

Exploitable Results by Third Parties

13043 – MOOC TAB

Project details

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| Web site | https://itea3.org/project/mooc-tab.html |

| Name: SN100T | | |
|--|---|---|
| Input(s): | Main feature(s) | Output(s): |
| <ul style="list-style-type: none"> Processors instruction set | <ul style="list-style-type: none"> NFC Controller to establish a contactless communication Embedded Secure Element to encrypt and decrypt data | <ul style="list-style-type: none"> Contactless encrypted communication |
| Unique Selling Proposition(s): | <ul style="list-style-type: none"> NFC Controller and Embedded Secure Element merged on the same product | |
| Integration constraint(s): | <ul style="list-style-type: none"> NFC Forum specification 2.0 Global Platform Open Mobile API specification 3.2 | |
| Intended user(s): | <ul style="list-style-type: none"> System integrator (phone tablet, IoT, infrastructure...) requesting NFC contactless communication with high level of security | |
| Provider: | <ul style="list-style-type: none"> NXP Semiconductors | |
| Contact point: | <ul style="list-style-type: none"> Jérôme Pelé – jerome.pele@nxp.com | |
| Condition(s) for reuse: | <ul style="list-style-type: none"> Buy product NDA | |
| <i>Latest update: 22 May 2018</i> | | |

| Name: Content Creation Tool | | |
|--|---|---|
| Input(s): | Main feature(s) | Output(s): |
| <ul style="list-style-type: none"> ▪ Web-based content creation module ▪ Native android tablet application | <ul style="list-style-type: none"> ▪ Generic module for course content creation/editing and enrichment ▪ Adaptability with popular learning management systems and education standards | <ul style="list-style-type: none"> ▪ Enriched course content with multimedia |
| Unique Selling Proposition(s): | <ul style="list-style-type: none"> ▪ 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): | <ul style="list-style-type: none"> ▪ Integration to any system (school management, course management, etc.) is possible through API | |
| Intended user(s): | <ul style="list-style-type: none"> ▪ Instructors of any level (primary, K12, professional training) | |
| Provider: | <ul style="list-style-type: none"> ▪ Ubit and Bahcesehir University | |
| Contact point: | <ul style="list-style-type: none"> ▪ Yavuz Samur – yavuz.samur@es.bau.edu.tr (Bahcesehir University) ▪ Yahya Sahin – yahya@ubit.com.tr (UBIT) | |
| Condition(s) for reuse: | <ul style="list-style-type: none"> ▪ Licensing | |

Latest update: 25 May 2018

| Name: eID OS for secure documents | | |
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| Input | Main feature(s) | Output |
| Command Secure Storage Identification Authentication Signature Encryption Biometric Verification | <p>2018 state of the art embedded Software & Hardware for eID documents</p> <p>On Board features</p> <ul style="list-style-type: none"> ▪ 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 <p>Security features:</p> <p>Embedded cryptographic features</p> <ul style="list-style-type: none"> ▪ Cryptographic algorithms: 3DES (ECB, CBC), RSA, AES, ECC, SHA1 & SHA2 ▪ On board Key Generation <p>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</p> <p>Compliance with international standards:</p> <ul style="list-style-type: none"> ▪ 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 <ul style="list-style-type: none"> ○ 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): | <ul style="list-style-type: none"> ▪ State of the art embedded software & hardware for eID documents ▪ Compliant with the latest European eIDAS regulation and International Standards <ul style="list-style-type: none"> ○ 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): | <ul style="list-style-type: none"> ▪ Standard NFC reader and libraries ▪ Standard Smart Card Reader and libraries | |
| Intended user(s): | <ul style="list-style-type: none"> ▪ 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.querassimo@gemalto.com | |
| Condition(s) for reuse: | <ul style="list-style-type: none"> ▪ Through specific commercial offer | |

Latest update: 22 May 2018

| Name: OpenEdX database synchronizer | | |
|-------------------------------------|---|----------------------------------|
| Input(s): | Main feature(s) | Output(s): |
| | <ul style="list-style-type: none"> Synchronization of databases between a central OpenEdX server and a local OpenEdX server (mooctab box) | |
| Unique Selling Proposition(s): | <ul style="list-style-type: none"> 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): | <ul style="list-style-type: none"> Requires a working Mooctab environment with cloud server and local Mooctab box. | |
| Intended user(s): | <ul style="list-style-type: none"> Teacher | |
| Provider: | <ul style="list-style-type: none"> Université Jean Monnet | |
| Contact point: | <ul style="list-style-type: none"> Julien.subercaze@univ-st-etienne.fr | |
| Condition(s) for reuse: | <ul style="list-style-type: none"> open source code | |
| | | <i>Latest update: 2018 05 11</i> |

| Name: E-learning Data Analytics | | |
|---|---|---|
| Input(s): | Main feature(s) | Output(s): |
| <ul style="list-style-type: none"> Open edX instance | <ul style="list-style-type: none"> 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 | <ul style="list-style-type: none"> Learning Record Store Learning-experience-oriented analytics |
| Unique Selling Proposition(s): | <ul style="list-style-type: none"> The best alternative to edX Insights for analytics, which is open source but not exploitable Experience-oriented analytics, | |
| Integration constraint(s): | <ul style="list-style-type: none"> SaaS, hosted by Immanens On-premises deployment is possible | |
| Intended user(s): | <ul style="list-style-type: none"> Training centers or organizations that plan to exploit or currently exploit "open edX" for the delivery of their e-learning courses. | |
| Provider: | <ul style="list-style-type: none"> Immanens | |
| Contact point: | <ul style="list-style-type: none"> Sylvain Pascual – s.pascual@immanens.com | |
| Condition(s) for reuse: | <ul style="list-style-type: none"> Commercial license to be negotiated | |
| <i>Latest update: 2018 05 11</i> | | |

| Name: Virtual Lab | | |
|--|--|--|
| Input(s): | Main feature(s) | Output(s): |
| <ul style="list-style-type: none"> Open edX | <ul style="list-style-type: none"> Virtual Lab: virtual machine packaged with software needed for practical works during the courses | <ul style="list-style-type: none"> Learning by doing experience for professional training based on edX More engaged learners |
| Unique Selling Proposition(s): | <ul style="list-style-type: none"> 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): | <ul style="list-style-type: none"> SaaS, hosted by Immanens On-premises deployment is possible | |
| Intended user(s): | <ul style="list-style-type: none"> 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: | <ul style="list-style-type: none"> Immanens | |
| Contact point: | <ul style="list-style-type: none"> Sylvain Pascual – s.pascual@immanens.com | |
| Condition(s) for reuse: | <ul style="list-style-type: none"> Commercial license to be negotiated. | |

Latest update: 2018 05 11

| Name: Virtual training room | | |
|--|--|---|
| Input(s): | Main feature(s) | Output(s): |
| <ul style="list-style-type: none"> Open edX | <ul style="list-style-type: none"> Virtual training room (virtual classroom / webinar) for synchronous sessions with learners. | <ul style="list-style-type: none"> Synchronous sessions between teachers and learners Learners are more engaged |
| Unique Selling Proposition(s): | <ul style="list-style-type: none"> 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): | <ul style="list-style-type: none"> Saas, hosted by Immanens On-premises deployment is possible | |
| Intended user(s): | <ul style="list-style-type: none"> 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: | <ul style="list-style-type: none"> Immanens | |
| Contact point: | <ul style="list-style-type: none"> Sylvain Pascual – s.pascual@immanens.com | |
| Condition(s) for reuse: | <ul style="list-style-type: none"> Commercial license to be negotiated. | |

Latest update: 2018 05 11

| Name: Learning Map | | |
|--|---|---|
| Input(s): | Main feature(s) | Output(s): |
| <ul style="list-style-type: none"> Open edX | <ul style="list-style-type: none"> 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. | <ul style="list-style-type: none"> Clear model of the domain of skills Improvement of perception of learner's progresses More engaged learners |
| Unique Selling Proposition(s): | <ul style="list-style-type: none"> Completely original way to show learners the skills they can reach with the courses. | |
| Integration constraint(s): | <ul style="list-style-type: none"> Saas, hosted by Immanens On-premises deployment is possible | |
| Intended user(s): | <ul style="list-style-type: none"> 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: | <ul style="list-style-type: none"> Immanens | |
| Contact point: | <ul style="list-style-type: none"> Sylvain Pascual – s.pascual@immanens.com | |
| Condition(s) for reuse: | <ul style="list-style-type: none"> Commercial license to be negotiated. | |

Latest update: 2018 05 11

| Name: Studio | | |
|--|---|---|
| Input(s): | Main feature(s) | Output(s): |
| <ul style="list-style-type: none"> Open edX | <ul style="list-style-type: none"> Studio: video transcription, workflow for usage of Google Drive as a Digital Assets Management for courses contributors, PDF to LMS converter | <ul style="list-style-type: none"> edX Courses |
| Unique Selling Proposition(s): | <ul style="list-style-type: none"> Premium content elaboration for E-learning is no longer a time-consuming activity. | |
| Integration constraint(s): | <ul style="list-style-type: none"> Saas, hosted by Immanens On-premises deployment is possible | |
| Intended user(s): | <ul style="list-style-type: none"> Contributors and authors that make courses for open edX LMS. | |
| Provider: | <ul style="list-style-type: none"> Immanens | |
| Contact point: | <ul style="list-style-type: none"> Sylvain Pascual – s.pascual@immanens.com | |
| Condition(s) for reuse: | <ul style="list-style-type: none"> Commercial license to be negotiated. | |
| <i>Latest update: 2018 05 11</i> | | |

| Name: VideoSecure | | |
|--|--|---|
| Input(s): | Main feature(s) | Output(s): |
| <ul style="list-style-type: none"> Open edX | <ul style="list-style-type: none"> VideoSecure: light DRM on video streaming for content protection | <ul style="list-style-type: none"> Premium, confidential video content protected for streaming by learners |
| Unique Selling Proposition(s): | <ul style="list-style-type: none"> A secured alternative to Youtube for premium or confidential video contents (VideoSecure). | |
| Integration constraint(s): | <ul style="list-style-type: none"> SaaS, hosted by Immanens On-premises deployment is possible | |
| Intended user(s): | <ul style="list-style-type: none"> Training centers or organizations that want to deliver premium or confidential video content by streaming it through an open edX platform. | |
| Provider: | <ul style="list-style-type: none"> Immanens | |
| Contact point: | <ul style="list-style-type: none"> Sylvain Pascual – s.pascual@immanens.com | |
| Condition(s) for reuse: | <ul style="list-style-type: none"> Commercial license to be negotiated. | |
| <i>Latest update: 2018 05 11</i> | | |

| Name: Offline courses | | |
|--|--|---|
| Input(s): | Main feature(s) | Output(s): |
| <ul style="list-style-type: none"> Open edX | <ul style="list-style-type: none"> Offline courses: deliver the courses as Epub files for a complete mobile learning experience. | <ul style="list-style-type: none"> Open edX courses available offline. |
| Unique Selling Proposition(s): | <ul style="list-style-type: none"> Make the courses available offline for a full-time access, even in situation of mobility. | |
| Integration constraint(s): | <ul style="list-style-type: none"> Android and iOS apps SaaS, hosted by Immanens On-premises deployment is possible | |
| Intended user(s): | <ul style="list-style-type: none"> 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: | <ul style="list-style-type: none"> Immanens | |
| Contact point: | <ul style="list-style-type: none"> Sylvain Pascual – s.pascual@immanens.com | |
| Condition(s) for reuse: | <ul style="list-style-type: none"> Commercial license to be negotiated. | |
| <i>Latest update: 2018 05 11</i> | | |

| Name: SPOC Pro – LMS enhanced experience integrated | | |
|--|--|---|
| Input(s): | Main feature(s) | Output(s): |
| <ul style="list-style-type: none"> ▪ Contents ▪ Courses ▪ Professional training project | <ul style="list-style-type: none"> ▪ SPOC Pro LMS ▪ Integration of the other results: <ul style="list-style-type: none"> ○ Virtual Lab ○ Virtual training room. ○ Learning Map Editor ○ Personal Learning Map ○ Studio ○ VideoSecure ○ Offline courses | <ul style="list-style-type: none"> ▪ Improved LMS experience for professional training based on Immanens SPOC Pro LMS ▪ More engaged learners |
| Unique Selling Proposition(s): | <ul style="list-style-type: none"> ▪ 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): | <ul style="list-style-type: none"> ▪ Hosted by Immanens ▪ On premises deployment is possible | |
| Intended user(s): | <ul style="list-style-type: none"> ▪ Training centers or organizations in transition to E-learning | |
| Provider: | <ul style="list-style-type: none"> ▪ Immanens | |
| Contact point: | <ul style="list-style-type: none"> ▪ Jérôme Courivaud – j.courivaud@immanens.com | |
| Condition(s) for reuse: | <ul style="list-style-type: none"> ▪ Commercial license to be negotiated | |
| <i>Latest update: 2018 05 11</i> | | |