A reference model and technical framework for mobile social software for learning

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Introduction

• Authentic learning contexts
• Supporting/mediating: learning in context
• Standardised approach? Reference model + technical framework
• Practical examples
Introduction: Learning in Context

Takes into account (Zimmerman, et. al. 2007):

• Identity
• Location(s)
• Time
• Environment or activity
• Relations/Social context
## Reference model

<table>
<thead>
<tr>
<th>Content</th>
<th>Context</th>
<th>Information flow</th>
<th>Pedagogical model</th>
<th>Purpose</th>
</tr>
</thead>
<tbody>
<tr>
<td>Documents</td>
<td>Individuality</td>
<td>One-to-one</td>
<td>behaviourist</td>
<td>Sharing knowledge</td>
</tr>
<tr>
<td>Annotations</td>
<td>Time</td>
<td>One-to-many</td>
<td>cognitive</td>
<td>facilitate discussion</td>
</tr>
<tr>
<td>Messages</td>
<td>Locations</td>
<td>Many-to-one</td>
<td>constructivist</td>
<td>social awareness</td>
</tr>
<tr>
<td>Notifications</td>
<td>Environment/Activity</td>
<td>Many-to-many</td>
<td>Social constructivist</td>
<td>guide communication</td>
</tr>
<tr>
<td>Relations</td>
<td></td>
<td></td>
<td></td>
<td>engagement and immersion</td>
</tr>
</tbody>
</table>
Technical Framework
ContextBlogger

• Example of technological framework
  – Contextualised media delivery
  – Contextualised media creation
  – Notifications
ContextBlogger (cont.)

- Enriching learning objects in content (MACE)
- Language learning
ContextBlogger: Screenshots
Language Learning

Find the fruit starting with...

check
References


• MACE project: http://www.mace-project.eu/

• Papers: http://dspace.ou.nl/ (search for me)
Contact

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