Exploitable Results by Third Parties

13043 – MOOC TAB

Project details

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Name: SN100T		
Input(s):	**Main feature(s)**	**Output(s):**
▪ Processors instruction set	▪ NFC Controller to establish a contactless communication ▪ Embedded Secure Element to encrypt and decrypt data	▪ Contactless encrypted communication

Unique Selling Proposition(s):	▪ NFC Controller and Embedded Secure Element merged on the same product
Integration constraint(s):	▪ NFC Forum specification 2.0 ▪ Global Platform Open Mobile API specification 3.2
Intended user(s):	▪ System integrator (phone tablet, IoT, infrastructure…) requesting NFC contactless communication with high level of security
Provider:	▪ NXP Semiconductors
Contact point:	▪ Jérome Pelé – jerome.pele@nxp.com
Condition(s) for reuse:	▪ Buy product ▪ NDA

Latest update: 22 May 2018

Name: Content Creation Tool		
Input(s):	**Main feature(s)**	**Output(s):**
▪ Web-based content creation module ▪ Native android tablet application	▪ Generic module for course content creation/editing and enrichment ▪ Adaptability with popular learning management systems and education standards	▪ Enriched course content with multimedia

Unique Selling Proposition(s):	▪ Tool to create and enrich content ▪ Generic product that can be easily adapted to any school information system ▪ Running on Android tablets through a native application
Integration constraint(s):	▪ Integration to any system (school management, course management, etc.) is possible through API
Intended user(s):	▪ Instructors of any level (primary, K12, professional training)
Provider:	▪ Ubit and Bahcesehir University
Contact point:	▪ Yavuz Samur – yavuz.samur@es.bau.edu.tr (Bahcesehir University) ▪ Yahya Sahin – yahya@ubit.com.tr (UBIT)
Condition(s) for reuse:	▪ Licensing

Latest update: 25 May 2018

Name: eID OS for secure documents		
Input	Main feature(s)	Output

Command Secure Storage Identification Authentication Signature Encryption Biometric Verification	2018 state of the art embedded Software & Hardware for eID documents
	On Board features
	▪ eID application enabling electronic Identification and Digital Signature compliant with the latest version of international standards
	▪ Match On Card application enabling biometric finger print verification
	Security features:
	   Embedded cryptographic features
	▪ Cryptographic algorithms: 3DES (ECB, CBC), RSA, AES, ECC, SHA1 & SHA2
	▪ On board Key Generation
	Security mechanisms including multiple hardware and software countermeasures against various attacks such as side channel attacks (SPA, DPA, Timing attacks), Invasive attacks, Advanced fault attacks.
	Based on Cryptographic libraries evaluated as part of Common Criteria Certification
	Certified following Common Criteria scheme
	Compliancy with international standards:
	▪ Global Platform 2.3
	▪ Javacard 3.0.4
	▪ PKCS#1 (RSA Cryptography standard)
	▪ PKCS#15 (Cryptographic Token Information Format Standard)
	▪ ISO/IEC 7810 (Identification cards – Physical characteristics)
	▪ ISO/IEC 10373 (Identification cards – Test methods) Parts: 1/3/6
	▪ ISO/IEC 7816 (Identification cards – Integrated circuit cards) Parts: 3/4/5/6/8/9/11/15
	▪ ISO/IEC 14443 (Identification cards – Contactless integrated circuit(s) cards – Proximity integrated circuit(s) cards) Parts: 1/2/3/4
	    ○ T=CL Type A & B, Very High Bit Rate (VHBR) : up to 6.8 Mbits/s
	▪ ISO/IEC 19794-2 Finger Minutiae Compact-Size Card formats.
		Response

Unique Selling Proposition(s):	▪ State of the art embedded software & hardware for eID documents
	▪ Compliant with the latest European eIDAS regulation and International Standards
	    ○ Qualified Signature and Seal Creation Device under eIDAS regulation EU 910/2014
	    ○ Compliant with TR-03110 v2.20- Part 2 (eID & eSign)
	    ○ Compliant with ISO/IEC 19286 (ERA) - Privacy-enhancing protocols and services	

Integration constraint(s):	▪ Standard NFC reader and libraries ▪ Standard Smart Card Reader and libraries	
Intended user(s):	▪ Any Governmental Institutions willing to deploy state of the art eID secure documents compliant with the latest EU regulations and International Standards	
Provider:	Gemalto	
Contact point:	michael.guerassimo@gemalto.com	
Condition(s) for reuse:	▪ Through specific commercial offer	

Latest update: 22 May 2018

Name: OpenEdX database synchronizer		
Input(s):	Main feature(s)	Output(s):
	▪ Synchronization of databases between a central OpenEdX server and a local OpenEdX server (mooctab box)	
Unique Selling Proposition(s):	▪ Synchronization of databases to permit a local OpenEdX server to do a class session: download central server data before class session, and upload the class session data after the class session	
Integration constraint(s):	▪ Requires a working Mooctab environment with cloud server and local Mooctab box.	
Intended user(s):	▪ Teacher	
Provider:	▪ Université Jean Monnet	
Contact point:	▪ Julien.subercaze@univ-st-etienne.fr	
Condition(s) for reuse:	▪ open source code	
	Latest update: 2018 05 11	

Name: E-learning Data Analytics		
Input(s):	Main feature(s)	Output(s):
▪ Open edX instance	▪ Turn edX logs of events into xAPI statements ▪ Provide a database and dashboards for classical analytics of the audience on the LMS and learning-experience-oriented analytics	▪ Learning Record Store ▪ Learning-experience-oriented analytics
Unique Selling Proposition(s):	▪ The best alternative to edX Insights for analytics, which is open source but not exploitable ▪ Experience-oriented analytics,	
Integration constraint(s):	▪ Saas, hosted by Immanens ▪ On-premises deployment is possible	
Intended user(s):	▪ Training centers or organizations that plan to exploit or currently exploit "open edX" for the delivery of their e-learning courses.	
Provider:	▪ Immanens	
Contact point:	▪ Sylvain Pascual – s.pascual@immanens.com	
Condition(s) for reuse:	▪ Commercial license to be negotiated	

Latest update: 2018 05 11

Name: Virtual Lab		
Input(s):	Main feature(s)	Output(s):
▪ Open edX	▪ Virtual Lab: virtual machine packaged with software needed for practical works during the courses	▪ Learning by doing experience for professional training based on edX ▪ More engaged learners
Unique Selling Proposition(s):	▪ Learning by doing is a must-have for professional training. Make it easy by integrating professional software directly in the user experience. ▪ Easy deployment of the module, complementarity with edX.	
Integration constraint(s):	▪ Saas, hosted by Immanens ▪ On-premises deployment is possible	
Intended user(s):	▪ Training centers or organizations that plan to exploit or currently exploit "open edX" for the delivery of their e-learning courses, and need to add a learning by doing experience.	
Provider:	▪ Immanens	
Contact point:	▪ Sylvain Pascual – s.pascual@immanens.com	
Condition(s) for reuse:	▪ Commercial license to be negotiated.	

Latest update: 2018 05 11

Name: Virtual training room		
Input(s):	Main feature(s)	Output(s):
▪ Open edX	▪ Virtual training room (virtual classroom / webinar) for synchronous sessions with learners.	▪ Synchronous sessions between teachers and learners ▪ Learners are more engaged
Unique Selling Proposition(s):	▪ Add social live interaction between learners and teachers to improve the impact of courses. ▪ Teachers can check easily the level of understanding	
Integration constraint(s):	▪ Saas, hosted by Immanens ▪ On-premises deployment is possible	
Intended user(s):	▪ Training centers or organizations that plan to exploit or currently exploit "open edX" for the delivery of their e-learning courses, and want to improve the experience with synchronous sessions.	
Provider:	▪ Immanens	
Contact point:	▪ Sylvain Pascual – s.pascual@immanens.com	
Condition(s) for reuse:	▪ Commercial license to be negotiated.	

Latest update: 2018 05 11

Name: Learning Map		
Input(s):	Main feature(s)	Output(s):
▪ Open edX	▪ Learning Map Editor: to model the domain of skills that learners can learn by attending the courses hosted in the edX instance ▪ Personal Learning Map: provide to learners a personal view of their progress and the learning paths to the skills they want to reach. Coupled with the Learning Map Editor.	▪ Clear model of the domain of skills ▪ Improvement of perception of learner's progresses ▪ More engaged learners
Unique Selling Proposition(s):	▪ Completely original way to show learners the skills they can reach with the courses.	
Integration constraint(s):	▪ Saas, hosted by Immanens ▪ On-premises deployment is possible	
Intended user(s):	▪ Training centers or organizations that plan to exploit or currently exploit "open edX" for the delivery of their e-learning courses, and want to improve the learning experience with a skills-oriented approach.	
Provider:	▪ Immanens	
Contact point:	▪ Sylvain Pascual – s.pascual@immanens.com	
Condition(s) for reuse:	▪ Commercial license to be negotiated.	

Latest update: 2018 05 11

Name: Studio		
Input(s):	Main feature(s)	Output(s):
▪ Open edX	▪ Studio: video transcription, workflow for usage of Google Drive as a Digital Assets Management for courses contributors, PDF to LMS converter	▪ edX Courses
Unique Selling Proposition(s):	▪ Premium content elaboration for E-learning is no longer a time-consuming activity.	
Integration constraint(s):	▪ Saas, hosted by Immanens ▪ On-premises deployment is possible	
Intended user(s):	▪ Contributors and authors that make courses for open edX LMS.	
Provider:	▪ Immanens	
Contact point:	▪ Sylvain Pascual – s.pascual@immanens.com	
Condition(s) for reuse:	▪ Commercial license to be negotiated.	

Latest update: 2018 05 11

Name: VideoSecure		
Input(s):	Main feature(s)	Output(s):
▪ Open edX	▪ VideoSecure: light DRM on video streaming for content protection	▪ Premium, confidential video content protected for streaming by learners
Unique Selling Proposition(s):	▪ A secured alternative to Youtube for premium or confidential video contents (VideoSecure).	
Integration constraint(s):	▪ Saas, hosted by Immanens ▪ On-premises deployment is possible	
Intended user(s):	▪ Training centers or organizations that want to deliver premium or confidential video content by streaming it through an open edX platform.	
Provider:	▪ Immanens	
Contact point:	▪ Sylvain Pascual – s.pascual@immanens.com	
Condition(s) for reuse:	▪ Commercial license to be negotiated.	

Latest update: 2018 05 11

Name: Offline courses		
Input(s):	Main feature(s)	Output(s):
▪ Open edX	▪ Offline courses: deliver the courses as Epub files for a complete mobile learning experience.	▪ Open edX courses available offline.
Unique Selling Proposition(s):	▪ Make the courses available offline for a full-time access, even in situation of mobility.	
Integration constraint(s):	▪ Android and iOS apps ▪ Saas, hosted by Immanens ▪ On-premises deployment is possible	
Intended user(s):	▪ Training centers or organizations that plan to exploit or currently exploit "open edX" for the delivery of their e-learning courses, and want to give an offline access to the contents.	
Provider:	▪ Immanens	
Contact point:	▪ Sylvain Pascual – s.pascual@immanens.com	
Condition(s) for reuse:	▪ Commercial license to be negotiated.	

Latest update: 2018 05 11

Name: SPOC Pro – LMS enhanced experience integrated		
Input(s):	**Main feature(s):**	**Output(s):**

▪ Contents
▪ Courses
▪ Professional training project
	▪ SPOC Pro LMS
	▪ Integration of the other results:
	   o Virtual Lab
	   o Virtual training room.
	   o Learning Map Editor
	   o Personal Learning Map
	   o Studio
	   o VideoSecure
	   o Offline courses
		▪ Improved LMS experience for professional training based on Immanens SPOC Pro LMS
		▪ More engaged learners

Unique Selling Proposition(s):	▪ Off the shelf integrated solution SPOC Pro, easy to deploy and maintain ▪ Immanens supports contributors and teachers for their first steps on E-learning
Integration constraint(s):	▪ Hosted by Immanens ▪ On premises deployment is possible
Intended user(s):	▪ Training centers or organizations in transition to E-learning
Provider:	▪ Immanens
Contact point:	▪ Jérôme Courivaud – j.courivaud@immanens.com
Condition(s) for reuse:	▪ Commercial license to be negotiated

Latest update: 2018 05 11