Technical Features of Project CZ0056 Electronic Systems of Judicial Academy (JA)

JUDr. PhDr. Antonín Komenda, Ph.D.















Stages of project – granting of financial support

- Decision on granting the financial support November 20, 2007. The project was planned to last 3 years and expected the following:
 - year 1: open competition for HW and SW, i.e. installation of servers and selection and installation of the LMS system (Learning Management System),
 - year 2: development and pilot testing of pilot study modules,
 - year 3: evaluation of pilot testing + development of the remaining study modules
- Since November 20, 2007 the efforts of JA to establish the Steering Committee and to launch the project.
- On March 6, 2008, the Ministry of finance of the Czech Republic and the Ministry of Foreign Affairs of Norway signed the Agreement on Project Realization for the period from November, 20, 2007 to April 30, 2011.















Stages of project - start

- It was planned to establish the Project Steering Committee composed of approximately 5 members.
- The Ministry of Justice appointed 11-member Steering Committee (SC), 1st meeting of SC took place on August 5, 2008.
- With respect to delays, the SC approved revised schedule of project activities on its meeting of September 18, 2008.
- The uncertainties were thus resolved and by the end of 2008 the tender for the selection of HW (servers) and SW (Learning Management System (LMS) enabling electronic training) was announced.
- From the technical point of view the project was prepared.
- From the formal point of view it was necessary to announce competition on outsourcing company that provides e-learning training through created LMS platform, provides training for authors of e-learning study modules and transfer of study modules into LMS electronic environment. As the project did not allow to pay internal employees for such services, it was necessary to choose an outsourcing company.
- Similar problem appeared in management of the project when it was planned to have an external manager. Two rounds of open competition for an external manager of the project were carried out in 2009. However, no one applied in the first round where the order price was not published, one applicant responded in the second round with the price stated but the contract was not concluded because the applicant finally required higher budget for management of the project.

















Stages of project - start

- SC was assessing the issue of external suppliers almost 3/4 quarters of 2009.
- With regard to the project delays the Steering Committee on its sessions in October-November 2009 decided to divide managerial activities and the management of the project was entrusted to:
 - Ing. Ladislav Mazák, the Project Manager
 - JUDr. PhDr. Antonín Komenda, PhD., the Manager for Technology and Distance Learning, and
 - PhDr. Renata Vystrčilová, PhD., the Manager for Methodology
- Before the end of the year the topics for the pilot modules were approved, their authors were chosen in the open competition and trained in writing e-learning study modules, contracts with them were concluded and authors sent first chapters of their modules for the evaluation.
- The open competition for outsourcing of the LMS was announced at the very end of 2009.

















Stages of project - realization

- In January 2010 on the basis of the lowest offered price the competition on outsourcing was won by the consortium of the Net University, Ltd. and the Faculty of Law of Palacký University in Olomouc.
- The 3rd year of the project started but from the perspective of the main aim it was, de facto, right at the beginning: during one year it was necessary to manage main project activities, originally planned to last two years:
- In 1st half of 2010:
 - Pilot study modules were implemented into electronic environment for the purposes of pilot testing;
 - Open competition was announced for the authors of all study modules;
 - Contract were concluded with new authors and new authors were trained in how to write e-learning study texts;
 - JA electronic systems were interconnected through one seamless access and one e-learning platform, so-called educational portal was created;
 - Except of the inner connection also external connection was created.
- In 2nd half of 2010 on the basis of study modules testing the range of topics was enlarged by new areas and contracts were concluded with more authors.
- Taking into account the fact that contracts were concluded individually, the template for writing e-learning texts was created supplemented with practical videos and animations.

















Stages of project – results

Project indicators	Plan	Present state
Number of participants of electronic training	1000	2076/2540 11164
- out of which participants of pilot testing	500	895
Number of pilot modules	10	15
Number of trained authors of e-learning modules	20	52
Number of study modules	60	105
Number of manuals how to work with JA electronic systems	3	6
JA informative website	1	1

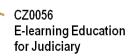
















Hw and Sw for JA's educational portal

- Hardware support: efficient server using top technology of virtual environment.
- Software support: the project requested an LMS system to contain:
 - TCP/IP communication protocol
 - LMS shall contain an internal system for creation of study content with the option to use third parties' tools (authorware).
 - At least one independent integrated communication system (not e-mail address.
 - Support for most used browsers (IE, Firefox, Chrome, Opera).
 - Testing system able to create dynamic tests for students.
 - Modular architecture of the system option to separate unused elements.
 - Scalability of the product possibility to accommodate increased load.
 - Overall operation of LMS without necessity to install complementary configurations – the use of only a compatible browser.
 - Implementation of course in SCORM2 format.
- By an open competition, LMS UNIFOR Live! was chosen for SW basis of the educational portal.

















Electronic systems in JA training

- ASJA Assistant System of Judicial Academy is an on-line registration system for the registration of participants of JA presence (face-to-face) training events. ASJA also is the main entrance gate into environment of electronic training (LMS); it has been created since 2007.
- LMS UNIFOR Learning Management System, accessible either through ASJA or independently.
- **TSU** Testing System is an electronic system enabling online testing and is suitable for the preparation on different types of testing or for actual testing; it has been created since 2007.

Advantages:

- One functional interconnected unit.
- Seamless access, with one username and login it is possible to go from one electronic system into another.
- Opportunity to access all electronic systems from the home JA webpage: http://www.jacz.cz/

















JA home webpage

JA websites

http://www.jacz.cz/



JUSTIČNÍ AKADEMIE

DOMŮ AKTUALITY KONTAKTY KNIHOVNA ASJA KALENDÁŘ AKCÍ



Hledat

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Aktuality

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<u>Rada JA</u> Ředitel JA

Fotogalerie

B. J. C. C. T. I.

Regionální učebny

Projekt EHP/Norska

infoDeska

Zajímavé odkazy

Dokumenty ke stažení

Další informační systémy

<u>Časté otázky</u>

Archiv www.justice.cz

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Konference s mezinárodním prvkem

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Zabezpečuje vzdělávání osob působících v okruhu působnosti resortu Ministerstva spravedlnosti. V oblasti vzdělávání dále koordinuje činnost s činností soudů, státních zastupitelství a dalších institucí.

Organizuje a provádí odborné vzdělání soudců a státních zástupců, vzdělávání a výchovu justičních a právních čekatelů, a dalších osob, u nichž tak stanoví zvláštní právní předpis nebo ministerstvo.

Analyzuje a zkoumá potřeby a požadavky soudců, státních zástupců a dalších profesních skupin a informuje o veškerých chystaných vzdělávacích akcích.

Zveřejňuje výsledky hodnocení uskutečněných vzdělávacích akcí.



PROCES VZDĚLÁVÁNÍ

STATUT JUSTIČNÍ AKADEMIE

ORGANIZAČNÍ STRUKTURA JA

JUSTIČNÍ AKADEMIE A EVROPSKÁ JUSTIČNÍ VZDĚLÁVACÍ SÍŤ





VÝŽIVNÉ



PODĚKOVÁNÍ













CZ0056 E-learning Education for Judiciary

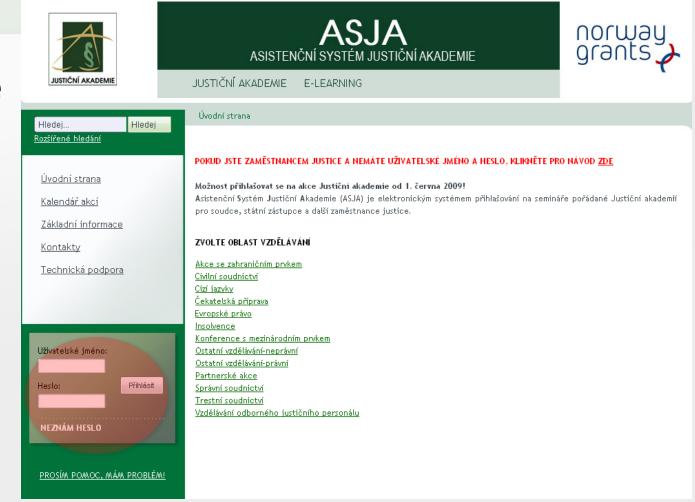




Assistant System of Judicial Academy

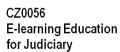
ASJA webpage

http://asja.jacz.cz/













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LMS UNIFOR

UNIFOR webpage

http://unifor.jacz.cz/



















Testing System - TSU

TSU webpage

http://tsu.jacz.cz/











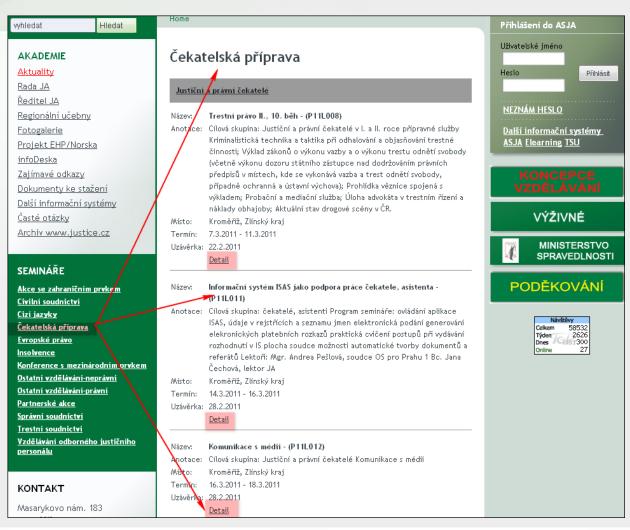


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Training events on JA websites







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Bound study modules

- ASJA is primarily used for registration to face-to-face training.
- E-learning study modules used for training are of two different modes: bound and open.
- Bound study modules are part of blended learning, which combines face-to-face learning with e-learning. The study module in ASJA is bound with an individual training event/course and is an integral part of it (e.g. before participating in such a course the participant must study one/more theoretical part(s) of the bound module).
- Blended learning training events/courses can be in ASJA easily identified because there is a sign indicating which event/course is supplemented with an e-learning study text:

13.10.2010 <equation-block></equation-block>	<u>detail</u>
21.10.2010 Psychologie výslechu dospělých (PŘESUNUTO z data 1516.9.2010) (N10K036)	<u>detail</u>
10.11.2010 <equation-block> Psychologie výslechu dospělých (N10K046)</equation-block>	<u>detail</u>
22.11.2010 😂 Psychologie výslechu dítěte (N10K049)	<u>detail</u>















Open study modules

- Open study modules are not bound in ASJA with courses and are aimed to be open for an individual self study.
- Self study is conducted by instructions contained in the study modules created by authors of the study texts.
- Unlike ordinary textbooks converted into electronic environment, the modules have several distinctive features:
 - student guidance,
 - designed for adult students and
 - produced with methodology developed for writing distance e-learning study texts.
- Student sign up for open study modules voluntarily, by subjective motivation (unlike bound modules): no one is obliged to attend – there is merely an offer and option to choose the text and start studying.







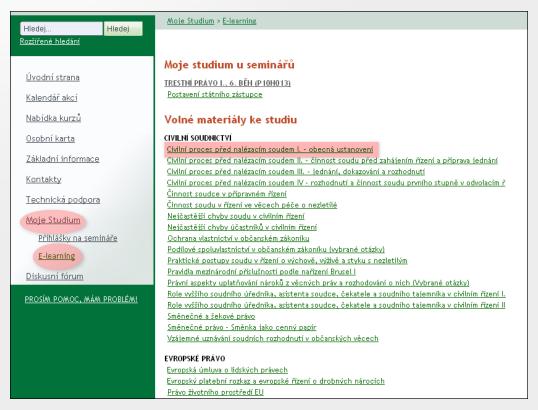






Study is easy

 As easy as to access ASJA, make three clicks and start studying

















Connection to LMS UNIFOR













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Present results once again

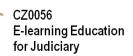
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Participants of Training

- Participants: 2076/2540/11164
- In ASJA on February 22, 2011 registered in total 11164 users from the judiciary (including trainers).
- Total number of users registered into electronic environment of the JA educational portal (including those who had registered but did not start to study):
 - Modules bound with courses: 362
 - Open modules: 2178
 - Total: 2540
- Total number of active users registered in electronic environment of the JA educational portal including those who not only registered but also started to study the modules:
 - Modules bound with courses: 362
 - Open modules: 1714
 - Total: 2076

















Bound vs. open modules

- Bound modules: 15 modules
 - total 362 participants
 - Out of which 232 women, 130 men
- Open modules: 45 modules (as on February 22, 2011)
 - Total number of 2178 users registered in LMS
 - Total number of 1714 active users:
 - out of which 1004 women, 710 men; including:
 - 491 judges,
 - 210 prosecutors,
 - 320 judicial and legal trainees, higher judicial clerks,
 - 506 assistants.















Pilot modules

- 1. Czech judicial system I.
- 2. Czech judicial system II.
- 3. Data Boxes I.
- 4. Data Boxes II.
- 5. English for Judicial Purposes General Module
- 6. English for Judicial Purposes Civil Module
- 7. English for Judicial Purposes Criminal Module
- 8. European Convention on Human Rights
- 9. International cooperation in criminal matters
- 10. Mutual recognition of judgments in civil matters I.
- 11. Mutual recognition of judgments in civil matters II.
- 12. Position of state prosecutor
- 13. Psychology
- 14. Psychology of an individual
- 15. Punishment of home arrest

More details see on attached CD that contains off-line versions of modules.















Participants in testing of pilot modules

- Plan: 500 participants in pilot testing
 Pilot testing results:
- Bound modules: 362
- Open modules: 533
- Total number of participants in pilot testing: 895











http://www.jacz.cz/















