1. EMERGO & Interactions
Chatbot: Luctor

**Relevance:**
- More authentic interactions
- Extending possible scenarios

<table>
<thead>
<tr>
<th>I</th>
<th>shared</th>
<th>II</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ad-hoc transient community</td>
<td>Personal recommender system</td>
<td></td>
</tr>
<tr>
<td>Communities</td>
<td>System</td>
<td></td>
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<td>Model</td>
<td>Learning activity</td>
<td>Suitable</td>
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<tr>
<td>Question</td>
<td>Learning</td>
<td>Specific</td>
</tr>
<tr>
<td>Time</td>
<td>Learning network</td>
<td>Problem</td>
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<tr>
<td>Specific</td>
<td>Recommendation</td>
<td>Provide</td>
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<tr>
<td>Knowledge</td>
<td>Available</td>
<td>Information</td>
</tr>
<tr>
<td>Social</td>
<td>User</td>
<td>Data</td>
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<tr>
<td>Support</td>
<td>Learner</td>
<td>Items</td>
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<tr>
<td>Information</td>
<td>Technique</td>
<td>Recommender system</td>
</tr>
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<td>Participants</td>
<td>Collaborative filtering</td>
<td>Strategy</td>
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<tr>
<td>Community</td>
<td>content</td>
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2. Summary writing Guidance

**Example:** Analyse - Visualise - Compare & Discuss

**Relevance:**
- Summarizing is an effective strategy to improve text comprehension, though complex to do
EMERGO & Interactions

Luctor (project ABI T61327) results so far:
- Simple pattern matching (AIML) to detect questions
- A fallback strategy: summarising & hinting what could be next
- Integrated with EMERGO

Further ICT related R&D, e.g.:
- Reasoning Layer to model and monitor structured dialogues, e.g.:
  - In take consultations (Psychology)
  - Advisory (Law)
- Additional dialogue strategies, e.g.:
  - Combining open input with selected choices
  - Dialogue Progress Indicators
- Improvement of pattern matching
- Authoring tools & methods for dialogue input
Summary Writing Guidance
(Liesbeth Kester, Els Boshuizen, Peter van Rosmalen)

Objectives
Design and development of app-based guidance in summarization training to improve summarizing skills and comprehension of text and hypertext:
1. link the text content to existing prior knowledge (elaboration),
2. promotes self-testing which helps them to identify their comprehension gaps and fix them and (self-testing)
3. directs students' attention to important content parts (visualization)

ICT related R&D questions, e.g.:
• Cross platform App design & development
• Interaction Design and ‘proof of concept’ prototypes:
  (1) mobilize and organize word lists (key concepts) for activation of prior knowledge
  (2) customizable set of generic questions for self-testing
  (3) Word cloud a-likes visualizations to compare and focus on important content
• (3) integration and application of language technology tools (Alpino, Termtreffer)
References/Links

EMERGO: www.emergo.cc
Luctor test site:
   http://145.20.144.10:8080/luctorBot/simulator/index
   a Game-Chatbot: Extending the Interaction in Serious Games. ECGBL2012, Cork
   Ireland.

NWO project plan (on request)
   formative feedback on textual assignments with the help of automatically created

Termtreffer:
   http://www.inl.nl/tst-centrale/nl/over-de-tst-centrale/projecten/termtreffer

Alpino parser:
   http://www.let.rug.nl/vannoord/alp/Alpino/