

# Honey Badgers Inc CMS Project



## FantomCMS

(Content Management System)

Jeremy Criquet

Cole Grim

Joshua Leihe

Matthew Isaac Lean

Jono Yang

December 5th 2014

# Honey Badgers Inc CMS Project



**The project: Create a web content management system that**

- Uses the Fantom programming language
- Supports single page application design

**Things we learned**

- The Fantom language
- The scrum process

# Honey Badgers Inc CMS Project



## **Things that worked well for us**

- Working in the group room (Tree House)
- Team building activities

## **Things that we had trouble with**

- Time management
- Lack of Fantom documentation

# Honey Badgers Inc CMS Project



## Technologies we used

- Javascript
- Fantom
- Java
- F4 (IDE)
- MongoDB
- GitHub

# Honey Badgers Inc CMS Project



## Tasks we completed

- Full backend infrastructure for the system
- A state model that allows for easy navigation using the single page application paradigm
- A working database
- A themes app that controls how the entire site is laid out and what colors and patterns are shown
- A users app that controls who has access to which apps
- A pages app that displays pages that have been statically stored in the database

# Honey Badgers Inc CMS Project



## Tasks we completed (continued)

- A homepage that displays the available apps
- A gallery app for viewing multimedia on the site
- An audio extension that can play music from the database

**And now, we present the UI of the CMS!**

# Honey Badgers Inc CMS Project



## Fantom CMS

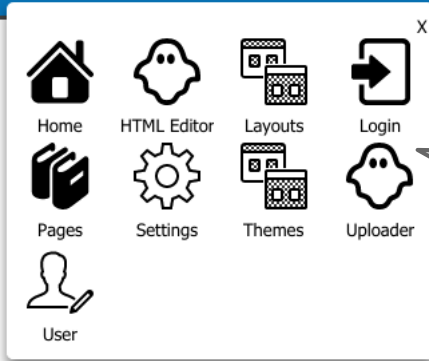
Home page where all the apps are displayed



# Honey Badgers Inc CMS Project



## Fantom CMS

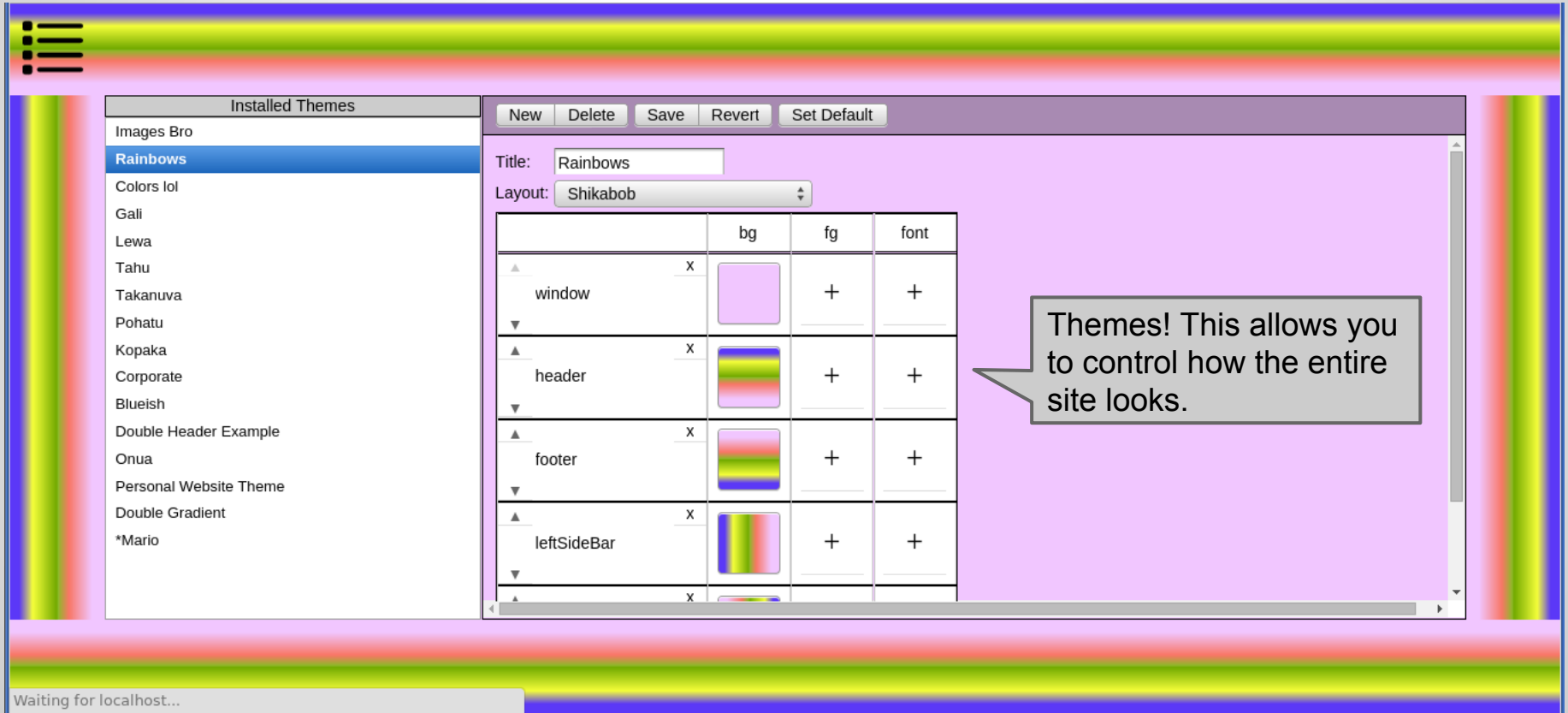


Menu which is visible on every page.





# Honey Badgers Inc CMS Project








Installed Themes

- Images Bro
- Rainbows**
- Colors lol
- Gali
- Lewa
- Tahu
- Takanuva
- Pohatu
- Kopaka
- Corporate
- Blueish
- Double Header Example
- Onua
- Personal Website Theme
- Double Gradient
- \*Mario

New Delete Save Revert Set Default

Title: Rainbows

Layout: Shikabob

	bg	fg	font
▲ window X		+	+
▼			
▲ header X		+	+
▼			
▲ footer X		+	+
▼			
▲ leftSideBar X		+	+
▼			
▲ X			
▼			

Themes! This allows you to control how the entire site looks.

Waiting for localhost...

# Honey Badgers Inc CMS Project



Login bar. Without logging in you have access to a limited number of apps



Welcome, admin! (logout)

Home

Pages

Gallery

# Honey Badgers Inc CMS Project

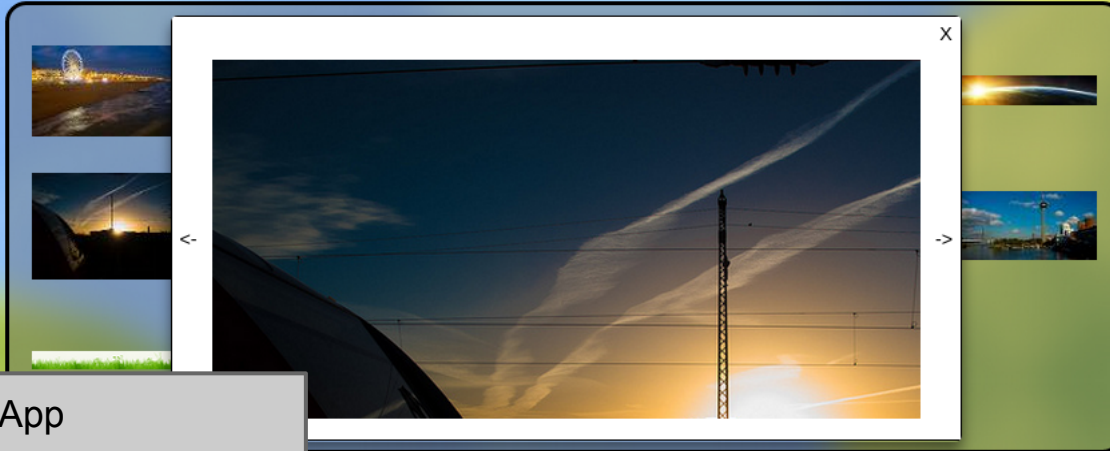


Welcome, admin! (logout)

Home

Pages

Gallery



Gallery App

# Honey Badgers Inc CMS Project



## Fantom CMS

**Welcome to Pages!**

We got a lot in store for you so stay tuned!

Groooooovy colors maaaaaan

Jono's Page

Jono's Other Page

Cole's Page

Isaac's Page

Josh's Page

Audio Test Page

Pages. Here sample pages are loaded from the database

# Honey Badgers Inc CMS Project



## Fantom CMS

### Database

Server

Host	<input type="text" value="162.243.155.57"/>
Port Number	<input type="text" value="27017"/>
User Name	<input type="text"/>
Password	<input type="password" value="....."/>
Database	<input type="text" value="fantomcms"/>
	<input type="button" value="Cancel"/> <input type="button" value="Apply"/>

Database settings

# Honey Badgers Inc CMS Project



## Fantom CMS

Database

**Server**

Port Number

Web Server Title

Server settings

# Honey Badgers Inc CMS Project



## Fantom CMS

### Installed Themes

Images Bro  
Rainbows  
Colors lol  
Gali  
Lewa  
Tahu  
Takanuva  
Pohatu  
Kopaka  
Corporate  
Blueish  
Double Header Example  
Onua  
Double Gradient  
\*Mario

New

Delete

Save

Revert

Set Default

Title:


Layout:

Select a theme or create a new one!

Layouts

# Honey Badgers Inc CMS Project





Fantom CMS

Manage Users

Manage User Groups

Manage Users

guest  
admin

User management page

Add User


Remove User

Edit User



# Honey Badgers Inc CMS Project





Fantom CMS

Manage Users

Manage User Groups

Manage User Groups

admin

guest

User groups page

Add Group

Remove Group

Edit Group

# Honey Badgers Inc CMS Project



**Questions?**