New York University

NYAM - New York Academy of Medicine
Progress Report
March 6, 2003

Student names go here
Status Report Objectives

- Client Overview
- Project Goals
- Requirements
- Solution & Tools
- Progress and Next Steps
- Q&A / Feedback
Client Overview - NYAM
New York Academy of Medicine

- Non-profit Public Health Organization
- Founded in 1847
- “Dedicated to enhancing the health of the public through research, education and advocacy, with a particular focus on urban populations, especially the disadvantaged.”
Client Overview - NYAM / CUES
Center for Urban Epidemiologic Studies

- NYAM’s community outreach program
- Conducts research and collects information
- Creator of a web based resource guide
- Used by CBO’s (community based organizations, service providers) for referrals
Project Goals - Primary

- Create “Blueprint”
- Transfer system to Unix platform
- Redesign GUI
- Enhance search functionality
Project Goals - Secondary

- Administrator component - prototype
- Bulletin Board - discussion document / recommendations
Requirements

The system must be

- Easy to use
- Easy to maintain
- Flexible
- Scalable
- Timely
## Requirements - Technical

**Transfer to Unix platform:**

<table>
<thead>
<tr>
<th>From:</th>
<th>To:</th>
</tr>
</thead>
<tbody>
<tr>
<td>OS</td>
<td>Windows</td>
</tr>
<tr>
<td>Web Server</td>
<td>Tom Cat</td>
</tr>
<tr>
<td>Middleware</td>
<td>JSP</td>
</tr>
<tr>
<td>Database</td>
<td>Access</td>
</tr>
<tr>
<td></td>
<td>Unix - Solaris 8</td>
</tr>
<tr>
<td></td>
<td>Apache</td>
</tr>
<tr>
<td></td>
<td>PHP</td>
</tr>
<tr>
<td></td>
<td>MySQL</td>
</tr>
</tbody>
</table>
Requirements - GUI Design

- Create a new look and feel
- Use graphic art and eye catching colors
- Use consistent style throughout
- Compress page sizes and pop up windows
- Convert radio buttons to drop down lists
Requirements - Search Functionality

- Enable multi category searches
- Refine categories
- Remove certain search criteria
- Make searches more streamlined
Create a system component that will

- Provide users with login / password credentials
- Allow CBO’s to access the CUES database and create new or update their own program records
Requirements - Bulletin Board

- Gather bulletin board requirements
- Determine who will access, how they will use, what the content will be, etc.
- Research off the shelf products
- Create a discussion document
- Make recommendations
Solution Tools

- Apache Web Server
- PHP web pages
- MySQL database
- WinSQL, ERWin database tools
- DreamWeaver, Fireworks and PhotoShop
- Cascading style sheets
- In house graphic art, icons, etc.
- Commercially available bulletin board
Architecture Diagram
Administrator Component Process

- Service Provider submits registration request online
- NYAM staff checks registration request, then issues UID and PWD
- Service Provider logs into the account site and uploads its information
- Service Provider may return to its site at any time to update its information
Progress

- Requirements gathering in progress
- Development environment setup
- Database redesign underway
- Preliminary project plan established

Next Steps

- Create “blueprint”
- Create GUI prototype
- Database development
- Administrator component creation
- Bulletin board research
Q&A / Feedback

- Questions
- Feedback