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)
- GIT branches
- Team building activities

Things that we had trouble with

- Time management
- Lack of Fantom documentation

Technologies we used

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

Honey Badgers Inc CMS Project

Things We Liked

- Making an amazing project
- Getting the majority of our “ambitious” project complete
- Working together
- Learning new things
- Free Pizza!

Things We Didn’t Like

- Sifting through partial Fantom documentation
- Doing RAC reviews
- Incomplete Javascript implementation for Fantom

Honey Badgers Inc CMS Project

Baskin Engineering
UC SANTA CRUZ

Tasks we completed

- A home app that displays the available apps
- Full backend infrastructure for the system
- A state model that allows for easy navigation using the single page application paradigm
- A working database that fits our modular design
- 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
- A gallery app for viewing multimedia on the site

Honey Badgers Inc CMS Project

Baskin Engineering
UC SANTA CRUZ

Tasks we completed (continued)

- A layouts app that controls how the entire site is laid out
- A themes app that controls the various colors and patterns on the site
- An image extension to improve image functionality

And now, we present the UI of the CMS!

Honey Badgers Inc CMS Project

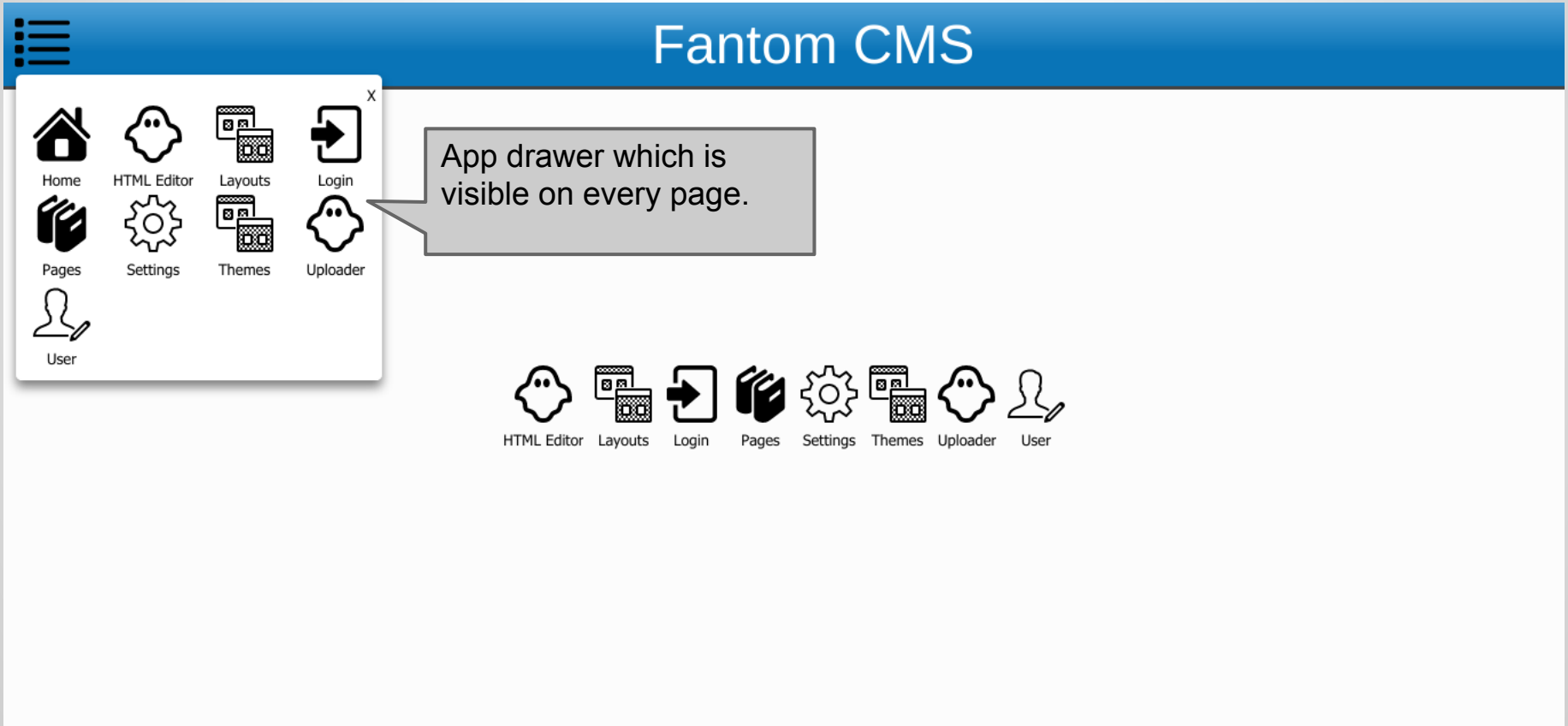
Baskin Engineering
UC SANTA CRUZ

Fantom CMS

Home page where all the apps are displayed

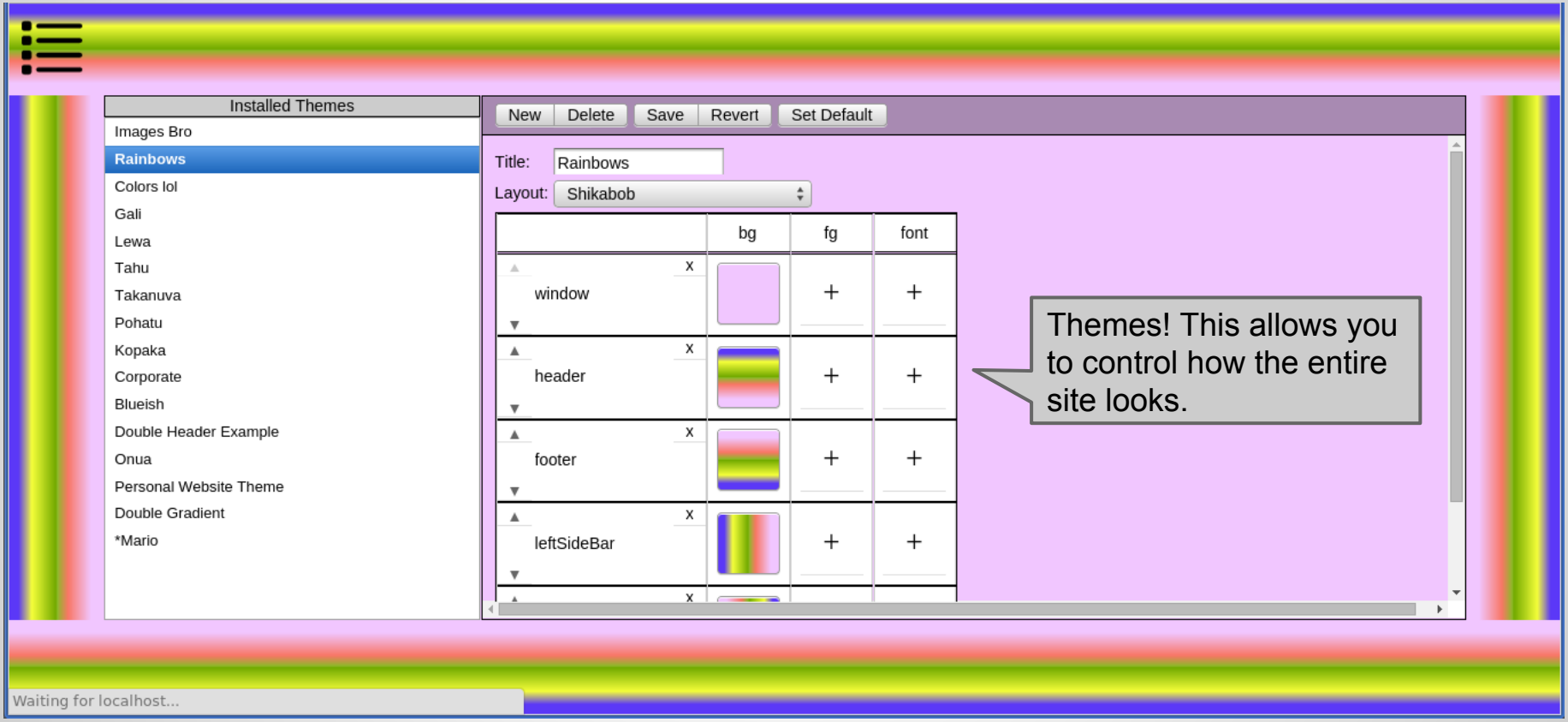
Honey Badgers Inc CMS Project

Baskin Engineering
UC SANTA CRUZ



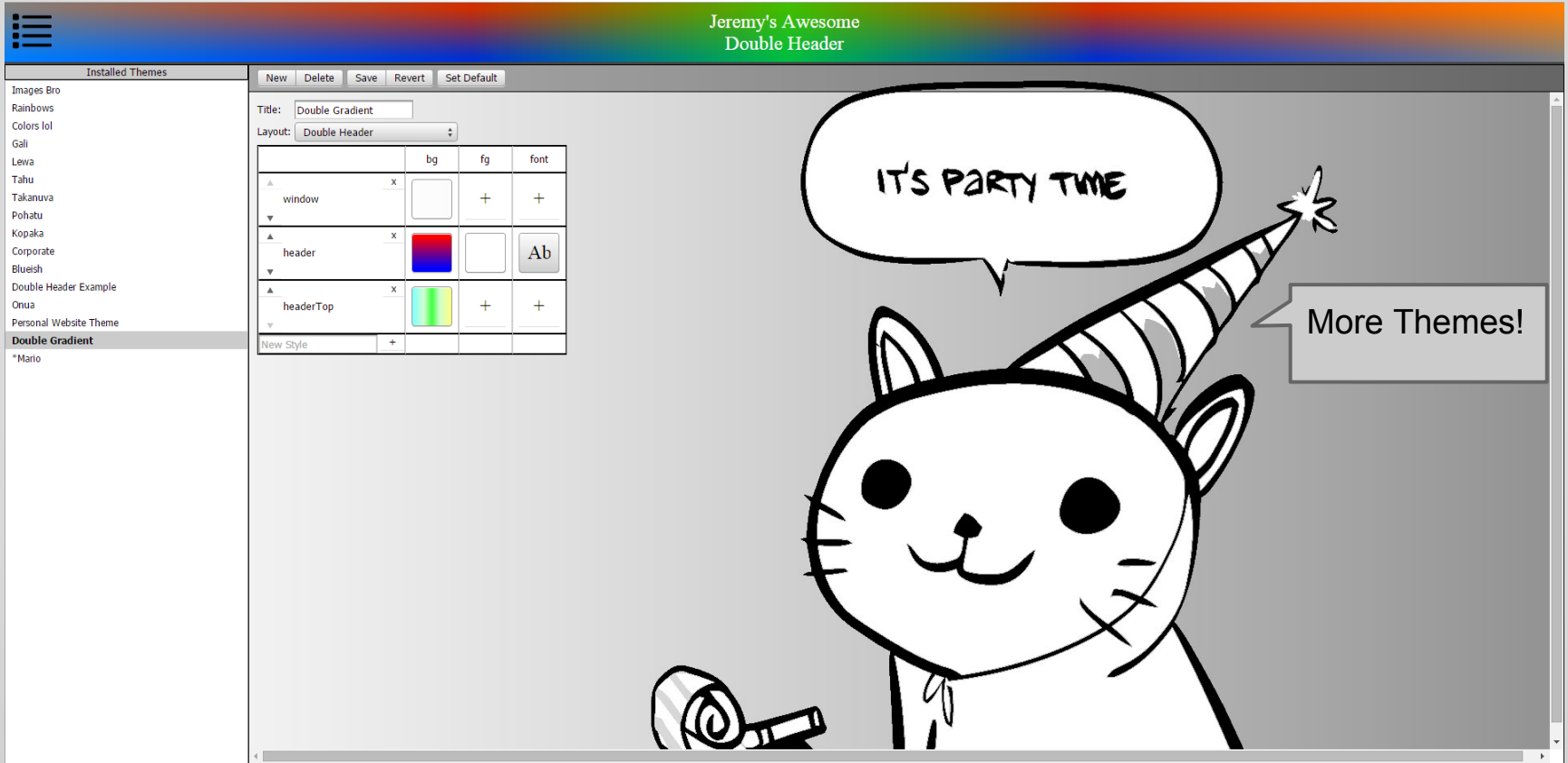
Honey Badgers Inc CMS Project

Baskin Engineering
UC SANTA CRUZ



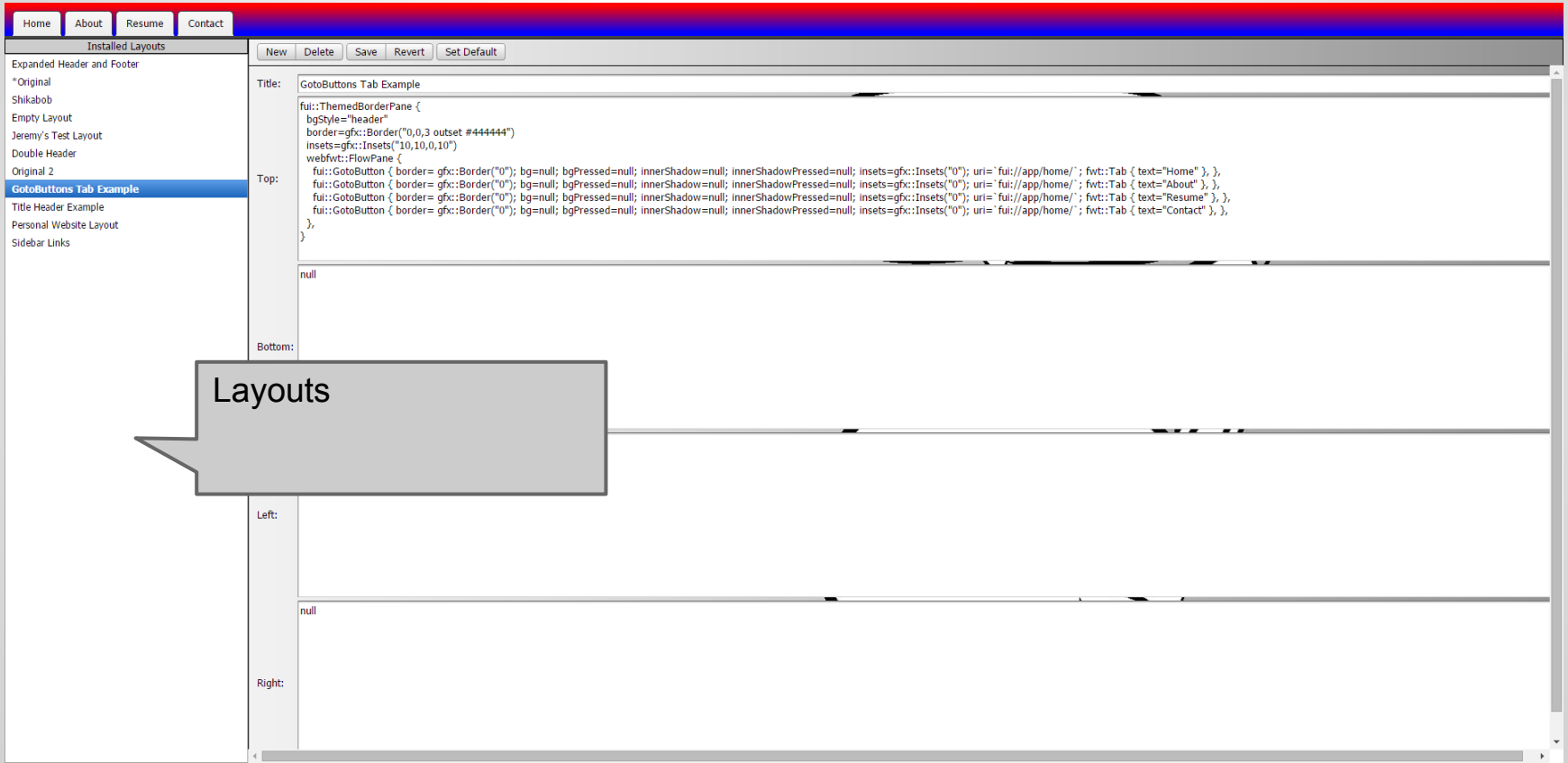
Honey Badgers Inc CMS Project

Baskin Engineering
UC SANTA CRUZ



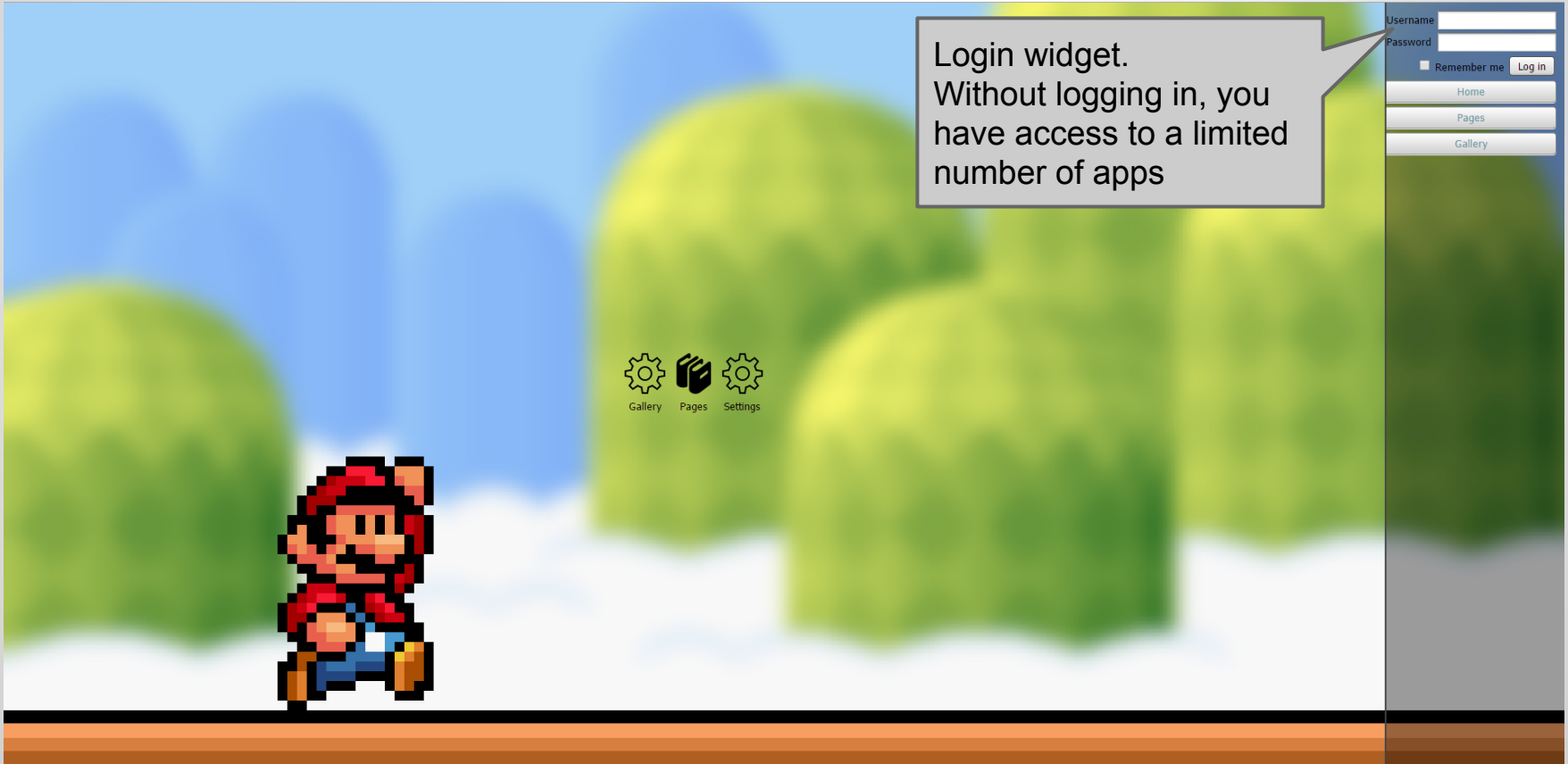
Honey Badgers Inc CMS Project

Baskin Engineering
UC SANTA CRUZ



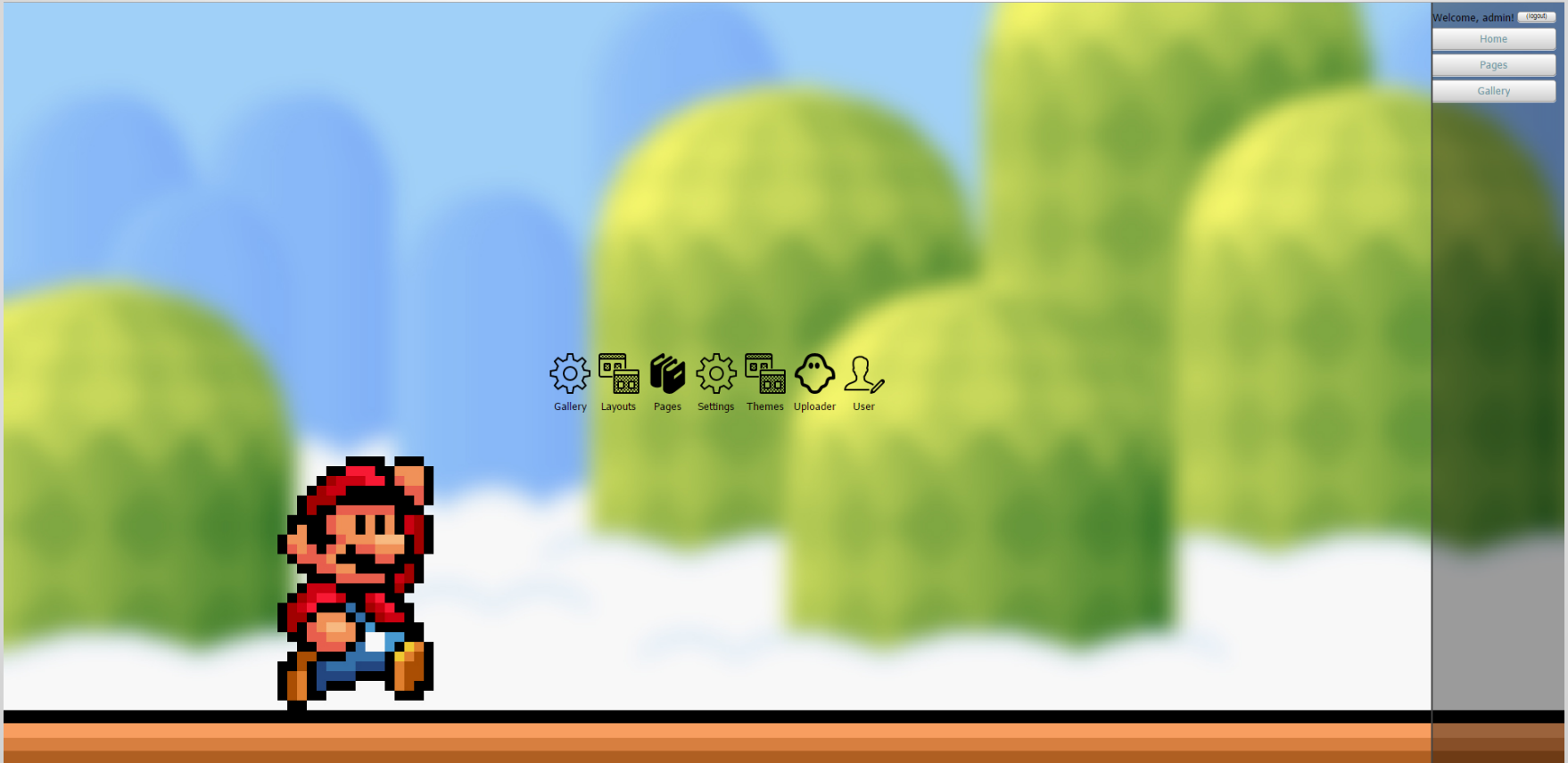
Honey Badgers Inc CMS Project

Baskin Engineering
UC SANTA CRUZ



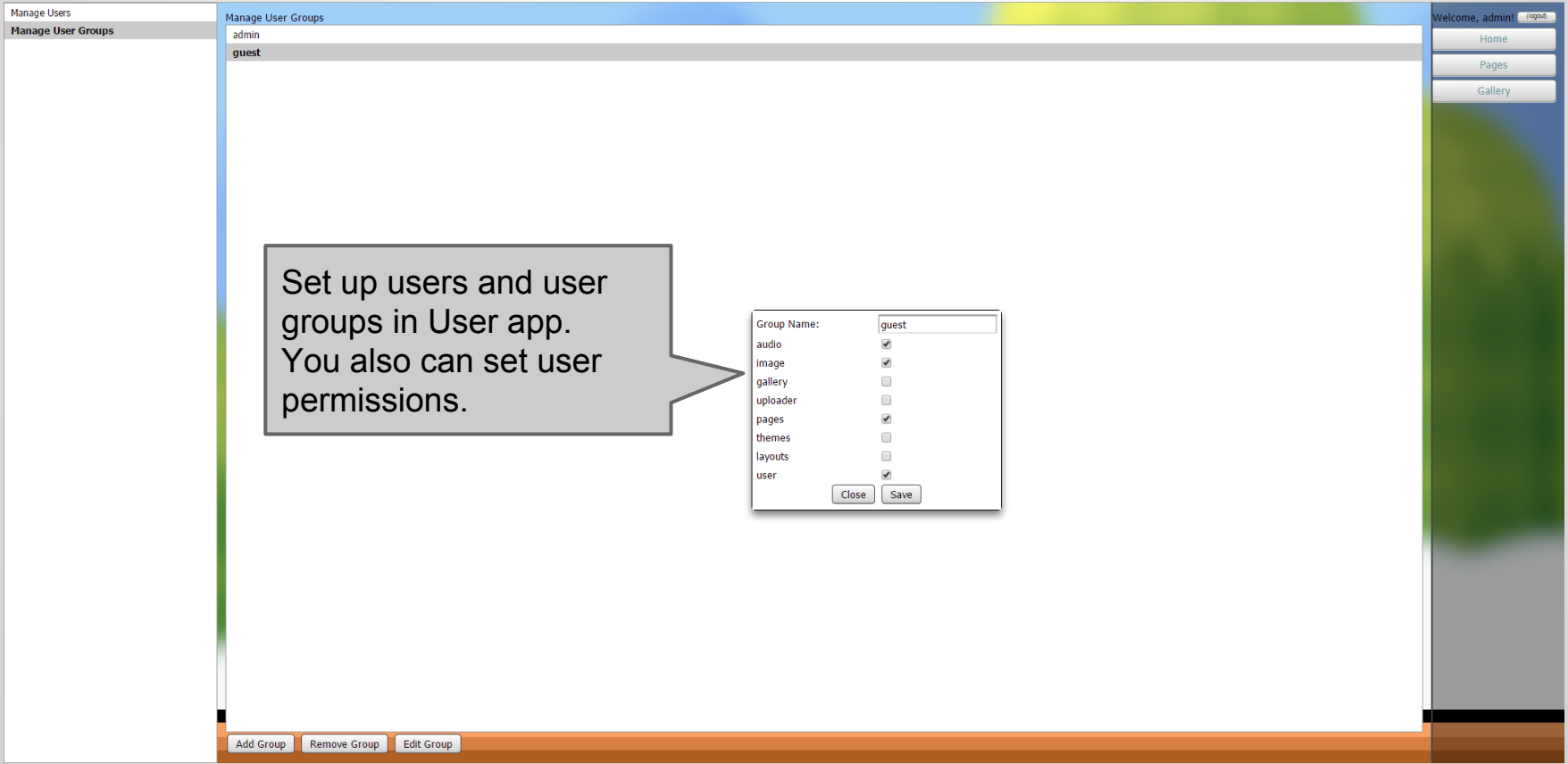
Honey Badgers Inc CMS Project

Baskin Engineering
UC SANTA CRUZ



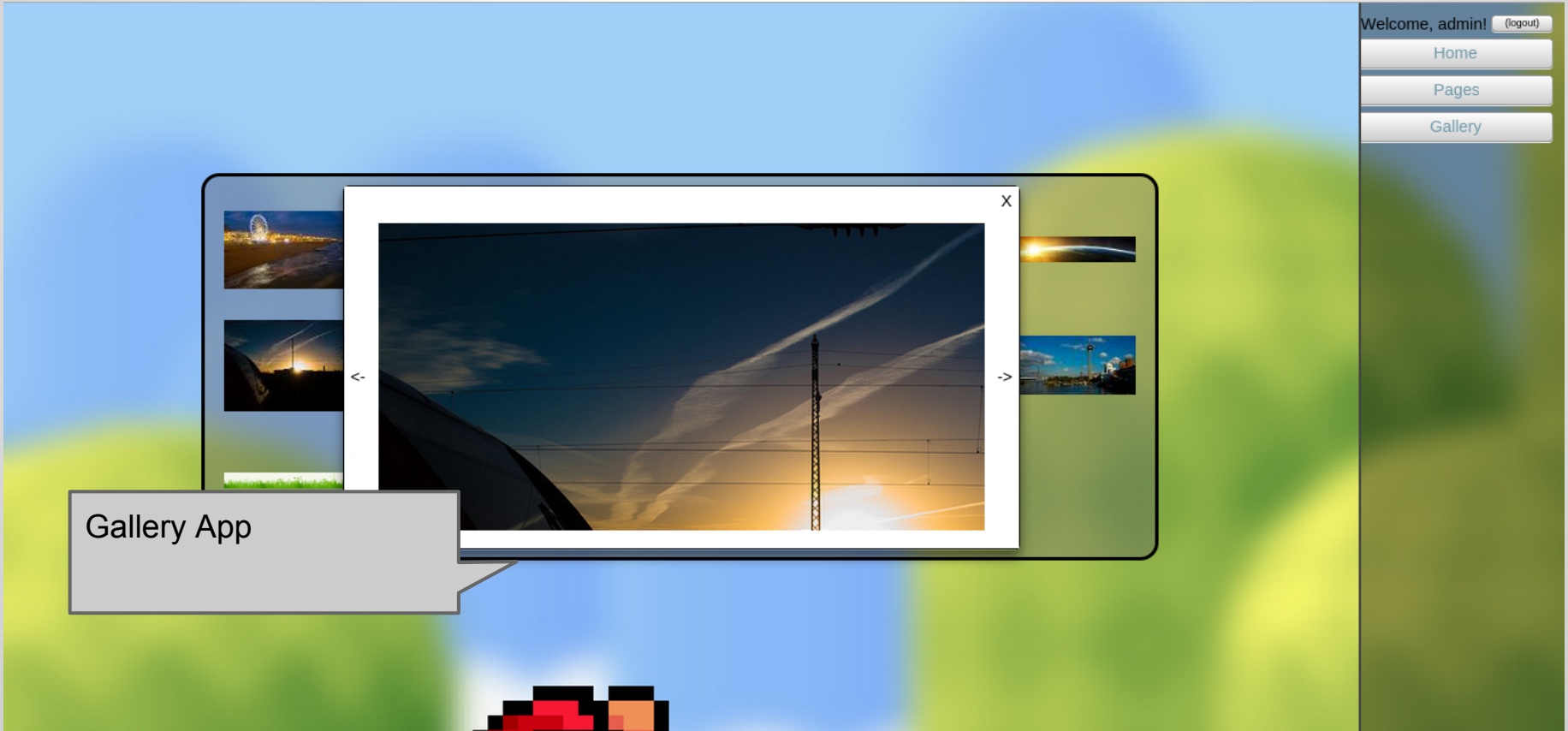
Honey Badgers Inc CMS Project

Baskin Engineering
UC SANTA CRUZ



Honey Badgers Inc CMS Project

Baskin Engineering
UC SANTA CRUZ

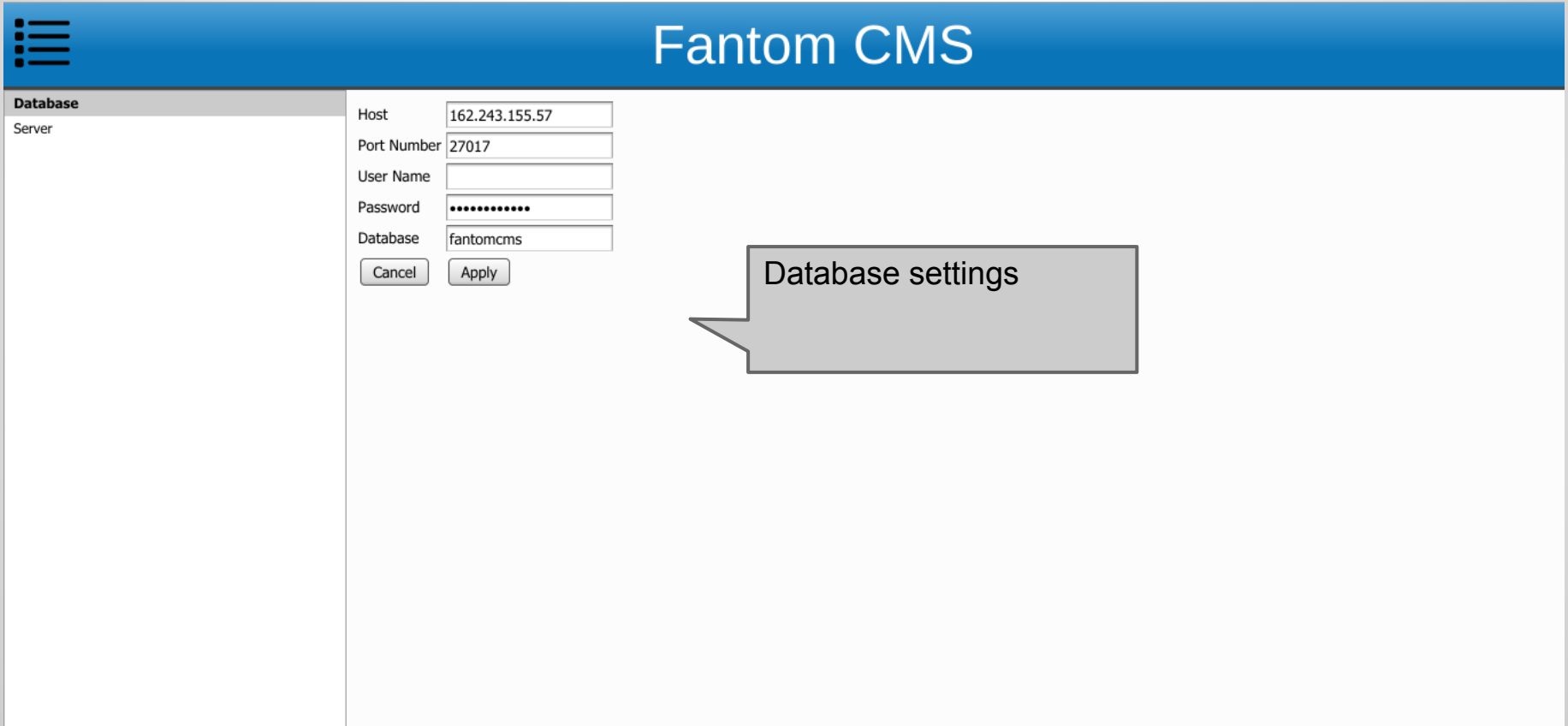


Honey Badgers Inc CMS Project

Baskin Engineering
UC SANTA CRUZ

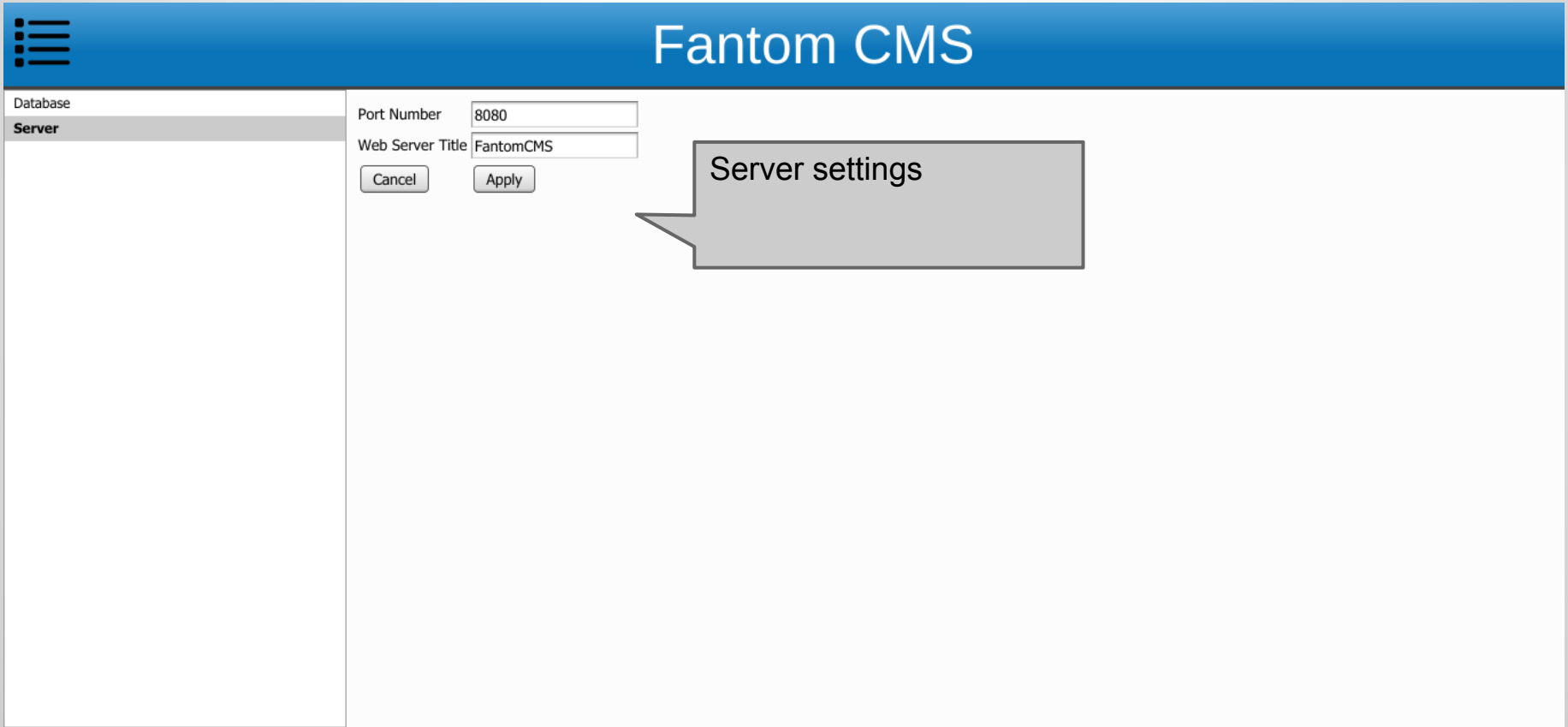
Honey Badgers Inc CMS Project

Baskin Engineering
UC SANTA CRUZ



Honey Badgers Inc CMS Project

Baskin Engineering
UC SANTA CRUZ



Honey Badgers Inc CMS Project

Baskin Engineering
UC SANTA CRUZ

Questions?