Projects and Products Portal for Leonardo da Vinci

European Certification of ICT Skills for People with mental Disabilities

133948-LLP-2007-PL-Leonardo-LMP

http://www.adam-europe.eu/adam/project/view.htm?prj=4324

Project Information

Title: European Certification of ICT Skills for People with mental Disabilities

Project Number: 133948-LLP-2007-PL-Leonardo-LMP

Year: 2007

Project Type: Development of Innovation

Status: running

Country: EU-Centralised Projects

Marketing Text: Intellectual disabled people must be integral part of the society. ICT skills are gateway to today's world and information society also for intellectual disabled people. There are some ICT school programmes for this target group, but majority of young disabled people gets informal education in using new technology. There is lack of formal structures and tools to assess their ICT skills acquired through formal, non-formal and informal education. The overall aim of the project is to include mentally disabled people in the information society and in this way decrease e-skills gap (digital divide) which is being particularly noticeable among this target group. To include intellectual disabled people in the information society means also to make the society aware of such a possibility. The partnership will prepare diagnostic tool to assess ICT skills of the young intellectual disabled people and then procedures for certification .

Summary: The problem identified by the partnership might be defined as exclusion of intellectual disabled people form information society by depriving them of formal structures and tools to undergo assessment of their ICT skills acquired through formal, non-formal and informal education. That is why the main aim of the project is to include this particular group in information society and in this way prevent them from becoming the most disprivillaged society members. The main aim is going to be achieved by:
• development of certification framework, which will allow institutions to run internationally recognized examinations,
• creation of online testing environment which will help in assessing ICT skills
• creation of administration environment which will help in administrating the whole process
• training institutions to run certified examinations and use the tool.
Project is addressed to different types of educational institutions and thus to people working there as: teachers, administratives, managers etc. All those institutions are linked to the special education sector (special schools, faculties of education, NGO's). Long term target group includes persons with intelectual disabilities, their parents and employers. In order to ensure the certificate to become European recognized mandate for intellectual disabled youngsters number of dissemination and exploitation activities will be undertaken, among them setting up nets of supporting partners on national and international level, organizing international conference, publication and information activities.

Description: Intellectual disabled people must be integral part of the society. ICT skills are gateway to today's world and information society also for intellectual disabled people. There are some ICT school programmes for this target group, but majority of young disabled people gets informal education in using new technology. There is lack of formal structures and tools to assess their ICT skills acquired through formal, non-formal and informal education. The overall aim of the project is to include mentally disabled people in the information society and in this way decrease e-skills gap (digital divide) which is being particularly noticeable among this target group. To include intellectual disabled people in the information society means also to make the society aware of such a possibility. The partnership will prepare diagnostic tool to assess ICT skills of the young intellectual disabled people and then procedures for certification .

Target groups:
- Youngsters with intellectual disabilities who would like to proof their ICT skills
- parents who might be interested in measuring the ICT competences of their disabled children with special needs

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- institutions (mainly educational) which would like to start running certificate examinations.
- teachers (especially IT teachers), assistants, school managers, and also therapists who run rehabilitation , inclusive programmes based on ICT
- higher education institutions, which may take the decision of becoming certification centres.

Innovative character of the project
New idea – project develops new idea on assessing ICT skills of people with intellectual disability by establishing patterns of assessment and possible ways of certification. The project focuses on practically unexplored subject of ICT for the benefit of people with intellectual disability. ICT skills of this target group neither have been formally assessed so far, nor certificated in any way, especially in the framework of internationally recognized certificate. This outcome refers definitely to the second aspect of innovation - new method – nobody tried to assess ICT skills of this group in the scope of the certified examinations and with the support of the online tool. New device - The project will provide youngsters with intellectual disability with online tool which is totally new, created especially for the purpose of the project. The tool will be constructed in a way which will allow even users with no reading skills use it and take benefits of it.

Themes: *** ICT
** Equal opportunities
* Others
* Access for disadvantaged

Sectors: * Information and Communication

Product Types: open and distance learning
others
website

Product information: - Description of the ICT skills relevant for young people with intelectuall disability- The set of identified and described skills will be grouped according to the level of disability
- On-line testing tool- will have following options: definition of competences, creation of test-questions, assign test-questions to a
competence test (a competence test consists of several questions, testing a specific competence), assign the competence test to a candidate. The competence test will be supervised by a coach testing tool which will be used by teachers assessing ICT skills of people with intellectual disabilities as well as for those being in charge of administration of certified examinations. The pedagogical part is a base for technicians to develop the tool which will act as a support in assessing ICT skills. Testing portal will work as an interactive assessment tool, while administrative portal will be used by assessors to handle the individual screening and certification process
- On-line administrative platform – This portal will be developed in order to facilitate administrators and teachers work with examinations and testing procedures. The portal will allow all organizations to register clients, choose clients, assign tests to each client or the group of clients, make examination reports and prepare progress reports of each client. Since Administrative portal will be delivered only in English, that is why basic English knowledge is necessary.
- Examination procedures and documents- set of procedures which must be obeyed in order to run the examination and to take part in it and set of documents which will be used by applicants to register for the examination (registration form, contract, certificate, etc).
- Recommendations on potential certification bodies - set of criteria that institutions have to meet and examples of potential certification bodies, which would run the certificated examinations in each partner country, definition the selection criteria: sector, scope, link to the long term target groups.
- Implementation guide: will consist of two major parts: PART I (General information on the situation of mentally disabled persons with regards to ICT, Description of all ICT skills), PART II (description of the tool which is testing tool and administration portal, description of procedures within the examination process, examples of

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certificates, contact details, dissemination hints).
- Training programme for teachers, who will provide certification– The training will be delivered in the scope of the project, that is why it is important to develop common training programme which will be used by partners to assure high quality of the training. Training programme will include stetting up the final competences trainees will have, didactical material, content of the training as well as teaching methods.
- Training materials for teachers - will be available for trainees during the training in paper version. Training materials will include Power Point presentation. After the training is finished they will be available on the internet.

Projecthomepage: http://www.easyict.eu/

Project Contractor

Name:	Spoeczna Wysza Szkoa Przedsibiorczoci i Zarzdzania w odzi
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Partner

Partner 1

Name: Social Innovative Network Dr. Pretis
City: Graz
Country/Region: Styria
Country: AT-Austria
Organization Type: continuing training institution
Homepage: http://www.sinn-evaluation.at

Partner 2

Name: Kutahya Local Education Directorate
City: Kutahya
Country/Region: Bursa
Country: TR-Turkey
Organization Type: public institution
Homepage:

Partner 3

Name: ACCADEMIA PSICOLOGIA APPLICATA
City: Palermo
Country/Region: Sicilia
Country: IT-Italy
Organization Type: others
Homepage: http://www.psicologia-applicata.it

Partner 4

Name: Katholieke Hogeschool Kempen
City: Geel
Country/Region: Antwerpen
Country: BE-Belgium
Organization Type: university/Fachhochschule/academy
Homepage: http://www.khk.be

Products

1 Report on the state of the art

2 Syllabus (Set of described skills)

3 Online administration platform

4 Online testing tool

5 Analysis of existing paths of certifications

6 Examination procedures + Examination documents

7 Implementation guide

8 Website of the project

9 Public part of the Progress Report

10 Training materials

11 Training programme

12 Recommendation on the potential certification bodies

Product 'Report on the state of the art'

Title:	Report on the state of the art
Product Type:	others
Marketing Text:	This is report based on the desck research and interviews made in 5 countries: Poland, belgium, Austria, Turkey and Italy. Report shows presents situation of useing ICT technologies in teaching intelectual disabled pupils and students.
Description:	This is report based on the desck research and interviews made in 5 countries: Poland, belgium, Austria, Turkey and Italy. Report shows presents situation of useing ICT technologies in teaching intelectual disabled pupils and students.
Target group:	Teachers, Academic staff
Result:	
Area of application:	Giving overview of the currect situation in eductaion in using ICT technologies for intellectual disabled students
Homepage:	http://www.easyict.eu
Product Languages:	English

product files

Result nr 3- Report on State of the art.pdf

http://www.adam-europe.eu/prj/4324/prd/1/1/Result%20nr%203-%20Report%20on%20State%20of%20the%20art.pdf

Product 'Syllabus (Set of described skills)'

Title:	Syllabus (Set of described skills)
Product Type:	program or curricula
Marketing Text:	Collection of ICT skills using for certification intellectual disabled students. Skills are divaded into 4 groups, by the level of intellectual disability.
Description:	Collection of ICT skills using for certification intellectual disabled students. Skills are divaded into 4 groups, by the level of intellectual disability.
Target group:	Teachers working with intelectual disabled children, head of the schools, parents, certification bodies
Result:	
Area of application:	Set of skills is using for on-line cerificalion of the intellectual disabled students.
Homepage:	http://certificate.easyict.eu/
Product Languages:	Polish Italian German Dutch Turkish English

Product 'Online administration platform'

Title:	Online administration platform
Product Type:	open and distance learning
Marketing Text:	Open source platform-Doceos, where is uploded tool for certification ICT skills of the intellectual disabled students.
Description:	Administrative portal – This portal developed in order to facilitate administrators and teachers work with examinations and testing procedures. The portal allows all organizations to register clients, choose clients, assign tests to each client or the group of clients, make examination reports and prepare progress reports of each client
Target group:	Teachers, Schools, Certification bodies
Result:	
Area of application:	Its is a place where certification tool is uploaded.
Homepage:	http://certificate.easyict.eu/
Product Languages:	English Polish Italian Turkish Dutch German

Product 'Online testing tool'

Title:	Online testing tool
Product Type:	open and distance learning
Marketing Text:	It is online tool, which allowes identify, verify and certificate ICT skills of the intellectual disabled students.
Description:	Tool has following options: definition of competences, creation of test-questions, assign test-questions to a competence test (a competence test consists of several questions, testing a specific competence), assign the competence test to a candidate. The competence test will be supervised by a coach. The coach can clarify the test to be performed if the candidate has trouble understanding the screen. Each test-question can be skipped when the coach evaluates that the candidate cannot answer the test-question in the right manner. After the test termination, the coach will get a result, showing the list of passes/failed test-questions.
Target group:	Teachers working with intellectual disabled students, schools, certification bodies
Result:	
Area of application:	It is tool for certification ICT of the intellectual disabled students.
Homepage:	http://certificate.easyict.eu/
Product Languages:	Dutch Italian Turkish German Polish English

Product 'Analysis of existing paths of certifications'

Title:	Analysis of existing paths of certifications
Product Type:	material for open learning
Marketing Text:	It is report about exisiting paths of certification for ICT skills and certyfication addressed to the intellectual disabled people.
Description:	In the report existing paths of certifications are examined. Analysis will allow to compare different solutions in this area and base the created certification framework on the basis of the best approach.
Target group:	Teachers, schools, certification bodies, academic staff
Result:	
Area of application:	Additional material for people interested in certifcation system offered to the intellectual disabled students
Homepage:	http://www.easyict.eu/default.aspx?lg=en-US
Product Languages:	English

product files

Result nr 7- Analysis of exiting certification pathways.pdf

http://www.adam-europe.eu/prj/4324/prd/5/1/Result%20nr%207-%20Analysis%20of%20exiting%20certification%20pathways.pdf

Product 'Examination procedures + Examination documents'

Title:	Examination procedures + Examination documents
Product Type:	transparency and certification
Marketing Text:	Set of the procedures, which explain how the certification with EacyICT tool should be run
Description:	Set of procedures which must be obeyed in order to run the examination and to take part in it
Target group:	Teachers, Schools, Certification bodies
Result:	
Area of application:	It is document addresed to the teachers involevd in the EasyICT certification
Homepage:	
Product Languages:	Turkish Italian Polish Dutch English German

Product 'Implementation guide'

Title:	Implementation guide
Product Type:	material for open learning
Marketing Text:	It is practical guide for teacher and administrators how to use EASY ICT platform for certification
Description:	It consist teachnical hints how to use all functions of the platform . Version for administrator is larger then for teachers.
Target group:	Teachers, schools, Certification bodies
Result:	
Area of application:	It is support in using EasyICT platform
Homepage:	http://certificate.easyict.eu/
Product Languages:	German Dutch Polish Italian Turkish English

Product 'Website of the project'

Title:	Website of the project
Product Type:	website
Marketing Text:	Website tells you about the project and guide you to the certification EASY ICT platform.
Description:	Web site consist basic information about the projct, some documents could downloaded from, but the main function is to guide you directly to the EasyICT certification platform. There will be also restricted area for partner users. In log in area all documents necessary for managerial activities will be placed. Since there is only English basic version delivered in this WP, it will be used by conference attendance and people outside partner countries.
Target group:	General audience
Result:	
Area of application:	Dissemination of the project and EasyICT platform
Homepage:	http://www.easyict.eu
Product Languages:	Italian Polish Turkish English Dutch German

Product 'Public part of the Progress Report'

Title:	Public part of the Progress Report
Product Type:	others
Marketing Text:	This is general description of the project
Description:	This is the public part of the Progress Report sent to the Executive Agency in December 2009
Target group:	General Audience
Result:	
Area of application:	
Homepage:	
Product Languages:	English

product files

Public_Part_report.doc

http://www.adam-europe.eu/prj/4324/prd/9/1/Public_Part_report.doc

Product 'Training materials'

Title:	Training materials
Product Type:	teaching material
Marketing Text:	It is additional material for teachers, who would like support students with the intellectual disabilities who have difficulties with the particular ICT skills.
Description:	There is list which linking ICT skills with the supporting educational materials. Teacher could use it, when he/she realise that students is not able to fulfill the task. Then he/she could work with students to train this particular skill. All recommended materials are free of charge
Target group:	Teachers working with the intellectual disabled students on the ICT skills
Result:	
Area of application:	Educational support materials
Homepage:	http://certificate.easyict.eu/
Product Languages:	Dutch English German Italian Polish Turkish

Product 'Training programme'

Title:	Training programme
Product Type:	teaching material
Marketing Text:	It is guide for the teachers working on the EASY ICT platform. It shows what ICT skills mean in ICT practice and how to ask intellectual disabled student to proof that he/she really has such skills
Description:	It is guide for the teachers working on the EASY ICT platform. It shows what ICT skills mean in ICT practice and how to ask intellectual disabled student to proof that he/she really has such skills
Target group:	Teachers working with intellectual dissabled students on ICT certification
Result:	
Area of application:	Explanation how to link theoretical name of the ICT skill with concrete acticity
Homepage:	http://certificate.easyict.eu/
Product Languages:	

Product 'Recommendation on the potential certification bodies'

Title:	Recommendation on the potential certification bodies
Product Type:	transparency and certification
Marketing Text:	It is set of advises how to start working with EASY ICT certification system for interested educational institution
Description:	It is set of advises how to start working with EASY ICT certification system for interested educational institution
Target group:	Educational institutions intereste din certification ICT skills among intellectual disabled students
Result:	
Area of application:	Additional material about implementation of the certification system
Homepage:	http://www.easyict.eu/default.aspx?ids=103&idd=A71~72~141&tp=EI_AboutUSMENU&lg=en-US
Product Languages:	English

product files

Result nr 10- Reccomendation on potential certification bodies.pdf

http://www.adam-europe.eu/prj/4324/prd/12/1/Result%20nr%2010-%20Reccomendation%20on%20potential%20certification%20bodies.pdf

Events

Final Dissemination Conference in Turkey

Date	01.10.2009
Description	This conference was held in Kutahya in Turkey on 1.10.2009. The aim of the conference was dissemination and demonstration of the EasyICT certification platfrom. Second part of the Conference was focused on teaching situation intellectual disabled people in Turkey
Target audience	Teachers, Parents of the intellectual disabled students, Academic staff
Public	Event is open to the public
Contact Information	
Time and place	1.10.2009, Kutahya, Turley