At this point, most of the requirements from the client have been obtained (in table below). Based off of this, we have selected the Joomla Client Management System to develop the web-site. The decision was made between Joomla, Mambo, and PHP-Nuke. All three are CMS systems with varying capabilities and weaknesses. The description for each of the CMS systems is provided below. What is left is to continue getting feedback from the client as well as continuing to adapt and modify Joomla as needed to fit our needs.

Scheduling List of Requirements:	Email Notification	Blogging	Web based Reports T
Scheduling			
Email Notificatino			
Blogging			
Web Based Reports			
Templated Reports			
Message Board			
Pictures			
Sound			
Document Uploading			
Sound Streaming			
Profiling			

## **Description of Mambo System:**

Mambo is a full-featured content management system that can be used for everything from simple websites to complex corporate applications. Continue reading for a detailed feature list.

\*A large and healthy user and developer community.

\*Provides a basic level of content approval for registered users.

\*Online help.

\*Page caching mechanism to improve performance on busy sites.

\*Trash manager

\*Advertising management (banners, etc).

\*Media (images, documents) upload and management.

\*Content display scheduling.

\*Content syndication (RSS).

\*Search engine friendly (SEF) URL's.

\*Internationalisation (interface translation).

\*Content macro language (aka mambots).

\*Advanced and separate system administation system.

\*Advanced package/addon/template deployment system.

\*Simple but powerful template system (written mostly in HTML, no complex templating syntax to learn, just a couple of PHP functions to include).

\*Heirarchial user access groups.

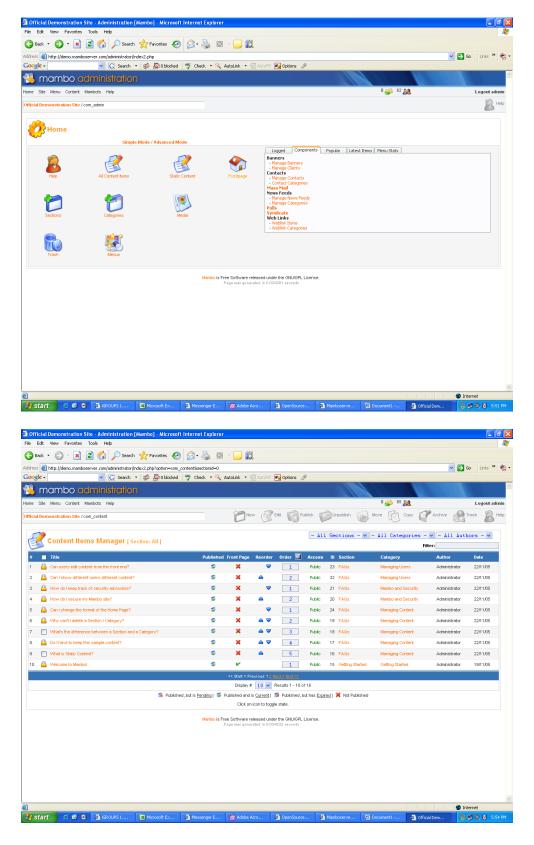
\*Basic visitor statistics.

\*Multiple WYSIWYG content editor support

\*Simple polls \*Content voting/rating system.null Many more free addons are available at mamboforge.net. Some of these addons include: \*LDAP authentication \*Extended user profiles \*Extended user profiles \*Forums \*Media galleries \*Document managers \*Templates \*Events calendar

and many, many more...

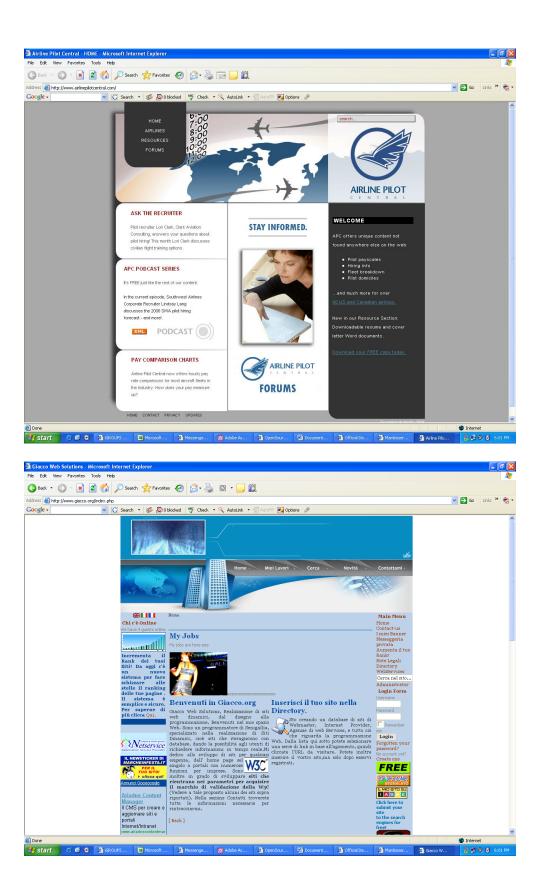
# Administrative Screen Shots:



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## **Examples of User Screen Shots:**





## **Description of Joomla System**

Joomla is an open-source CMS made by the creators of Mambo. It's copyrights are held by Open Source Matters and use of Joomla falls under the GNU/GNL license.

## 1. Is Joomla! a fork of Mambo?

No, it is a rebranding effort that will continue to run largely on the existing codebase. Work is continuing on the project by the same team that had developed Mambo up to August 2005. Therefore, we see it as continuing development rather than a 'fork'.

### 2. Why start at Version 1.0?

We decided to reset the version number to 1.0 to reduce the confusion that could be created by having similar version numbers between Joomla! and Mambo. It is not necessarily a reflection on the fact that the project is immature, but rather that it is new and will be different from Mambo. Other projects, such as Firefox, have successfully delivered mature Version 1.0 products.

### 3. How do the versions compare?

Joomla! version 1.0.0 is derived from Mambo 4.5.2.3 but includes additional bug fixes and patches. Joomla! version 1.1.0 is derived from the original work done by the Joomla! Development Teams towards Mambo 4.5.3.

## 4. Are patches for Joomla! and Mambo interchangeable?

No. The two projects are maintained independently by different development teams.

### 5. Will Mambo addons continue to work in Joomla!?

Addons (templates, components, modules, mambots and language packs) designed for Mambo 4.5.2 will run on Joomla! 1.0. These addons are also likely to run on Joomla! 1.1. However, we cannot guarantee that addons designed specifically for Mambo 4.5.3 will be compatible with Jooma! 1.1 or future versions.

## 6. Can I just patch my existing Mambo site to make it Joomla! ?

No. The rebranding affects almost all files so it is not possible to patch just a few files.

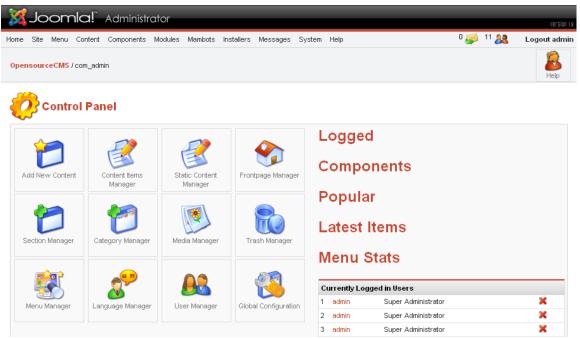
### 7. Can I use my Mambo database for Joomla!?

Yes. Joomla! 1.0 will be able to use a Mambo 4.5.2 database. It's likely that Joomla! 1.1 will be able to use a Mambo 4.5.3 database but at this stage we cannot be certain.

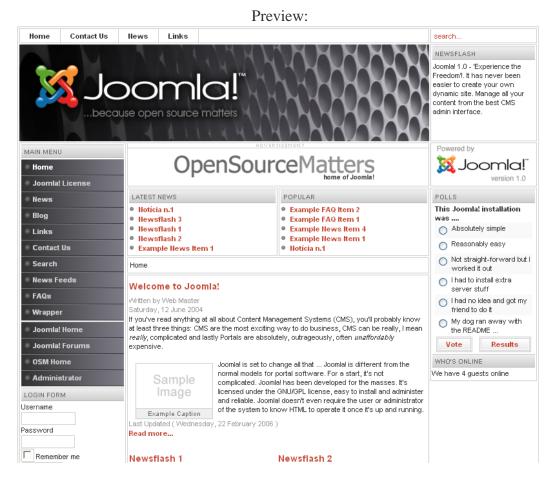
## 8. What happens in the future when Joomla! and Mambo diverge?

That's a hard question to answer because we don't know.

### Screenshots:



## Administrator Portal



# **Description of PHP-Nuke System**

PHP-Nuke 7.9 Final version. This version includes a new variables validation and filtering system more effective and more secure, potential security vulnerabilities generated from the wysiwyg editor has been fixed, BBtoNuke 2.0.17, added banned IP edit function, improved search module internals, quotes and double quotes are now supported on all parts of the system, wysiwyg editor can be totaly deactivated from config.php file, users groups fixes to properly load the members modules, several fixes in the advertising system and many more. Additionaly PHP-Nuke version 7.8 has been released for free to the public on the downloads section.

### **Cool Stuff Section**

To maximize your site's features comes the new Cool Stuff section with commercial modules and themes like Club Membership Module, Portal-Pro Theme and Photo Gallery Module. These are exclusive modules only available from here. If you're Club member you can find all these modules and themes in there. Enjoy!

#### What is PHP-Nuke

PHP-Nuke is a news automated system specially designed to be used in Intranets and Internet. The Administrator has total control of his web site, registered users, and he will have in the hand a powerful assembly of tools to maintain an active and 100% interactive web site

using databases.

#### • Need I to know HTML to use PHP-Nuke?

The answer is no. You only need to know the basic functions to change somethings through the system administration included in PHP-Nuke. This system is designed to do all its jobs automated using your preferred web browser. You'll never need to edit files in your server.

#### • What do I need to use PHP-Nuke?

To be able to use PHP-Nuke you need a computer, an SQL database server (highly tested on MySQL), Apache Web server and PHP version 4.x installed and running. All these programs are available for free in the Internet.

#### • What Operating Systems are supported?

PHP-Nuke runs well on the following Operating Systems:

- Linux
- Any Unix flavor
- OS/2
- Any Windows flavor
- MacOS
- FreeBSD

The system has been high tested on Linux systems, the other operating system has been reported by users that works great. In the future BeOS will be supported, this depends on the MySQL BeOS version to be released soon.

#### • Why to use PHP-Nuke?

There are many similar programs and projects like Slash, PHPweblog, PHPSlash, Thatware, Sips, NewsPro, etc, but PHP-Nuke is designed to be very customizable and flexible, is easy and pleasant to use, thinking about webmasters who pass hours administrating his web site. PHP-Nuke also offers a very high number of features not present on other systems and on each release we'll add much more new and cool features.

#### • How many languages support PHP-Nuke?

PHP-Nuke distribution comes with English language set by default, but you can change it to your own language. There are more than 20 languages supported. Hopefully yours is in the list.

If your language isn't supported you can make the translation. After you translate it you can <u>announce it</u> here on the site. Don't forget to write your credits on the file!

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# END OF THE SEMESTER FINAL CONTENT MANAGEMENT SYSTEM CREATED

The final content management system for the Play for Peace Organization is created with the Joomla open-source product. Many features are integrated in this system. It will also be moderated by an administrator so that harmful material is not put on the CMS system. Also the users will have the privacy of other not knowing their names but still be able to use the CMS system to its fullest. Here is a list and description of some of the main features of our system:

**HOMEPAGE** – This page is the page that anyone that goes to the site will view. It is a very generic page with information of Play for Peace and what they do. From here users can log-on to the website and use features like blogging, forums, games and the calendar to name a few.

**MESSAGING** – Users are able to use this feature to contact other people in the Play for Peace Organization in different sites around the world. It serves kind of like an e-mail system however it does not replace it. This messaging system will also allow people using it to send messages anonymously.

**CALENDAR** – This feature will allow users to schedule events that they plan and will let other users in the same region and other regions to see what is happening. There are many views that users can view the calendar (daily, weekly, monthly, etc.). With this feature the problem of two people booking events at the same time will not occur. Also people from other sites can see when it is best to go to the other sites for a worthy event.

**BLOGGING** – Many teenagers that will be using this website as a way to discuss many different things that are going in the world and in their lives. The blogging feature will be a very good item for the teenagers to talk about a topic and have others comment on them. The will obviously be moderated by an Administrator so that material that is unacceptable will not be allowed to be posted.

**FORMS** – This page will allow users to post fill out and submit forms online. With the forms being online it will be very easy for users to spell-check and also for the leaders at each group to catalog these reports. The reports will also be easily accessible to other users to look at and see how the events turned out. This will in turn promote other sites to interact and uses games from other sites.

**TUTORIALS** – The tutorials that are posted on the CMS will be viewable by all users so that when they first use the site they will know exactly what to do. These tutorials can be edited and can be added by the administrator. The tutorials will help out the people that are in charge at each site to teach the teenagers on how to use the system.

**GAMES** – This page will be used for users to post and view games. Hopefully next year there will be capabilities for users to upload videos and pictures of the games. This page clearly goes with the views of the organization and will play a big part in the different

countries interacting with each other. The site will literally be a showing how to achieve peace through play. As all of the other pages, this one will be moderated to make sure unnecessary content is not posted.

# USER VIEWS: HOMEPAGE –



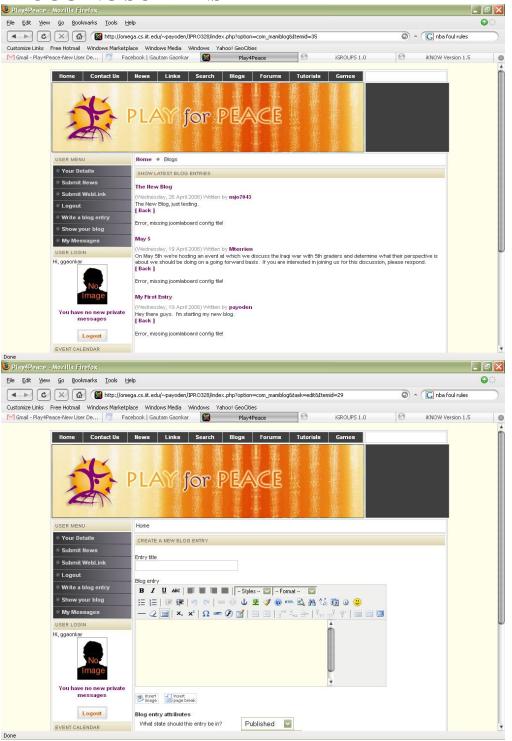
# **MESSAGING SCREEN –**



# CALENDER SCREEN –

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# **BLOGGING SCREENS –**



# FORMS SCREEN -

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# GAMES SCREEN SHOT -

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# **IPRO – 328 NEXT SEMESTER**

A lot was accomplished during this semester for this IPRO. This year was all about beta testing this CMS system to see how the organization felt about the site that we had created. There is still a lot more that can be added to this content management system so that it is more user-friendly and has all the small issues resolved. Next year this IPRO will actually start to put up content on there that will be used by the Play for Peace Organization. It will also expand the testing to teenagers and facilitator in the different regions of the world where Play for Peace is located.