Prototype Report

Yanomamö Interactive DVD/Online

Team 6

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10/12/13
# Version History

<table>
<thead>
<tr>
<th>Date</th>
<th>Author</th>
<th>Version</th>
<th>Changes made</th>
<th>Rationale</th>
</tr>
</thead>
<tbody>
<tr>
<td>10/12/13</td>
<td>CC</td>
<td>1.0</td>
<td>• Added prototype navigation flow, feature choice rationale, and prototype implementation screenshots and description</td>
<td>• Add information to reflect the current working prototype</td>
</tr>
<tr>
<td>10/16/13</td>
<td>CC</td>
<td>1.1</td>
<td>• Updated tables</td>
<td>• Improve pre- and post-condition information according to instructor feedback</td>
</tr>
</tbody>
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1. Introduction

1.1 Purpose of the Prototype Report

This report provides an overview of the core functionality demonstrated in our prototype deliverable. We discuss the features we chose to prototype and why they were chosen for prototype implementation. We will review the flow of user interactions with the prototype system and its available features for users. Lastly, we provide screenshots of the working prototype system.

1.2 Status of the prototype

The core interactive features prototype has been completed and is fully functional. This the final version of this document, and includes all diagrams, screenshots, and prototype description information.
2. Navigation Flow

The diagram below shows the navigation flow of our system’s core capabilities. The highlighted boxes indicate the navigation flow currently supported by our prototype system. Screenshots shown in the rest of this document will be presented in the order outlined in this diagram.

Figure 1: Navigation Flow of Yanomamo Interactive System
3. Prototype

For our system, the highest risk features are the core interactive functions—namely, linking transcript texts to the video and displaying genealogy and demographic information of a Yanomamo tribe member by clicking his/her name in the texts. These two features are critical for the interactive nature of the system and have also been deemed by the implementation team as the most difficult to implement. Furthermore, implementing these core interactivity features allows us to evaluate the effectiveness of the libraries we plan to use to help implement this functionality. This allows us to further eliminate the risk inherent in our decision of JavaScript libraries to use for our implementation.

In the screenshots below, we demonstrate and describe the functionality implemented in the prototype system.

<table>
<thead>
<tr>
<th>Description</th>
<th>User can view video and related texts and transcripts, and may double-click on a transcript block to jump to that point in the video</th>
</tr>
</thead>
<tbody>
<tr>
<td>Related Capability</td>
<td>CR-4 Link text to time-based media (TBM); CR-5 Play TBM; CR-6 Provide text for reading</td>
</tr>
<tr>
<td>Pre-condition</td>
<td>User navigates to the system webpage</td>
</tr>
<tr>
<td>Post condition</td>
<td>Video skips to continue play from the timestamp linked to that text</td>
</tr>
</tbody>
</table>
[0:07] After sitting at the computer looking up YouTube videos with Keepon, the doorbell rings.

[0:26] Cue the travel across the map montage!

[0:32] At this point, we find Keepon arriving in South Korea, complete with a traditional Korean-inspired hat.

[0:52] And how we start to see Keepon among cute, brightly colored spherical objects--much resembling himself, of course!

[1:03] Keepon is trying to dance to the pace of the sewing machines.

Figure 2: Transcript text linked to video time

Table 2: Showing information for person in video

<table>
<thead>
<tr>
<th>Description</th>
<th>User can click on the name of a person in the text to view information about that person (genealogy, demographics, etc.) and have a target to point out that person in the video</th>
</tr>
</thead>
<tbody>
<tr>
<td>Related Capability</td>
<td>CR-1 Link genealogies to Time-Based Media (TBM); CR-2 Link statistics to TBM; CR-4 Link text to TBM</td>
</tr>
<tr>
<td>Pre-condition</td>
<td>User navigates to the system webpage</td>
</tr>
</tbody>
</table>
The genealogy and demographic information panes are displayed with information for the person whose name was clicked. An animated circle is drawn over the video to indicate the current position of that person in the video. User may click the “hide info” button in the demographic information pane to clear the two newly displayed panes and clear the target animation overlay on the video.

Figure 3: Showing information for person in video