



**COACH BOT TECHNOLOGICAL/DIDACTIC
TEAM MEETING
Rome, 14 January 2009**

**FOR.COM.
Interuniversity Consortium
Via Virginio Orsini 17/a, Rome**

Conference Room

AGENDA



14 January 2009
9,30 - 12,00

9,30 Organization of the Virtual Coach Technology Report
Mr. Mikail Feituri, FOR.COM

10,30 The first COACH BOT features

- Guidance Interview
- Help desk
- Start-up Quiz
- Customized learning Path
- Suggestions
- Case Study
- Final Assessment
- COACH BOT lay out

Mr. Mikail Feituri, FOR.COM

Mr. Luca Galassi, FOR.COM

Mr. Roberto Gilli, GRUPPO PRAGMA

Ms. Oriana Cok, GRUPPO PRAGMA

Mr. Stefano Ferrante, GRUPPO PRAGMA

Ms. Susanna Correnti, FOR.COM

11,30 Open Discussion on the Technical Specification Documents

12,00 End of the meeting



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COACH BOT TECHNOLOGICAL/DIDACTIC MEETING

Place: ROME

Date: 14/01/2009

Organisation	Name	Signature
GRUPPO PRAGMA	ORIANA COLE	
GRUPPO PRAGMA	STEFANO FERRANTE	
GRUPPO PRAGMA	ROBERTO GIULI	
FOR. COM.	SUSANNA CORRENTI	
FOR COM	LUCA GALASSI	
FOR. COM.	DIKAIL FEITURI	



**MEETING_TECHNOLOGICAL/DIDACTIC TEAM
Rome, 14/01/2009**

Venue: _FOR.COM (Rome)

Minutes

Date January 14, 2008	
Activities/ Tasks	Deadlines, partner in charge, outcomes
<p>Partner participants FOR.COM: Susanna Correnti, Mikail Feituri, Luca Galassi GRUPPO PRAGMA: Oriana Cok, Roberto Gilli, Stefano Ferrante</p>	
<p>Mr. Feituri illustrated to participants the topics related to the technical issues in order to organize the description of the Virtual Coach Technology Report. Mr. Feituri proposed the deadline date for the document.</p>	<p>Deadline for the first draft of the Virtual Coach Technology Report (WP3): February 15, 2009.</p>
<p>Mr. Feituri described the first coach bot feature: the guidance interview. The main goal of this feature is to create a emphatic relationship between the user and the LMS and to collect some personal data in order to personalize the learning path of the user. After a short discussion, the group decided that the data will be saved in a special DB table. Ms. Correnti (FORCOM) proposed herself as the author of the document that will describe the questions to ask. Mr. Gilli (GRUPPO PRAGMA) underlined the necessity, for some kind of questions, to imagine also the answers and he proposed the usage of some "mind map" tool like FreeMind for this question. The document will be prepared as soon as possible.</p>	<p>Outcome: a document of questions to ask the user to be shared among the team.</p>
<p>Mr. Feituri described the second coach bot feature: the help desk. The main goal of this feature is to provide a help on technical and didactical issues. This feature will be always present in the LMS. The contents that are usable to create this part of the coach-bot are:</p> <ul style="list-style-type: none"> • the normal help of the LMS, • the FAQ on the LMS, • the manuals made in another EU project (i.e. TIPS). <p>Mr. Gilli said that the coach-bot can also act inside the LMS (for example opening a forum) but that this action can arise usability problems. The team decided to use the coach-bot only to give information and not to open other browser windows. This technical section of the coach-bot is linked only with the LMS and not with the course content so it can be developed before the other parts.</p>	
<p>Mr. Feituri described the third coach-bot feature: the startup quiz. The main goal of this feature is to know the existing knowledge of the user (on the topics related to the course) and to customize him/her learning path.</p>	



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<p>After a short discussion, the team decided to allow the reading of the “not necessary LO” (for a specific type of user), providing that they are signed in a special way (for example in ghost).</p> <p>Mr. Ferrante and Mr. Feituri discussed the position of this feature inside the LMS.</p> <p>The team finally decided to put it as a mandatory first LO in the course LMS section.</p> <p>The coach-bot here has only to present the quiz that will be delivered by the LMS. The goal of the coach-bot here is just to illustrate what is going to be presented and to motivate the user.</p>	
<p>Mr. Feituri described the fourth coach-bot feature: the customized learning path.</p> <p>The main goal of this feature is to offer a customized learning path that fits the real learning need of the user. All the customizations will be managed by the LMS, the goal of the coach-bot here is only to present the result (the customizes learning path) to the user.</p>	
<p>Mr. Feituri described the fifth coach-bot feature: the suggestions.</p> <p>The main goal of this feature is to offer to the user a quick “questions and answers” system related to the course contents.</p> <p>The coach-bot in this feature is a sort of teacher that can recall definitions or small explanation. This feature doesn’t substitute the LO teaching.</p> <p>The team discussed the level of “intelligence” that this feature has to have.</p> <p>The team agreed to have a “modular response” of the coach bot.</p> <p>The first part can be the textual (“normal”) answer related with the question. After, if possible, the coach-bot will give a suggestion of a LO that describe the contents related with the question.</p> <p>Finally, if possible, the coach-bot can give a feedback related with the user study of the related LO.</p> <p>This last part of the answer is related with the possibility to manage the use pattern, to change, for example, the minutes of studying a learning object in a textual variable like “FEWMINUTEFRUITION” that the coach-bot can manage.</p> <p>The contents related with this feature are the course “storyboards” and a glossary of used terms.</p>	
<p>Mr. Feituri described the sixth coach-bot feature: the case study.</p> <p>The case study will be developed with the machinima technique done by the Swiss partner. The coach bot will only present this LO.</p>	
<p>Mr. Feituri described the seventh coach-bot feature: the final assessment.</p> <p>The main goal of this feature is to measure the final knowledge of the user. The questionnaire will be a normal LMS quiz. The coach-bot will introduce the quiz and will discuss the results giving, if necessary, the suggestions for further studies.</p> <p>During this final assessment the suggestions feature of the coach-bot will be silenced.</p>	
<p>Mr. Galassi illustrated the LMS and the group discussed the coach bot layout, the position that the coach-bot can take in the page.</p>	



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<p>The group decided to insert a floating small windows in the upper-right part of the screen.</p> <p>Mr. Galassi showed some TTS software and the team discussed the possible solutions. A open source TTS seems not to be a good quality solution while the closed source TTS are very expensive.</p> <p>The team decided to evaluate the possibility to use pre-recorded sentences.</p>	
<p>The team discussed the technical need to start to work on the project.</p> <p>Mr. Ferrante will build up a LMS + AIML interpreter server.</p> <p>Mr. Feiture will give a special copy of Claroline to Mr. Ferrante.</p>	
<p>The team finally discussed the different contributes for the technical specification document to write down.</p> <p>Mr. Feituri will describe all the changes needed in the LMS.</p> <p>Mr. Ferrante will describe the LMS – AIML interpreter communications and all the PHP feature needed.</p> <p>Mr. Gilli will describe the coach bot structure and the coach bot – LMS communications (special string commands needed).</p> <p>Mr. Feituri will provide a model of the document.</p> <p>The group agreed to share the draft documents in order to better fits the different developing areas.</p>	