



Proiect PrivateSky
Raport de Oferta de Expertiza D_2016_R1_A.4.2_1
Perioada de raportare: 1.09.2016-30.11.2016

Oferta de expertiză

In cadrul sub-activitatii A.1.2 din proiectul Private Sky s-a planificat stabilirea ofertei de expertiză ce va fi reprezentata de acest document . Vom prezenta mai jos o ofertă detaliată cu domeniile de expertiză a acelor membri din echipa de implementare care vor face transfer de cunoștințe către companii. Acest document va fi in permanenta actualizat in functie de necesitatile evidentiate de cererile companiilor si de abilitatile si cunostintele noilor membri din echipa proiect, odata cu implicarea lor conform desfasurarii proiectului.

Documentul va fi pus intr-o forma sintetica la dispozitia companiilor, pe pagina web a proiectului PrivateSky conform planului general de transfer de cunostinte.

Oferta detaliată

Specialist	Expertiza
Alboaie Lenuta Alboaie Sinica Adrian Iftene Corina Forascu Panu Andrei Sabin Buraga Anca Ignat Munteanu Corneliu	<ul style="list-style-type: none"> ● Crearea de analize stiintifice in domeniul distemelor distribuite ● Crearea de analize despre tehnologii si produse noi in domeniile: sisteme distribuite, cloud computing, enterprise software, instrumente de programare, instrumente de gestiune baze de date ● Crearea de analize in domeniul integrarii: sisteme MoM, ESB, EIP ● Propunere de arhitecturi si solutii tehnice complexe pentru aplicatii noi de tipul aplicatii cloud sau aplicatii enterprise ● Analiza arhitecturilor software din perspectiva scalabilitatii si a tratarii erorilor ● Analiza arhitecturilor software din perspectiva securitatii si a respectarii legislatiei nationale si europene referitoare la privacy ● Crearea de analize despre tehnologii si produse noi in domeniile: tehnologii de tip distructiv, sisteme distribuite, cloud computing, sisteme de operare distribuite ● Propunere de arhitecturi si solutii tehnice complexe pentru optimizarea aplicatiilor ineficiente din punct de vedere al timpului

	<p>de execuție</p> <ul style="list-style-type: none"> ● Design inteligent al serviciilor orientat pe utilizator ● Crearea de analize științifice în domeniul prelucrării limbajului natural ● Crearea de analize despre tehnologii și produse noi în domeniile: inteligență artificială, lingvistică computațională ● Propunere de arhitecturi și soluții tehnice pentru aplicații noi din domeniul prelucrării limbajului natural ● Crearea de analize despre tehnologii și produse noi în domeniile: sisteme distribuite, cloud computing, enterprise software, instrumente de programare, instrumente de gestiune baze de date, tehnologii web, rețele de calculatoare, învățare automată, procesarea limbajului natural ● Crearea de analize în domeniul integrării: sisteme MoM, ESB, EIP ● Propunere de arhitecturi și soluții tehnice pentru aplicații noi de tipul aplicații cloud sau aplicații enterprise ● Analizarea și optimizarea proceselor de business ● Administrarea rețelelor de calculatoare și a sistemelor ● Procesarea Imaginilor Digitale (Recunoașterea texturii, Biometrie (identificarea irișilor), Recunoașterea fețelor) ● Analiza de conținut a imaginilor (CBIR) ● <i>Studii de piață</i> privind evoluția utilizării aplicațiilor cloud (motivații, atitudini, comportamente ale utilizatorilor finali) ● Studii privind configurarea produselor IT (valorizarea privacy-ului de către utilizatorii finali) ● Consiliere în proiectarea <i>strategiilor de promovare</i> a produselor IT configurate în cloud ● Consiliere la proiectarea <i>strategiilor de preț</i> pentru produse IT
--	--

Articole științifice ale membrilor proiectului PrivateSky cu potential de transfer imediat

	Keywords
<p><i>Lenuta Alboaie, Sinica Alboaie, Andrei Panu. Levels of Privacy for eHealth Systems in the Cloud Era, 24th International Conference on Information Systems Development, pp. 243-252, Harbin, China, 2015</i></p>	<p>executable choreography, semantic firewall, privacy levels, SOA for eHealth</p>

<p>Lenuta Alboaie, Sinica Alboaie, Tudor Barbu, Extending swarm communication to unify choreography and long-lived processes, 23rd International Conference on Information Systems Development, ISD2014 Croatia</p>	
<p>Sinica Alboaie, Lucian Nita, Stefanescu, Executable Choreographies for Medical Systems Integration and Data Leaks Prevention, The 5th IEEE International Conference on E-Health and Bioengineering - EHB 2015, Grigore T. Popa University of Medicine and Pharmacy, Iași, Romania, November 19-21, 2015</p>	
<p><i>Lenuta Alboaie, Sinica Alboaie, Andrei Panu. Swarm Communication – a Messaging Pattern Proposal for Dynamic Scalability in Cloud, Proceedings of the 15th IEEE International Conference on High Performance Computing and Communications – IEEE HPCC, pp. 1930-1937, China, 2013</i></p>	<p>service oriented architectures, integration techniques, asynchronous communication, cloud platform</p>
<p><i>"SIGMA - Semantic Government Mash-Up Application: Using Semantic Web Technologies to Provide Access to Governmental Data", 10th International Symposium on Parallel and Distributed Computing (ISPDC), IEEE Computer Society Press, 2011 (collaboration with C.Gheorghiu, R.Nicolescu, A.Bogdan, C.Ochisor, and L.Alboaie)</i></p>	<p>E-government, open data, knowledge management, semantic Web</p>
<p><i>"UpCity: A Service-Oriented Architecture for E-Participation", Proceedings of 6th International Conference on Web Information Systems and Technologies – WEBIST 2010, Valencia, Spain, INSTICC, 2010 (collaboration with A.Buzgar)</i></p>	<p>E-participation, SOA, Web technologies, Web engineering</p>
<p><i>"Enhancing User Experience on the Web via Microformats-Based Recommendations", J.Filipe, J.Cordeiro (eds.), Enterprise Information Systems. Revised Selected Papers, Lecture Notes in</i></p>	<p>UX, Web technologies, knowledge modeling, recommender system</p>

Business Information Processing – LNBIP Volume 19, Springer, 2009 (collaboration with A.P.Luca)	
" <i>Semantic Web-based Knowledge Management in Distributed Systems</i> ", B.Iantovics <i>et al.</i> (eds.), Post-proceedings of CANS – Complexity and Intelligence of the Artificial and Natural Complex Systems, IEEE Computer Society Press, 2009	Distributed systems, knowledge management, semantic Web
" <i>An XML/RDF-based Proposal to Exchange Information within a Multi-Agent System</i> ", Proceedings of the NATO Advanced Research Workshop on Concurrent Information Processing and Computing, D.Grigoras, A.Nicolau (eds.), IOS Press, 2005 (collaboration with S.Alboaie and L.Alboaie)	Multi-agent systems, knowledge modeling, interoperability, Web
" <i>A Knowledge-Based Approach to the User-Centered Design Process</i> ", Communications in Computer and Information Science, Volume 415, Springer, 2013 (collaboration with S.Negru)	Knowledge management, HCI, software engineering
" <i>A RDF-based Model for Expressing Spatio-Temporal Relations Between Web Sites</i> ", Proceedings of the 3 rd International Conference on Web Information Systems Engineering – WISE 2002, Singapore, IEEE Computer Society Press, 2002 (collaboration with G.Ciobanu)	Knowledge modeling, semantic Web, RDF, Web technologies
" <i>TELEMON – an SOA-based e-Health System. Designing the Main Architectural Components</i> ", in A.Graur <i>et al.</i> (eds.), Proceedings of the 9 th International Conference on Development and Application Systems – DAS 2008 (collaboration with L.Alboaie and V.Felea)	SOA, e-health, software engineering, Web technologies, distributed systems
Pinzariu, M.N., Iftene, A. 2016. Sphero - Multiplayer Augmented Game (SMAUG). In International Conference on Human-Computer Interaction, 8-9 September 2016, Iasi, Romania.	Augmented Reality; Robotics; Multiplayer Networking; Mobile Application
Baran, A., Iftene, A. 2016. Event detection in Tweets. In International Conference on Human-Computer Interaction, 8-9 September 2016, Iasi, Romania.	Twitter; Event detection; Hadoop Ecosystem; Map-Reduce
Damian, C., Alboaie, L., Iftene, A. 2016. Using WSN and Mobile Apps for Home and Office Ambient Monitoring and Control. In International Conference on Human-Computer Interaction, 8-9 September 2016, Iasi, Romania.	Sensors; air quality; monitoring; wireless communication; mobile applications

<p><i>Necula, E., Necula, R., Iftene, A. 2013. Realtime Information Propagation for a Distributed Traffic Information System. In Proceedings, of 12th International Conference RoEduNet IEEE: Networking in Education and Research., ISSN: 2068-1038, Pp. 91-96, 26-28 September, 2013, Constanta, Romania.</i></p>	<p>Distributed traffic; vanet; wireless sensor; distributed information; its; ivc; congestion; simulator</p>
<p><i>Necula, E., Necula, R., Iftene, A. 2010. Distributed Traffic Management System. In proceedings of 12th International Symposium on Symbolic and Numeric Algorithms for Scientific Computing (SYNASC 2010), Published by the IEEE Computer Society, ISBN 978-0-7695-4324-6, Pages 159-166. September 23-26, Timișoara, România.</i></p>	<p>adaptability, agent, simulator, distributed application</p>
<p><i>Iftene, A. 2008. Discovery Linguistic Services in a GRID Environment. In proceedings Scientific and Educational GRID Applications. 5th European Conference on Intelligent Systems and Technologies (ECIT 2008). Publishing House "Politehniun", Iasi. Editori Teodorescu, H-N., Craus, M. Pages 49-60. ISBN 978-973-621-236-9. 10-12 July. Iasi, Romania.</i></p>	<p>GRID, Peer-to-peer, JXTA, Service discovery,</p>
<p><i>Pistol, I., Iftene, A. 2008. Linguistic Processing Architecture in a GRID Environment. In proceedings Scientific and Educational GRID Applications. 5th European Conference on Intelligent Systems and Technologies (ECIT 2008). Publishing House "Politehniun", Iasi. Editori Teodorescu, H-N., Craus, M. Pages 61-73. ISBN 978-973-621-236-9. 10-12 July. Iasi, Romania.</i></p>	<p>Grid environment, Processing architectures, Globus toolkit</p>
<p><i>Iftene, A. 2008. Realizarea interferentelor textuale in GRID. In Simpozionul International al Tinerilor Cercetatori 2008 (Editia a VI-a). Volum I, Editia a VI. Pagini 350-351, 18-19 Aprilie. Chisinau, 2008. Sistem tele-conferinta, Chisinau, Moldova si Iasi, Bucuresti, Romania.</i></p>	<p>GRID, Client-server architecture</p>
<p><i>Iftene, A., Balahur-Dobrescu, A. and Matei, D. 2007. A Distributed Architecture System for Recognizing Textual Entailment. In proceedings of 9th International Symposium on Symbolic and Numeric Algorithms for Scientific Computing (SYNASC 2007). Pp. 219--226. Published by the IEEE Computer Society. ISBN 0-7695-3078-8. September 26-29, Timișoara, România.</i></p>	<p>Peer-to-Peer, CAN, SMB Protocol, CIFS, Client-server architecture</p>
<p><i>Iftene, A. 2007. Building a Computational Grid Using P2P Networks. In Proceedings of 9th International Symposium on Automatic Control and Computer Science (SACCS2007). Editura</i></p>	<p>GRID, Peer-to-peer</p>

<p><i>Politehniium a Universitatii "Gh. Asachi" Iasi. Editori Manta, V. and Lazar, C. ISSN 1843-7257. Pp. 459-464, 16-18 November. Iași, România.</i></p>	
<p><i>Forăscu, C., Tufiș, D. (2012). Romanian TimeBank: An Annotated Parallel Corpus for Temporal Information. In Proceedings of the 8th International Conference on Language Resources and Evaluation, LREC 2012, 21-27 May, 2012, Istanbul, Turkey.</i></p>	<p>Temporal information, parallel corpora, annotation scheme, annotation transfer</p>
<p><i>Mihăilă, C., Forăscu, C., Buraga, S. (2009). CLAU - A Service-Oriented System for Complex Language-Alignment. Architectural Aspects. In POLIBITS Research Journal - Computer science and computer engineering with applications, No. 39, ISSN 1870-9044, pp. 49-54, Jan-June 2009.</i></p>	<p>Alignment architecture, parallel corpora</p>
<p><i>Forăscu, C. (2008). Why Don't Romanians Have a Five O'clock Tea, Nor Halloween, but Have a Kind of Valentines Day? In Alexander Gelbukh (ed.) Computational Linguistics and Intelligent Text Processing, CICLing 2008, LNCS 4919, Springer-Verlag Berlin Heidelberg 2008. Haifa, February 17-23, 2008, Israel. ISBN 978-3-540-78134-9, pp 73-84.</i></p>	<p>Temporal information, xml annotation scheme, annotation import</p>
<p><i>Cristea, D., Forăscu, C. (2006). Linguistic Resources and Technologies for Romanian Language. In Journal of Computer Science of Moldova, Academy of Science of Moldova, Institute of Mathematics and Computer Science, vol. 14, nr. 1(40), ISSN 1561-4042, pp. 34-73.</i></p>	<p>Linguistic resources, corpora, dictionaries, lexica, linguistic tools, POS taggers, disambiguators</p>
<p><i>M.Costin, A.Ignat - Pitfalls in Using Dual Tree Complex Wavelet Transform for Texture Featuring: a Discussion, 2011 IEEE 7th International Symposium on Intelligent Signal Processing (WISP) Proceedings, September 19-21, Malta, 110-115.</i></p>	<p>Texture, Dual Tree Complex Wavelet Transform</p>
<p><i>A.Ignat, M.Luca - Rotation Invariant Texture Retrieval Using Dual Tree Complex Wavelet Transform, 6-th International Workshop on Soft Computing, SOFA 2014, Timisoara, Romania, July 24-26, 2014.</i></p>	<p>Texture, Dual Tree Complex Wavelet Transform</p>
<p><i>A.Ignat - Combining Features for Texture Analysis, Proceedings Part II of 16-th International Conference CAIP2015, Valletta, Malta, September 2-4, 2015 (G. Azzopardi, N. Petkov eds.), LNCS 9257, pp. 220-229.</i></p>	<p>Texture, Discrete Wavelet Transform, Gabor filters</p>

<p>A.Ignat, M.Luca, A.Ciobanu - <i>Iris Features using Dual Tree Complex Wavelet Transform in Texture Evaluation for Biometrical Identification, E-Health and Bioengineering Conference (EHB), Iasi, November 21-23, 2013.</i></p>	<p>Iris identification, Dual Tree Complex Wavelet Transform</p>
<p>A.Ignat, M.Luca, A. Ciobanu - <i>New Method of Iris Recognition using Dual Tree Complex Wavelet Transform, 6-th International Workshop on Soft Computing, SOFA 2014, Timisoara, Romania, July 24-26, 2014.</i></p>	<p>Iris Recognition</p>
<p>I.Pavaloi, A.Ignat - <i>Iris Recognition using Color and Texture Features, 7-th International Workshop on Soft Computing, SOFA 2016, Arad, Romania, August 24-26, 2016.</i></p>	<p>Iris Recognition, Content Based Image Retrieval, Texture</p>
<p>V.Dima, A.Ignat, C.Rusu - <i>Identifying Down Syndrome Cases by Combined Use of Face Recognition Methods, 7-th International Workshop on Soft Computing, SOFA 2016, Arad, Romania, August 24-26, 2016.</i></p>	<p>Down Syndrome Identification, Face Recognition</p>
<p>I.Pavaloi, A.Ignat - <i>A Simple Global Color Criterion for Image Retrieval, 13th Int. Conference on DEVELOPMENT AND APPLICATION SYSTEMS, DAS 2016, Suceava, Romania, May 19-21, 2016.</i></p>	<p>Content Based Image Retrieval</p>
<p>Munteanu, Corneliu, Ciprian Ceobanu, Claudia Bobalca, Oana Anton, An Analysis of Customer Satisfaction in a Higher Education Context, <i>International Journal of Public Sector Management</i>, Volume 23, Number 2, pp. 124-140, 2010, ISSN 0951-3558.</p>	<p>customer satisfaction (satisfacția clienților)</p>
<p>Munteanu, Corneliu, Ciprian Ceobanu, Oana Anton, Assessing Marketing Graduates Self-Efficacy; An Exploratory Analysis, <i>Transformations in Business & Economics</i>, Vol. 8, no 3 (18), 2009, ISSN 1648-4460.</p>	<p>self-efficacy (auto-eficiență)</p>
<p>Munteanu Corneliu, Deriving Positioning Maps for Educational Products; Methodological Challenges and Strategic Implications, <i>volumul conferinței "European Society and Marketing Strategy"</i>, COROMAR - 2007, Iași.</p>	<p>positioning maps (hartă de poziționare)</p>

<p>Munteanu Corneliu, Managers and Attitude Towards Risk, A Cross-section Study, <i>Anuarul Institutului de Cercetări economice „Gheorghe Zane”, Tomul XIII-XIV 2004-2005, Editura Academiei Române, București, 2006.</i></p>	<p>attitude towards risk (atitudine față de risk)</p>
--	---

Alte articole științifice

	Keywords
<p><i>"SUP: A Service Oriented Framework for Semantic User Profile Extraction and Representation"</i>, 8th International Conference on Intelligent Computer Communication and Processing (ICCP 2012), IEEE Computer Society Press, 2012 (collaboration with E.Boros, A.Ginsca, and L.Alboaie)</p>	<p>SOA, user personalization, knowledge management, framework, HCI</p>
<p><i>"PeRe: A Location-based Personal Semantic Web Recommender"</i>, International Conference on Automation Quality and Testing Robotics (AQTR), IEEE Press, 2012 (collaboration with G.Chetreanu, A.Mihaila, I.Vascu, G.Vlad, and L.Alboaie)</p>	<p>HCI, recommender system, semantic Web, knowledge modeling, Web technologies</p>
<p><i>"An Ontology-based Approach for Modelling Grid Services in the Context of E-learning"</i>, International Journal of Web and Grid Services (IJWGS) – Special Issue on Web/Grid Information and Services Discovery and Management, Volume 4, Issue 4, 2008 (collaboration with M.Brut)</p>	<p>Knowledge modeling, distributed systems, e-learning, semantic Web, Web services</p>
<p><i>"A Web Service-based Solution for E-Learning Resources Annotation and Retrieval – Conceptual Architecture"</i>, in M.Iskander (ed.), Innovative Techniques in Instruction Technology, E-learning, E-assessment, and Education, Springer, 2008 (collaboration with M.Brut)</p>	<p>Knowledge modeling, distributed systems, e-learning, semantic Web, Web services, software engineering</p>
<p><i>"Peer-to-Peer Wikis: Replication of Highly Dynamic Content on XWiki"</i>, Proceedings of the 9th International Symposium on Symbolic and Numeric Algorithms for Scientific Computing – SYNASC, IEEE Computer Society Press, 2007 (collaboration with S.Dumitriu)</p>	<p>Distributed systems, P2P, wiki, software engineering</p>

<p><i>"Spatial (Elements) Decision Support System Used in Disaster Management"</i>, Inaugural IEEE International Conference on Digital Ecosystems and Technologies – DEST, IEEE Press, 2007 (collaboration with M.Cioca and L.Cioca)</p>	<p>Disaster management, decision support, software engineering</p>
<p><i>"A Distributed Platform based on Web Services for Multimedia Resource Discovery"</i>, Proceedings of the 2nd International Symposium on Parallel and Distributed Computing, IEEE Computer Society Press, 2003 (collaboration with P.Gabureanu)</p>	<p>Knowledge management, distributed systems, multimedia, Web services, software architecture</p>
<p><i>"Web of Data as a Solution for Interoperability. Case Studies"</i>, in M.F.Vaida, M.Cremene (eds.), Distributed Environments. Adaptability, Semantics and Security Issues, International Romanian-French Workshop, 17-18 September 2009, U.T. Press, Cluj-Napoca, 2009</p>	<p>Knowledge management, interoperability, Web engineering, distributed systems</p>
<p><i>"DISMY – a Semantic Grid System Based on Linda, P2P and ALCHEMI"</i>, in Studia Universitatis "Babes-Bolyai", Informatica Special Issue – International Conference KEPT (Knowledge Engineering Principles and Techniques), 2009 (collaboration with A.Iacob)</p>	<p>Knowledge management, distributed systems, semantic Web, software engineering</p>
<p><i>"Towards Open Source/Data in the Context of Higher Education: Pragmatic Case Studies Deployed in Romania"</i>, in K. Crowston et al. (Eds.), OSS 2016 – Open Source Systems: Integrating Communities, <i>IFIP AICT – Advances in Information and Communication Technology</i>, Volume 472, Springer, 2016 (collaboration with A.Coman and A.Cîtea)</p>	<p>Open data, e-participation, e-learning, software engineering, Web technologies</p>
<p><i>"An Ontological Approach for Specifying Provenance into SPARQL Service Descriptions"</i>, R. Buchmann et al. (Eds.), 7th International Conference on Knowledge Science, Engineering and Management (KSEM 2014), Lecture Notes in Artificial Intelligence – LNAI 8793, Springer, 2014 (collaboration with C.Gheorghiu)</p>	<p>Knowledge modeling, semantic Web, Web services, Web engineering</p>

<p>Micu, A., Iftene, A. 2016. Semantic diversification of text search results. In 8th International Conference on Computational Collective Intelligence. Vol. 9876, Lecture Notes in Computer Science (LNCS), ISSN 0302-9743, Springer International</p>	<p>Information retrieval Diversification Clustering</p>
--	---

<p>Publishing, Pp. 78-88. 28-30 September 2016, Halkidiki, Greece.</p>	
<p>Iftene, A., Baboi, A.M. 2016. Using semantic resources in image retrieval. 20th International Conference on Knowledge Based and Intelligent Information and Engineering Systems, KES2016, Vol. 96, Pp. 436-445, Elsevier. 5-7 September 2016, York, United Kingdom</p>	<p>Image retrieval; YAGO; Wikipedia; WordNet</p>
<p>Baran, A-B., Iftene, A. 2015. Disruptive Technologies - UV Protect - Smart Watch Application. Revista Română de Interacțiune Om-Calculator, ISSN 2344-1690, pp. 87-90, 4-25 Septembrie, Bucuresti.</p>	<p>Disruptive Technologies; Smart Watch; Samsung Gear S; Ultraviolet Radiation</p>
<p>Gînscă, A. L., Popescu, A., Lupu, M., Iftene, A., Kanellos, I. 2015. Evaluating User Image Tagging Credibility. Experimental IR meets Multilinguality, Multimodality, and Interaction. Lecture Notes in Computer Science, Vol. 9283, Pp. 41-52. ISSN 0302-9743, ISBN 978-3-319-24026-8. Publisher Springer International Publishing. In Proceedings of 6th International Conference of the CLEF Association, CLEF'15 Toulouse, France, September 8-11, 2015.</p>	<p>Information retrieval; Flickr; Credibility</p>
<p>Breabăn, M., Iftene, A. 2015. Dynamic Objective Sampling in Many-objective Optimization. In Knowledge-Based and Intelligent Information & Engineering Systems 19th Annual Conference, KES-2015, Singapore, September 2015 Proceedings. Elsevier. Procedia Computer Science, vol. 60, pp. 178-187.</p>	<p>many-objective optimization; unsupervised objective selection; clustering; rank correlation</p>
<p>Petrea, T., Iftene, A. 2013. Criminal detection - An application for criminal identification. Revista Romana de Interactiune Om-Calculator, Vol. 6, No. 4, Pp. 357-376, ISSN 1843-4460.</p>	<p>Lingvistică computațională, Supraveghere pe Internet, Lingvistică judiciară.</p>
<p>Christina Unger, Corina Forăscu, Vanessa Lopez, Axel-Cyrille Ngonga Ngomo, Elena Cabrio, Philipp Cimiano, and Sebastian Walter (2014). Question Answering over Linked Data (QALD-4). In <i>CLEF 2014 Conference and Labs of the Evaluation Forum (Working Notes)</i>, 1172-1180, September 15-18, 2014, Sheffield, UK.</p>	<p>Linked data, semantic web, query processing, question answering</p>
<p>Lei Li, Corina Forăscu, Mahmoud El-Haj, and George Giannakopoulos (2013). Multi-document multilingual</p>	<p>Summarization, corpora development</p>

<p>summarization corpus preparation, Part 1: Arabic, English, Greek, Chinese, Romanian. In <i>ACL MultiLing 2013 Workshop on Multilingual Multi-document Summarization</i>, pp. 1-12, August 9, 2013, Sofia, Bulgaria</p>	
<p>Piwek, P., Mostow, J., Chali, Y., Forăscu, C., Gates, D. (2009). Data Requirements, Sources, and Annotation Schemes for Question Generation Shared Tasks. In V. Rus, and A.C. Graeser (eds.), <i>The Question Generation Shared Task And Evaluation Challenge</i>, Workshop Report, University of Memphis, ISBN 978-0-615-27428-7, pp. 15-21, February 2009.</p>	<p>Question generation, annotation schemes & standards, data requirements, shared task,</p>
<p>Cristea, D., Forăscu, C., Răschip, M., Zock, M. (2008). How to Evaluate and Raise the Quality in a Collaborative Lexicographic Approach. In <i>Proceedings of LREC-2008</i>, Marrakech, Morocco, May 26 - June 1, 2008, ISBN 2-9517408-4-0.</p>	<p>Electronic dictionaries, computational lexicography, collaborative error correction</p>
<p>Serban Ungureanu, Andrei Panu, Lenuta Alboiaie. <i>A Cloud Gaming System Design Insights</i>, 12th International Conference on e-Business (ICE-B), pp. 144-151, Colmar, France, 2015</p>	<p>Cloud Gaming, Video Streaming, Remote Rendering</p>
<p>Sabin C. Buraga, Andrei Panu. <i>A Web Tool for Extracting and Viewing the Semantic Markups</i>, Proceedings of 6th International Conference on Knowledge Science, Engineering and Management - KSEM, pp. 570-579, China, 2013</p>	<p>Semantic Web, semantic markups, content extraction, Web interaction, knowledge engineering</p>
<p>Andrei Panu, Sabin C. Buraga, Lenuta Alboiaie. <i>Qsense – Learning Semantic Web Concepts by Querying DBpedia</i>, Proceedings of 10th International Conference on E-Business - ICE-B, pp. 351-356, Iceland, 2013</p>	<p>Semantic Web, DBpedia, linked data, learning tool</p>
<p>Claudia Gheorghiu, Andrei Panu, Lenuta Alboiaie. <i>A Semantic Web Platform for Legal Knowledge in Cloud</i>, Proceedings of 12th International Conference on Intelligent Software Methodologies, Tools and Techniques - SOMET, pp. 121-126, Hungary, 2013</p>	<p>Semantic Web, semantic technologies, open data, legal knowledge, cloud platform</p>
<p>Alina Gozman (Munteanu), Daniel Munteanu, Andrei Panu, Lenuta Alboiaie, Sabin Buraga, SINUX – Ubuntu Spiced Up with Semantic Web, 10th Networking in Education and Research - RoEduNet IEEE Conference, ISSN 2247-5443, pp.199-204, Romania, 2011</p>	<p>Ubuntu, Semantic Web, Linux distribution, Semantic tools</p>



A.Ignat, M.Coman - Gender Recognition with Gabor Filters, E-Health and Bioengineering Conference (EHB), Iasi, Romania, 19-21 November, 2015.	Gender Recognition, Face Recognition
A. Ignat, B. Aciobanitei - Handwritten digit recognition using rotations, 18-th International Symposium on Symbolic and Numeric Algorithms for Scientific Computing, SYNASC 2016, Timisoara, Romania, September 24-27, 2016.	Handwritten Digit Recognition

Directii de transfer bazate pe analiza tipurilor de aplicatii ce pot fi create cu PrivateSky

Platforma PrivateSky are un avantaj unic fata de alte sisteme de integrare pentru ca ofera posibilitatea de a integra multiple organizatii ce au multiple identitati ale utilizatorilor si multiple puncte de autorizare si verificare a tokenilor de autorizare. Acest document descrie cazurile tipice de folosire a PrivateSky si metoda de a realiza federarea autentificarii si autorizarii între nodurile PrivateSky. Pentru ca dezvoltarea platfromei sa nu se faca fara legatura cu cauzi de folosire concrete platforma se va potrivi cu functionalitatile unui asistent personal (interfata conversationala) si poate oferi:

- Gestiune date personale foarte sensibile (de exemplu parole, salarii)
- Interfata conversationala
- Gestiunea referintelor la resursele cloud relevante si capacitatea de a crea dosare pe baza acestor date
- Gestiunea informatiilor de trust cu alti oameni sau resurse
- Sistem de recomandare pe baza de chestionare, preferinte
- Sistem de plugine peste interfata conversationala care ajute la integrarea altor aplicatii (federatii) in asistenti
- Sisteme de cautare, matching, plati si raportare in mod anonimizat

In tabelul de mai jos, frunizam pentru exemplificare, citeva din tipurile de functionalitati ce vor putea fi accesibile in momentul cind platforma PrivateSky va fi complet realizata. Avem in vedere ca implementarea acestor directii sa se faca in colaborare cu firmele, in functie de necesitatile aplicatiilor propuse de companii.

<p>Autentificarea automata in sisteme cloud externe Aplicatii: Aplicatii cloud diverse, asistenti personali personal ce</p>	<p>Descriere: Client-ul este o extensie sau aplicatie mobila cu un browser embedded</p> <p>Implementare: Datele de conectare sunt stocate pe device si cu un backup criptat in cloud</p>
--	--

<p>insoteste browsere web cu elemente de privacy avansate antitracking</p>	<p>Deployment: Fiecare utilizator are un tenant propriu intr-un ESB in cloud ce permite backup-ul datelor</p>
<p>Indexare documente private si crearea de dosare in functie de coreografii Aplicatii: Asistenti personali, sisteme avansate de management al documentelor</p>	<p>Descriere: indexarea si gasirea documentelor si informatiilor cloud. Sistem de integrare cu diverse servicii cloud. Interfata conversationala.</p> <p>Implementare: Agentul indexeaza toate documente cu caracter privat ale organizatiilor sau ale utilizatorului si stocheaza aceasta informatie intr-un nod. Agentul cere utilizatorilor potriviti introducerea de informatii sub forma de noi documente, copie documentele si le partajeaza conform coreografiilor implicate</p> <p>Deployment: Pentru fiecare tip de cloud trebuie dezvoltate integrari specifice. Fiecare utilizator si fiecare organizatie are un tenant propriu intr-un ESB din cloud ce permite salvarea si interogarea unor indici despre documentele cloud</p>
<p>Rularea unor algoritmi de recomandare Aplicatii: sisteme de recomandare cu caracteristici inalte de protectie a datelor personale incluse in aplicatii</p>	<p>Descriere: Sistem de recomandare cu date anonimizate.</p> <p>Implementare: Utilizatorul pastreaza raspunsuri la un set de intrebari si stocheaza raspunsurile intr-un safebox (in cloud sau pe device-uri). Folosind swarm-uri encrypted se colecteaza in mod anonimizat raspunsurile la chestionare. In functie de raspunsuri, reseaua poate</p> <p>Deployment: Federatii pentru recomandari. Safebox-uri si noduri de prelucrare anonimizata.</p>
<p>Servicii de trust distribuite Aplicatii: subsysteme ale aplicatiilor cloud ce ofera modelari ale trust-ului</p>	<p>Descriere: Serviciu de incredere P2P</p> <p>Implementare: Fiecare utilizator pastreaza intr-un safebox informatiile despre increderea acordata altor resurse (utilizatori, business-uri, produse, samd). Cind are nevoie de o decizie cu privire la un alt utilizator sau fata de o resursa, agentul utilizatorului poate sa interogheze reseaua de cunostinte despre nivelul de trust al acestora si sa-si faca propria opinie.</p> <p>Deployment: Federatie pentru calculul informatiilor de incredere!?</p>

<p>Retea sociala Aplicatii: Retele sociale incluse in platformele cloud ale aplicatiilor create cu PrivateSky</p>	<p>Descriere: Functionalitati similare cu a unei retele sociale dar datele private sunt pastrate mereu in safebox-uri controlate de utilizator.</p> <p>Implementare:</p> <ul style="list-style-type: none">● wall-uri controlate prin interactiuni intre agenti● partajarea continutului controlata si monitorizata de agenti● filtrarea mesajelor, diverse interactiuni si cautari de utilizatori conform unor profile este mediata de agenti in mod asincron <p>Deployment: Federatie cu furnizori de storage si procesare in cloud</p>
<p>Privacy For Benefits Aplicatii: sisteme de tip Privacy for Benefits care furnizeaza o recompensare catre utilizator a prelucrarilor de date private</p>	<p>Descriere: Experimente cu modele de afaceri care sa permita:</p> <ul style="list-style-type: none">- folosirea comerciala si stiintifica a datelor private anonimizate- beneficii pentru proprietarii datelor private <p>Implementare:</p> <ul style="list-style-type: none">● chestionare si suport pentru colectare date despre comportamentul utilizatorului● agregarea datelor in mod anonimizat● oferirea de beneficii pentru<ul style="list-style-type: none">○ preluarea de date in mod anonimizat○ prelucrarea de catre agentul personal a ofertelor○ decizii de cumparare luate prin intermediul agentului personal <p>Deployment: Federatie a furnizorilor de “beneficii”</p>