availability survey.
- Management of audits:
 - Compose exam manually or automatically (random questions)
 - Exams, create exam questions
 - Import of test results
- Implementation of online examinations



Session planning, expert search

- Exam session planning
- Management and division of rooms
- Experts search
- Expert surveys

DE EN FR IT

📍 Verfügbarkeit 🔒

	25.3.2020	23.4.2020	15.5.2020	22.5.2020
Isolutions			<input type="checkbox"/>	<input type="checkbox"/>
École club Migros Friburg		<input type="checkbox"/>		
Technopark Zürich	<input type="checkbox"/>			



Candidate Management



- Starting a certification process
- Task management, e-mail notifications
- Exam registration incl. capacity overview
- Certificate creation
- Email mass mailing (invitation, exam results)
- Multilingualism

Create and review exam content

- Creating multilingual exams
- Multiple Choice Questions
- Open questions with hints and solution templates
- Assignment questions (matching)
- Mini-Cases (case tasks)
- Scoring and weighting per question
- Review process (4-eyes review) for all issues before they can be scheduled

The screenshot shows a web browser window titled "A Web Page" with a URL bar containing "https://". The interface is for creating exam content and includes the following elements:

- Navigation:** A "Menü" button with a hamburger icon and a back arrow.
- Buttons:** "Frage" and "Admin" buttons.
- Ausgangslage:** A section with a "Ausgangslage anzeigen" checkbox. It contains a rich text editor with a toolbar (B, I, U, S, etc.) and a text area containing placeholder text "sdfsojaoosdfopkxspim dsölkjasdpf sdfk sdfp".
- Frage:** A section with a rich text editor and placeholder text.
- Antwortmöglichkeiten:** A section with a "+" icon and four radio button options labeled "Antwort A", "Antwort B", "Antwort C", and "Antwort D".
- Aussagen:** A section with a "+" icon. It contains two "Aussage" items. Each item has a rich text editor and a "Korrekte Antwort" dropdown menu. The first item has "Antwort B" selected, and the second item has "Antwort A" selected.
- Punktevergabe:** A section for setting scores. It includes:
 - Maximale Punktzahl: 3
 - Minimale Punktzahl: 3
 - pro richtige Antwort: 1
 - pro falsche Antwort: -1

Perform exam (online)

EduFramework

Suche...

01:22:56

Start

Aufgaben

Prüfungssitzungen

Abmelden

DE EN FR

Übersicht

Mini Cases 1 2 3

PRÜFUNG BEENDEN

Mini Case DIE Versicherungs AG

Open Questions 1 2 3 4 5 6 7 8 9

Beschreibung

[Imported]

Rolle

Sie sind Projektleiter/-in in einem grossen kantonalen Amt. Sie wissen, dass

Auftrag

Einführung

Der Geschäftsleitung ist es ein Anliegen, dass der Nutzen aller Projekte im Amt - gemessen an der überarbeiteten Amtsstrategie - aufgezeigt werden

Kompetenz Indikator: 4.4.5.4

Frage

[Imported]

a) Beschreibung der Führungsstile und Wahl

Beschreiben Sie in Stichworten je 3 Führungsstile, bei denen Sie als Projektleiter Macht und Einfluss auf unterschiedliche Art einsetzen. Benennen Sie zudem denjenigen Führungsstil, den Sie in der aktuell vorliegenden Situation (für das Projekt und das geführte Team) am erfolgversprechendsten halten und begründen Sie in einem Satz Ihre Wahl.

Antwort

B U I [List Icons]

Bitte geben Sie einen Text ein

Teams chatbot

Version 1.0 will provide the following features, which are yet to be discussed in detail.

When the team session starts, the candidate is shown a greeting and other jumping off points in the chat window.

The candidate accepts the GTC's. The data will be stored.

In version 1.0, for example, a PDF is displayed. In version 2.0, the candidate can ask questions directly in the chatbot, which are answered automatically by it.


Clicking Request Support sends a message to a support team channel. A free support agent can click to join the candidate's team meeting directly and provide support via audio or chat.


The candidate starts the exam. A browser window with E-Tutor opens where the candidate performs his exam.

Video and screen sharing of the exam are recorded automatically.

Application Exam Cockpit

The exam cockpit allows the administration of the exam, the access to all information of the candidate during the exam and the saved recordings of the exam. Likewise, the invitation process is controlled through this application.

















































Brigitte.birrer@edupool.ch 

Invitation management

Online exam cockpit

Monitor Invitation management

	Search candidate... 							
	Candidate	Remaining time	Status	Video person	Video exam	Photo Auth	Session Log	Join Session
Education course 1 - 12.6.2021								
Education course 2 - 15.8.2021								
	Heinz.Müller@muster.ch	02:01:08..	Running					
	Salvine.Kert@muster.ch	03:00:00..	Wait..					
	Sepp.Franz@muster.ch	00:00:00..	Completed					
	Komo.Uster@muster.ch	03:00:00..	Wait..					
	Bert.schneider@muster.ch	02:44:05..	Running					
	Salvine.Kert@muster.ch	03:00:00..	Wait..					
	Heinz.Müller@muster.ch	01:22:01..	Running					
	Salvine.Kert@muster.ch	00:00:00..	Completed					
	Heinz.Müller@muster.ch	02:03:55..	Running					

Click on the icons to view the respective video

Displays log file with detected activities and performed actions

Click to participate directly in the candidate's team session

At the start of the online session, the candidate is asked to take a picture of himself with ID. This picture can be displayed here, for the control).

Planned examination rounds

Start

Zertifizierungen

Gruppen

Aufgaben

Meine Kandidaten

Personen

Rechnungen

Organisationen

Exam

Prüfungsaufgaben

Abmelden

DE EN FR

TITEL 1 / 7

IPMA®
international
project
management
association

**CERTIFIED PROJECT MANAGEMENT ASSOCIATE
IPMA LEVEL D®**

**BEISPIELFRAGEN
MULTIPLE-CHOICE-FRAGEN**

Hinweise
Tragen Sie bitte Ihren Namen auf der Titelseite ein.
Bitte prüfen Sie anhand der Seitenangaben in der Fusszeile, ob Sie die Prüfung vollständig erhalten haben.
Kreuzen Sie die bestmögliche und genau eine Antwort an. Beantworten Sie alle Fragen. Es werden keine Abzüge für falsche Antworten gemacht.

Hilfsmittel
Sie dürfen alle Formen von gedruckten Unterlagen sowie persönliche Notizen verwenden.
Nicht erlaubt sind Hilfsmittel, welche eine Kommunikation über den Prüfungsraum hinaus erlauben.

0 / 6, Gesamtpunkte: 0, Kompetenzen: 0 - Testprüfung Level D_TFE

Frage

In einem Geschäftsbereich wird 'Holacracy' eingeführt, ein Führungsmodell, das auf Selbstorganisation basiert und ohne Chefs auskommt. Nennen Sie drei Faktoren, die notwendig sind, damit dieses Führungsmodell erfolgreich ist.

Lösungsansätze

1	Mitarbeiter kennen Mission und Vision der Unternehmung
2	Mitarbeiter arbeiten selbstverantwortlich
3	Mitarbeiter können Projekte und Projektziele mit der Unternehmensstrategie in Einklang bringen
4	Mitarbeiter untereinander bilden eine Gemeinschaft und vertrauen einander

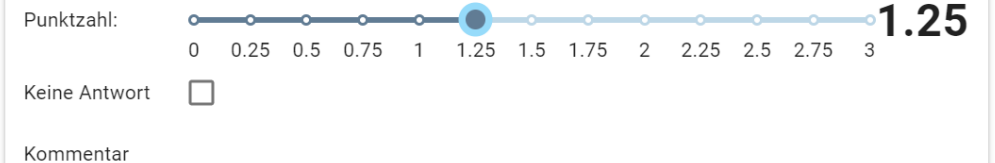
Bewertung

Je angemessenem Faktor 1 Punkt, maximal 3 Punkte

Punktzahl

Maximale Punktzahl: 3

Aktuelle Punktzahl: 1.25



WEITER >

Exam valuation and controlling

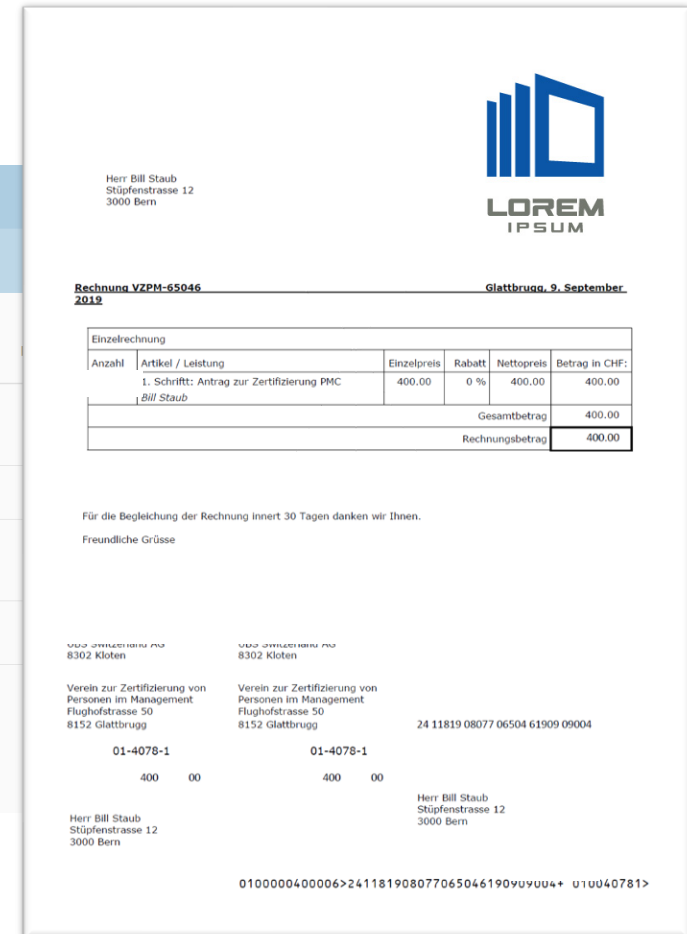
Invoicing

- Invoicing incl. partial invoices
- Product management incl. cost center
- Connection ERP / accounting program
- Support for QR code and ISR invoices



Generate and export invoices

EduFramework	↓ SAGE-EXPORT DURCHFÜHREN							
Start	Typ	Rechnungsnummer	Titel	Empfänger	Betrag	Status	Delivery status	Rechnungsdatum
Zertifizierungen								
Gruppen	👤	VZPM-65065	BlaBla Swisscom Banking Provider AG	Thomas Fehrasdfsafsa	1'300 Fr.	Erstellt	Offen	18.7.2019
Aufgaben	👤		BlaBla Swissmedic	Swissmedic	4 Fr.	Entwurf	Offen	
Meine Kandidaten								
Personen	👤	VZPM-65066	Test Swisscom Banking Provider AG	Swisscom Banking Provider AG	500 Fr.	Erstellt	Offen	18.7.2019
Rechnungen	👤	VZPM-65132	VZPM-65132 Test Swissmedic	Swissmedic	0 Fr.	Erstellt	Offen	28.1.2020
Organisationen								
Exam								
Prüfungsaufgaben								



Issue certificates

- Automatic certificate generation
- Different templates per course/level of education
- Watermarks and signatures
- Signed certificates possible



Signed certificates - protection against modification



THE CANDIDATE HAS
EXAM PASSED

PDF WITH DISTINGUISHED
NING IS GENERATED

GENERATED PDF WILL
SIGNED WITH CERTIFICATE

SIGNED PDF BECOMES THE
DOWNLOAD PROVIDED

THE GRADUATE CAN
LOAD THE DOCUMENT

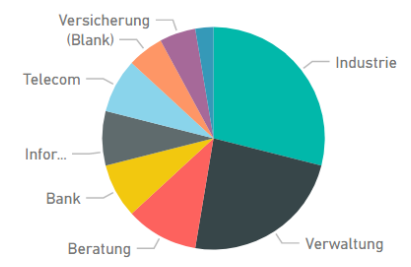
Extensive evaluation options

Zertifizierung	1. Antrag	2. ESR	3. Prüfung	4. Bericht	5. Interview	6. Abschluss	7a. Abgebrochen	7b. Abgewiesen	7c. Erfolgreich
LevelA-ProgrammeDirector		1		1					
LevelA-ProjectDirector				2					
LevelA-ProjectDirector-Recertification	3							1	
LevelB-SeniorProgrammeManager	1		2					1	
LevelB-SeniorProjectManager	4	10	16	30	6	9	3	6	38
LevelB-SeniorProjectManager-Recertification	26							11	10
LevelC-ProjectManager	3	5	24	61	5	6	25	9	81
LevelD-ProjectManagementAssociate	46		189			3	110	62	2055
LevelD-ProjectManagementAssociate-Recertification							3		74
Total	83	16	231	94	11	18	154	77	2258

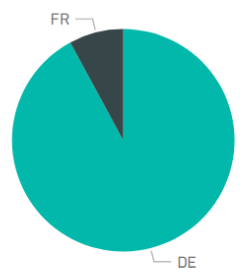
Startdatum Kandidaten

01.01.2019 31.12.2019

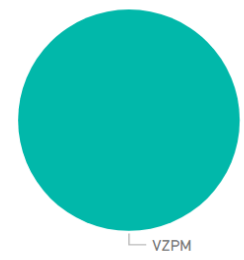
Erfolgreiche Zertifikate nach Branchen



Erfolgreiche Zertifikate nach Sprache



Erfolgreiche Zertifikate nach Gruppentyp



Level

- Select all
- LevelA
- LevelA-Recertification
- LevelB
- LevelB-Recertification
- LevelC
- LevelD
- LevelD-Recertification

Customers appreciate the benefits of the framework



Jean-Pierre Widmann,
CEO VZPM

*“By using the isolutions Edu-Framework software, we can carry out our certification processes much **more efficiently** and **reliably.**”*



Customers appreciate the benefits of the framework

"Our association organizes written and oral examinations for around 2,000 insurance intermediaries every year.

The web-based solution developed with isolutions makes the organizational effort much easier for us.

The project work was efficient and professional, and deadlines were always met, even under time pressure."

Jürg Zellweger, Director, Vocational Training Association of the Insurance Industry VBV



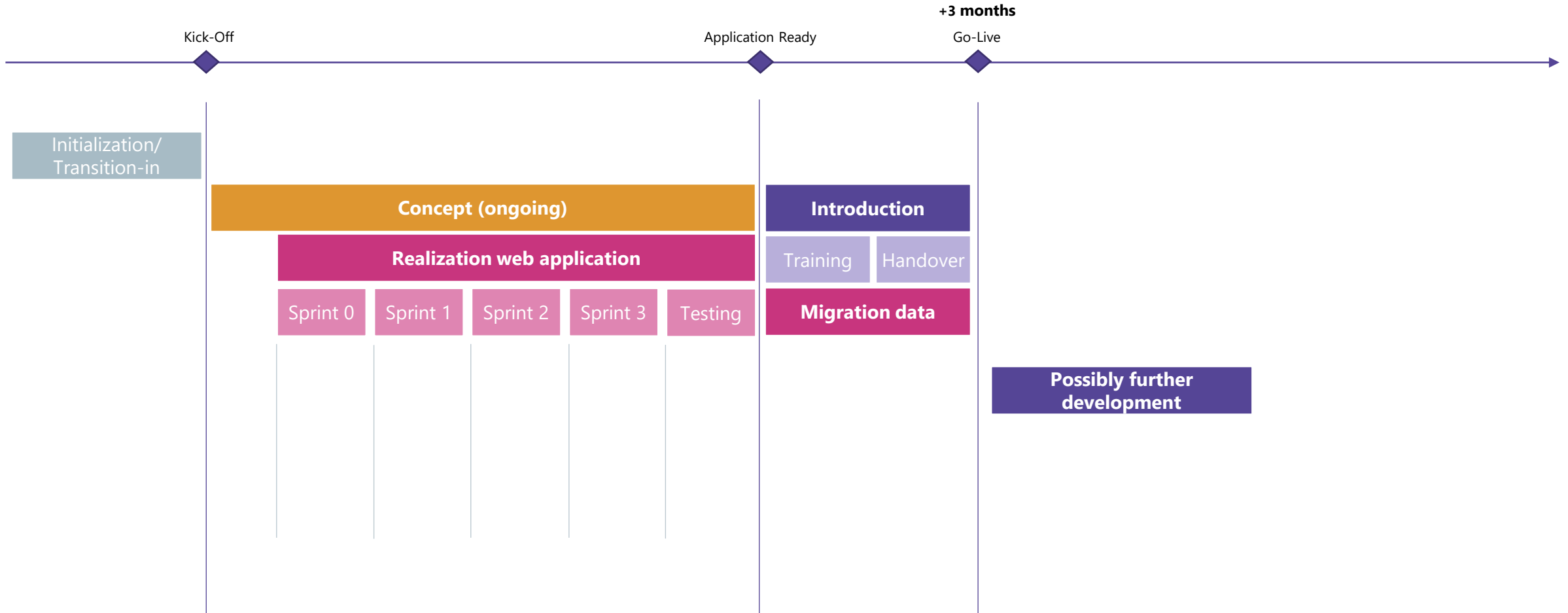
Berufsbildungsverband der Versicherungswirtschaft
Association pour la formation professionnelle en assurance
Associazione per la formazione professionale nell'assicurazione



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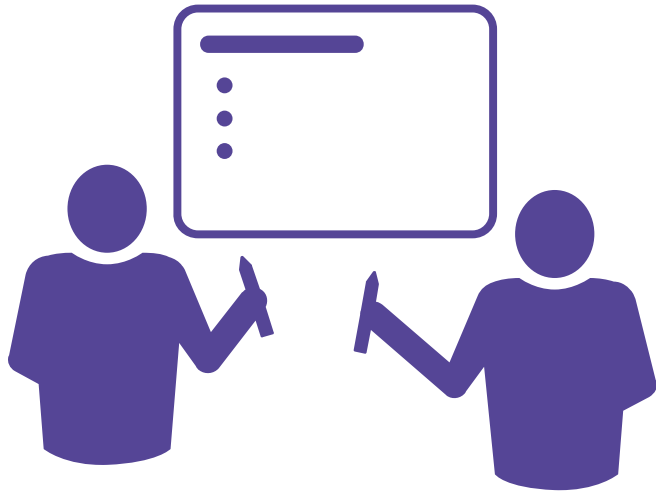
Roadmap

Possible procedure Implementation



First step: Analysis

In a first step, a rough analysis is performed. In this process, the requirements for the future tool are collected together with an isolutions business analyst and roughly grouped/classified. Based on this, we compile a report for you, which shows the path (roadmap) as well as the approximate costs for the implementation.



- Conduct analysis workshop with an experienced business analyst from isolutions (remote or on-site)
- Development of a rough fit/gap analysis
- Elaboration of a roadmap as well as cost estimation for the realization



First analysis
Adaptation
Edu-Framework

- Analysis workshop with an experienced business analyst from isolutions
- Development of a rough fit/gap analysis
- Elaboration of a roadmap as well as cost estimation for the realization

Offer price

CHF tbd

Deliverables:

- Analysis workshop
- Fit/Gap Analysis (PPTX)
- Roadmap for realization
- Cost estimate

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Customers EduFramework

Already successfully introduced:



Berufsbildungsverband der Versicherungswirtschaft
Association pour la formation professionnelle en assurance
Associazione per la formazione professionale nell'assicurazione



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Customers Education

In General

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Universität
Zürich^{UZH}

ETH

Eidgenössische Technische Hochschule Zürich
Swiss Federal Institute of Technology Zurich

**PH
ZH**

PÄDAGOGISCHE
HOCHSCHULE
ZÜRICH



HSR

HOCHSCHULE FÜR TECHNIK
RAPPERSWIL

FHO Fachhochschule Ostschweiz

Zürcher Hochschule
für Angewandte Wissenschaften



EHB

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HOCHSCHULINSTITUT FÜR
BERUFSBILDUNG

Schweizer Exzellenz in Berufsbildung

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zhaw School of
Engineering

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