Background – Play for Peace

- Founded in 1996 by Craig Dobkin and Michael Terrien
- Centers in Guatemala, India, Middle East, Northern Ireland and North America
• Prime Objective: Bring youth together to promote peace through play

• Previous developments of the system failed
IPRO Objectives

• To refine the CMS by making it user friendly.
  – To ensure that appropriate levels of security are built into the system by providing user-logins for detailed access to the website.
  – To conduct usability testing of the CMS
  – To deliver a CMS to Play for Peace which meets all the specifications they require.
IPRO Structure

• Three sub-teams:
  – Internal Management
  – Client Communications
  – Technical
Client Communications

• Primary Responsibilities:
  – Communicate with the Play for Peace Headquarters
  – Receive feedback from the different regions on the CMS
  – Complete IRB form for human subject testing
Meeting with Play for Peace Leadership

• Technical Issues:
  – Security
  – Privacy
  – Content Management

• Client Issues:
  – Interface training
  – Obtaining user graphics
Usability Tests

• Testing Procedures
  – Map feature functionality
  – Design usability tests
  – Submit IRB form for human subject testing
  – Evaluate test subjects on task completion
  – Interpret data from the usability tests (TBC)
# Sample Task List

<table>
<thead>
<tr>
<th>Category</th>
<th>Task #</th>
<th>Task Name</th>
<th>Directions</th>
<th>Pass/Fail</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Home</td>
<td>1</td>
<td>Access Home page</td>
<td>Go To <a href="http://omega.cs.iit.edu/~ipro328fall06/">http://omega.cs.iit.edu/~ipro328fall06/</a></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>Register</td>
<td>Register as a user</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>Logging In</td>
<td>Log in as a user</td>
<td></td>
<td></td>
</tr>
<tr>
<td>News</td>
<td>4</td>
<td>Access News page</td>
<td>Go to News Page</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>5</td>
<td>Locating a News Article</td>
<td>Find About &quot;Play For Peace Global Conference&quot;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Blog</td>
<td>6</td>
<td>Access Blog page</td>
<td>Go to the Blog Page</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>7</td>
<td>Locating Blog Entries</td>
<td>Find grosjoh1's blog entry about what he did last night.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>8</td>
<td>Making a Blog Entry</td>
<td>Submit a blog entry with your name as the title.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Links</td>
<td>9</td>
<td>Links</td>
<td>Go to Links Page</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>10</td>
<td>View Links</td>
<td>Go to the Play for Peace Website</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Joomla! Is an Open-Source CMS

Provides Functionality needed for Play For Peace Intranet

- Blogs
- Forums
- Publishing Workflow
Why Joomla!?

• No actual hard-coding
• All features easily added
• Simple to manage
• Reliable
Goals Accomplished

• Integrated existing extensions
• Configured system to fit client needs
• Provided Play for Peace Look and Feel
Modules configured

• Community Builder
• Event Calendar
• Blogs
• Forums
• Instant Messaging
Ethical Issues

- Cultural Biases
- User Security and Privacy
- Human Subject Testing
- Team Management Styles
Conclusion

Challenges
- System communication
- Client Communication
- System test
- Internationalization

Successes
- Creation of Usability test
- Implementation of client needs
- Administrator training
- Reconstruction of system
- Security Hierarchy
Future Tasks

- Documentation
- System Installation
- Handoff to Client
Thank You
Any Questions ???