



ViPi - VIRTUAL PORTAL FOR INTERACTION AND ICT TRAINING FOR PEOPLE WITH DISABILITIES

Final SYMPOSIUM of the ViPi & ATLEC projects
2/12/2013, VLEVA Brussels, Belgium, www.vipi-project.eu

511792-LLP-1-2010-1-GR-KA3-KA3NW

ViPi PLATFORM

- **A “one-stop-shop” interactive portal & learning environment (online and via Android mobile) that delivers:**
 - a multilingual platform (English, Dutch, Greek, Lithuanian)
 - an embedded social community (VET centres, PwD, ICT training centres)
 - accessible (WCAG 2.0) online learning and training environment for trainees and trainers
 - an interactive and large repository of Learning Objects
 - Web 2.0 supported social services and Web 3.0 for semantically enriched content
- **Bring together key stakeholders and gatekeepers (VET, target groups, umbrella organizations)**

ViPi Portal

Accessible through:

<http://vipi-skills.eu/>

<http://vipi-skills.eu/portal/>

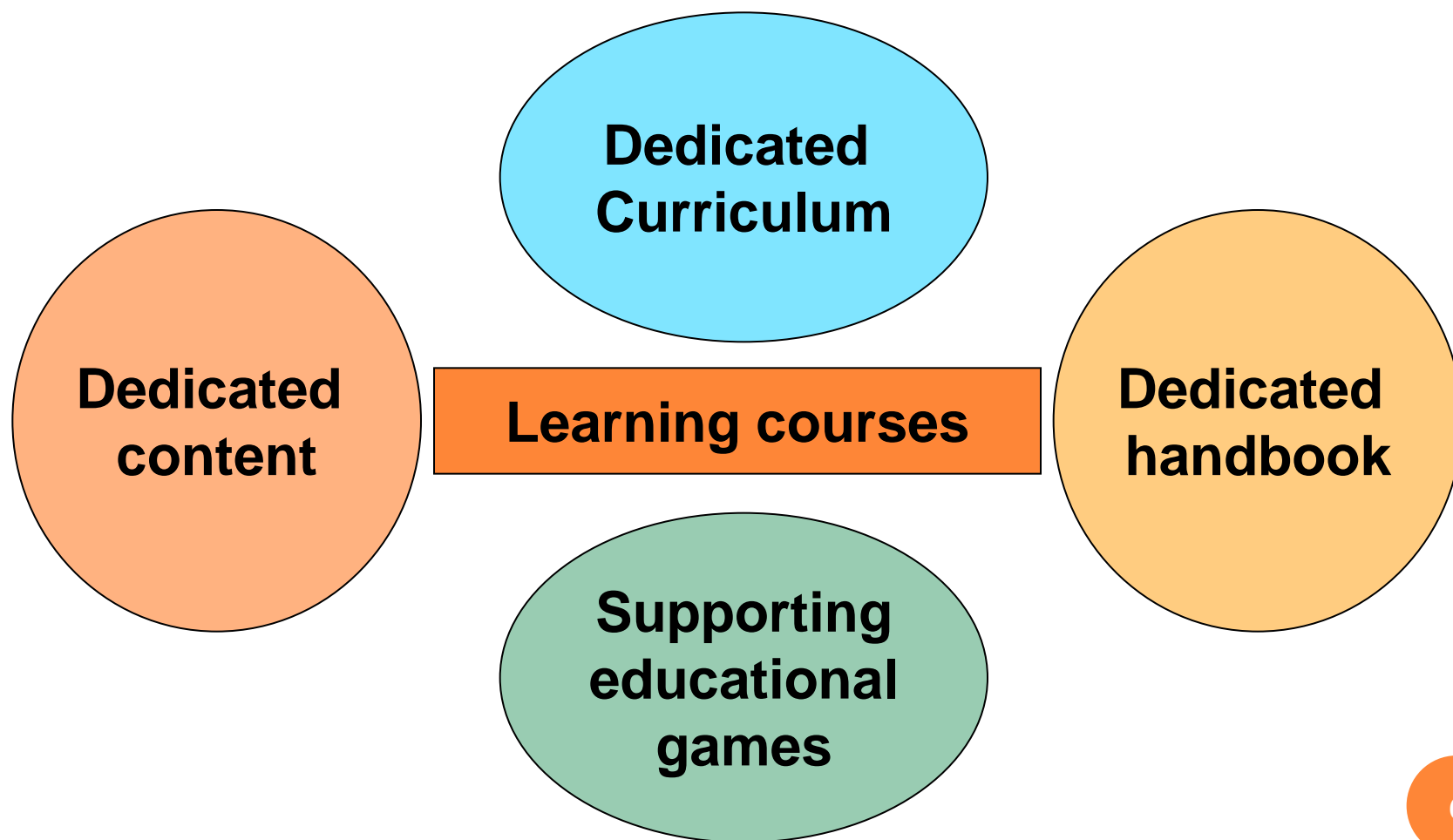
TECHNICAL APPROACH



LEARNING OBJECT REPOSITORY AND ONLINE COMMUNITY

- **Get the right learning course for your pupils, yourself, your family**
 - Allows very targeted searching “For who, for what, which format, which language”
 - Repository of games, Apps, links related to different kinds of disabilities (vision, hearing, speech, mobility, cognitive)
 - Bringing together outcomes of past projects
- **Exchange best practices with other stakeholders**
 - Online community
 - Also transposed to mobile

ONLINE LEARNING COMMUNITY



ONLINE LEARNING COMMUNITY

○ Learning courses

- Dedicated curriculum
 - Basic ICT skills learning
 - Different disabilities
- Dedicated content
 - Customised to different end-user groups
 - Different modes
- Dedicated handbook
 - For tutors, family, friends
- Supported with educational games
 - Flash & Android

DEVELOPED USING OPEN SOURCE TECHNOLOGIES

Technical

- Open Source



BuddyPress




Curriculum under creative common license schema

- Content in different languages
- Use what we deliver and make it better!



Browsing through ViPi Portal



ViPi pages

Home

About

News Feed

Learning Objects


Activity

Members

User Groups

Contact


Profile



by *admin*


ViPi pilots started

06/06/2013 in [Home Page](#), [News Feed](#)




Participants in the Belgian pilot training sessions

Post's category
 Pilot training sessions of ViPi are now becoming active in Belgium (Ypres), Cyprus, Greece (Athens), Lithuania (Vilnius) and the United Kingdom (Nottingham). If you want to participate as well, [contact us](#).





 [Flag this post as inappropriate](#)

Post's comments
[1 Comment >](#)


Welcome, demo demo



[Log out](#)


Languages

 English
 Nederlands (Dutch)
 Ελληνικά (Greek)
 Lithuanian

Training Environment
[Online courses](#)

Funding






by *admin*

Yes, I can! ICT and ICT-AT skills development for all – even

06/06/2013 in [Home Page](#), [News Feed](#)

Final symposium of the ViPi and ATLEC projects.

Date: 4 December 2013
Venue: VLEVA (Vlaams-Europees verbindingagentschap vzw), Kortenberglaan 71, 1000 Brussels, Belgium
Participants: 100-120
Duration: 9:00 hours – 18:00 hours

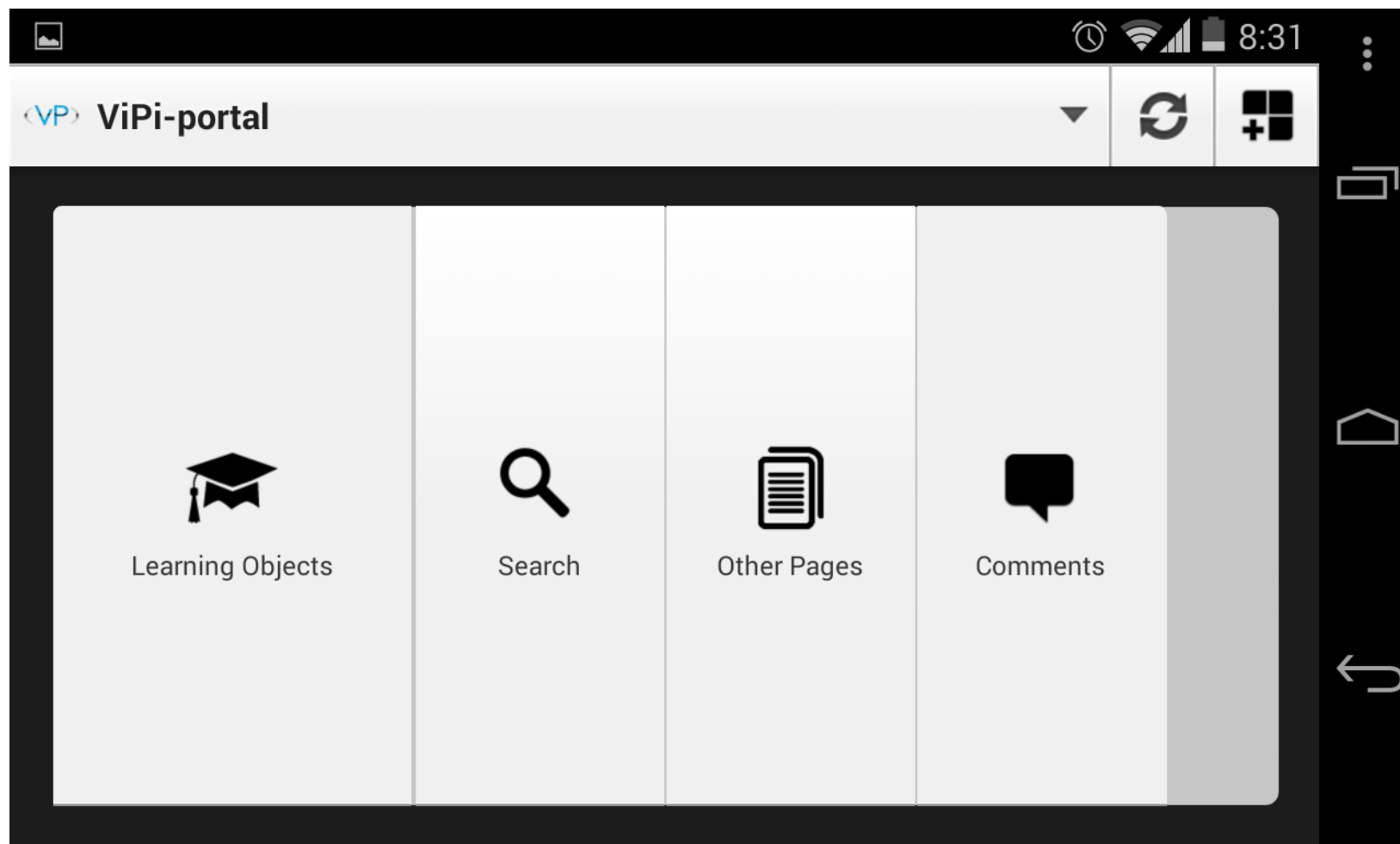
Two European lifelong learning projects (the ViPi and ATLEC project) will come to an end and the final Symposium will present their outcomes within a wider framework of learning, employment and independent living for people with disabilities.

Online training environment
[Online training environment](#)

Post's content

Funding

Browsing through ViPi Portal



USER ROLES

- Available roles: “Administrator”, “Trainer”, “Trainee”
- Each user is set by default as a “Trainee”
- Administrator may change a user’s role to “Trainer” or “Content Provider”
- Synchronization with ATutor’s roles

ViPi role	ATutor role
Administrator	Administrator
Trainer	Instructor
Trainee	Student

REGISTRATION

Please [create an account](#) to get started.

Username

Password

☐ Remember Me

Log In

- Registration requires email confirmation
- Supported user roles: Trainee (default), Trainer, Content Provider

Create an Account

Registering for this site is easy, just fill in the fields below and we'll get a new account set up for you in no time.

Account Details

Username (required)

george

Email Address (required)

george@gmail.com

Choose a Password (required)

Confirm Password (required)

Profile Details

Name (required)

George

PROFILE ANNOTATION

- Accessible through the front page
- Describe profile and preferences
- Drag and drop style annotation

My profile description and preferences

Please, drag appropriate terms from the left to the right, to describe your profile and preferences. Select a node and press "del" on your keyboard to delete an annotation.

Myself and my preferences

- + Skills in ICT
- + Assistive device
- + Type of impairment or limitation
- + User profile
- + Language
- + Payment method
- + Accreditation type
- + Accessibility level
- + Age group

My profile description and preferences

- + My profile description and preferences

VIPI PORTAL LANGUAGE SELECTION

○ Available languages:

- English
- Dutch
- Greek
- Lithuanian

Language

-  [English](#)
-  [Nederlands](#)
-  [Ελληνικά](#)
-  [Lithuanian](#)

- The whole platform is translated to the selected language
- Whenever a new post is submitted, user is prompted to provide appropriate content in the four supported languages

ViPi PORTAL PAGES - NEWS FEED

- Recent news submitted under the corresponding “News” category

[Home](#) [About](#) [News Feed](#) [Learning Objects](#) [Activity](#) [Members](#) [User Groups](#) [Contact](#)

News Feed

European survey on training and usage of Assistive Technologies

July 1, 2012 2:57 pm in [News Feed](#)
***** (No Ratings Yet)

The use of Assistive Technology (AT) has greatly increased over the last few years especially in the field of ICT-AT. Assistive Technology can be liberating for the person who is using the equipment as well as for their parent or carer, but all too often the equipment is not being used to its full capabilities.


The results of recent surveys with AT users and specialists throughout Europe have highlighted that the lack of appropriate or sufficient training is the core barrier towards using AT by end-users. This lack of training is subsequently also recognised as the main barrier to securing or maintaining employment within a regular working environment.

A number of training initiatives exist but they mainly address training of the trainers and professionals working with people with disabilities, and not the actual beneficiaries (people with disabilities), who remain largely unaware of the huge range of available ICT-AT or of the potential it provides for them to build their skills, their employability or their independence.





ATLEC (Assistive Technology Learning Through a Unified Curriculum – www.atlec-project.eu), partially financed by the EU Lifelong Learning programme, aims to fill this gap and will focus on training the learners in specific skills, tailored to their individual and employability needs, whilst also creating the job profile of an ICT AT trainer, therefore giving disabled people another route into employment or self-employment.

The unique part of this project is that the curriculum developed will be end-user led so that ultimately it meets the needs of any potential users.

To better grasp the problems with current training practices (or the lack of), we launched a survey that is targeted towards:

[demo user](#)
[Log Out](#)
Home > News Feed

Language

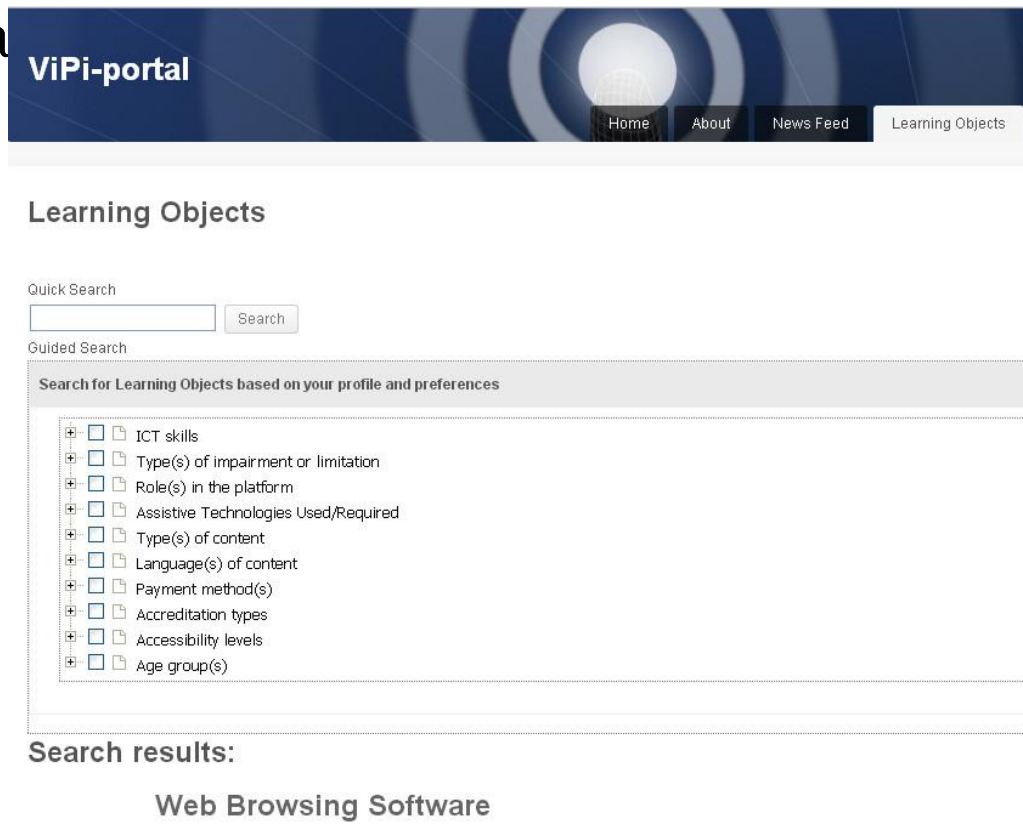
-  [English](#)
-  [Nederlands](#)
-  [Ελληνικά](#)
-  [Lithuanian](#)

Training Environment

- [Access to the online Training Environment](#)

ViPi PORTAL PAGES - LEARNING OBJECTS

- All posts submitted under the “Learning Object” category that actually comprise the core content of the ViPi portal



ViPi-portal

Home About News Feed Learning Objects

Learning Objects

Quick Search

Search

Guided Search

Search for Learning Objects based on your profile and preferences

- ☐ ☐ ICT skills
- ☐ ☐ Type(s) of impairment or limitation
- ☐ ☐ Role(s) in the platform
- ☐ ☐ Assistive Technologies Used/Required
- ☐ ☐ Type(s) of content
- ☐ ☐ Language(s) of content
- ☐ ☐ Payment method(s)
- ☐ ☐ Accreditation types
- ☐ ☐ Accessibility levels
- ☐ ☐ Age group(s)

Search results:

Web Browsing Software

ViPi PORTAL PAGES - LEARNING OBJECTS

Fly Swat Game

08/07/2013 in [Learning Object](#)

★★★★★ 1 vote, 4.00 avg. rating (78% score)

The Game

Swat the flies using mouse, keyboard – or your assistive technology! Swat as many flies as you can in one minute.

Justification

Fly swat has been developed to meet the needs of people with both physical and learning disabilities. It provides a means to develop and assess skills relating to awareness of ICT, understanding the concept of cause and effect within ICT, and provides also a means of practicing skills with input technologies (mouse and keyboard, and other assistive devices which may be used), and improving timing and co-ordination with the ICT technology.

Technology

The game is developed in JavaScript and HTML5 running in a web browser. It is available to play online at <http://software.isrg.org.uk/vipi/flyswat/FlySwatIndex.html>.

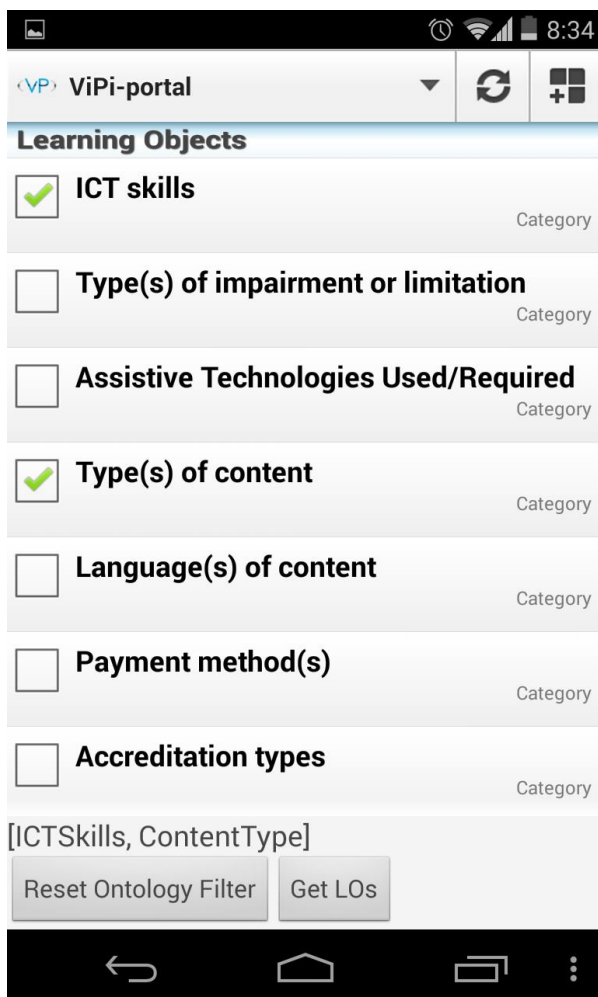
Concept

Fly swat is a game based around the principle of watching and swatting a fly. The fly has several modes of movement to map to tracking modes that are required by the pre-GCSE level guidelines, including horizontal, vertical, following an expected route, and random. The swat also has several movement modes. It can be stationary, auto track the fly in one axis (to allow one key/one click gameplay) or be moved left and right by either following the mouse or by key presses. These are described as either 'user control' or 'one' touch' mode. In 'user control' mode the swat is moved manually by mouse or keyboard. In 'one-touch' mode the swat either moves automatically or is fixed and the gameplay is about timing of swatting the fly at the right moment.



Fly Swat game screenshot

Browsing through ViPi Portal



VP ViPi-portal

Learning Objects

- ☒ **ICT skills** Category
- ☐ **Type(s) of impairment or limitation** Category
- ☐ **Assistive Technologies Used/Required** Category
- ☒ **Type(s) of content** Category
- ☐ **Language(s) of content** Category
- ☐ **Payment method(s)** Category
- ☐ **Accreditation types** Category

[ICTSkills, ContentType]

Reset Ontology Filter Get LOs



VP ViPi-portal

- Go On UK (go-on.co.uk) Basic training for going online** Learning Object
- ViPi Basic ICT Skills course** Learning Object
- iComm** Learning Object
- First Then Visual Schedule** Learning Object
- Digital Unite Guides** Learning Object
- Memobile** Learning Object
- ACE Centre - SpeechBubble** Learning Object
- Educational and fun apps for kids by Jannie Teacher** Learning Object
- BioAid - The Biologically-Inspired Hearing Aid** Learning Object

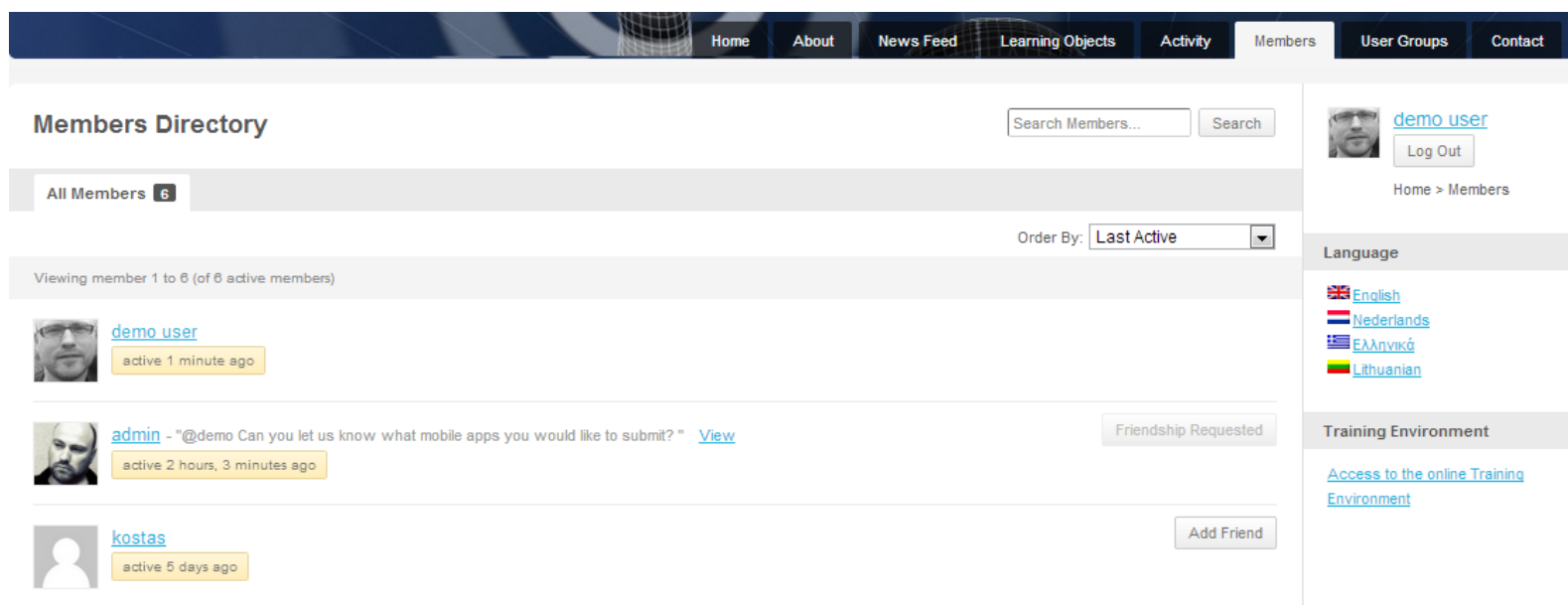
ViPi PORTAL PAGES - ACTIVITY

- Overview of the user recent activity on the portal
- Part of the embedded social community for VET centres, PwD, ICT training centres, etc.



ViPi PORTAL PAGES - MEMBERS

- Overview of all registered portal users
- Also part of the embedded social community mechanism



LO SUBMISSION IN VIPI PORTAL (IV)

- “Drag and drop” style is supported for LO annotation – appoint specific characteristics to each LO

Semantic annotations

Search for Learning Objects based on your profile and preferences

+

ICT skills

+

Type(s) of impairment or limitation

+

Role(s) in the platform

+

Assistive Technologies Used/Required

+

Type(s) of content

+

Language(s) of content

+

Payment method(s)

+

Accreditation types

+

Accessibility levels

+

Age group(s)

Semantic description

+

Semantic description

Drag concepts from "VSCM ontology" tree and drop them into "Semantic description" tree. Select a node and press "d" on your keyboard to annotate. Select a node and press "del" on your keyboard to delete an annotation. The maximum allowed upload LO size is 2MB.

CONNECTION WITH POPULAR SOCIAL NETWORKS

- Each post may also be published into the three most popular social networks: Facebook, Twitter and Google+



VIPI ONLINE TRAINING ENVIRONMENT

- Based on the ATutor learning platform
- It may be accessed by a link available in every portal page
- Single-sign-on capability implemented:
 - Registration to the platform through WordPress automatically creates a corresponding account in ATutor
 - Login is allowed in both platforms: Logging in to WordPress automatically logs user to ATutor, and vice versa

Training Environment

[Access to the online Training Environment](#)

MORE INFORMATION:

- Official web page: **www.vipi-project.eu**
- Twitter: **[Twitter.com/ViPi_project](https://twitter.com/ViPi_project)**
- Facebook: **facebook.com/vipiproject**

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