What is PILOT?

Promoting Interactive Learning in an Online environment

An online interactive multimedia learning environment to complement face-to-face classroom interactions
Features

- A Web-based platform
- Sharable teaching materials (共享教學資源)
- Use / Reuse existing materials to create a new materials (資源組合)
- Synchronize videos with MS PowerPoint slides or contents created in Pilot (影片與投影片同步)
A Web-based Platform

Through a web browser,

*Creators (Educators)* can:
Upload / Manage / Create teaching materials,
Obtain feedbacks, etc

*Learners* can:
View / Search teaching materials, Discuss, Do quiz, etc
A Web-based Platform
Sharable Teaching Materials

- Upload own materials
- Decide whether sharing own materials to others
- Other users can view or use the shared materials
- Enrich the teaching materials database through contribution
Sharable Teaching Materials

**Manage My Materials**

<table>
<thead>
<tr>
<th>Material Name</th>
<th>Type</th>
<th>Owner</th>
<th>Share?</th>
<th>Upload Date/Time</th>
<th>Subscribed?</th>
<th>Delete?</th>
</tr>
</thead>
<tbody>
<tr>
<td>INT 2002 Part A</td>
<td>Video</td>
<td>administrator</td>
<td>YES</td>
<td>2003/04/10 10:16:20</td>
<td>YES</td>
<td></td>
</tr>
</tbody>
</table>

Search: [ ] by [Material Name] [Video] [GO]

Found: 9 Records

Showing Record 9 to 9

BACK Page 2 NEXT Confirm Changes
Presentation (資源組合)

- A new material that formed by gathering the existing materials (both owned or shared)

- Material Reusable - a material, even a segment of it can be subscribed in different Presentations
Presentation

An Example

- Video segments about Dogs
- PETS
- The Behaviors of Dogs

- Slides about Dogs
- The Behaviors of Dogs and Cats

Video / Slide Synchronization

- A streaming video can be synchronized with MS PowerPoint slides
Video / Slide Synchronization

- A streaming video can be also synchronized with contents created by “Slide Editor”

Slide Contents

- You can format paragraphs
- You can add HyperLinks
- You can add images
- You can paste HTML codes here to do advanced paragraph formatting
Video / Slide Synchronization

- When browsing a presentation, learners can select any sections to view.
PILOT Users

Act as

Teachers / Students

Act as

Creators

Manage (Upload, Create, Share…)

Teaching Materials (video, ppt, etc)

Act as

Learners

View / Interact with

Presentations

Subscribe materials to form

View / Interact with
Other Functions

- **Quiz**
  - Create and Share in PILOT
  - Embed in Presentation sections

- **Discussion Forum**
  - A new thread will be established after creating a Presentation
Advantages

- Provides general e-learning features

- Material reusing and sharing ➔
  Avoids duplications of materials ➔
  Minimize server loadings

- Without taking the pain of learning how to edit video using complicated software
User Feedbacks

- “The software is user-friendly”

- “centralizing the learning materials which make learning and teaching more effective”

- “using streaming technology, users can use and upload materials at any place”

- “able to use different formats of materials at the same time”