

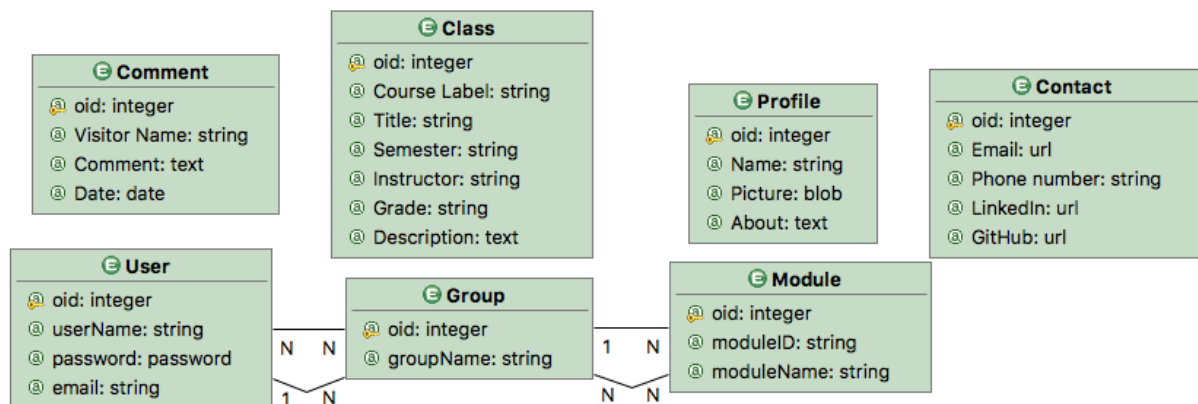
Nick Petty

Homework 1

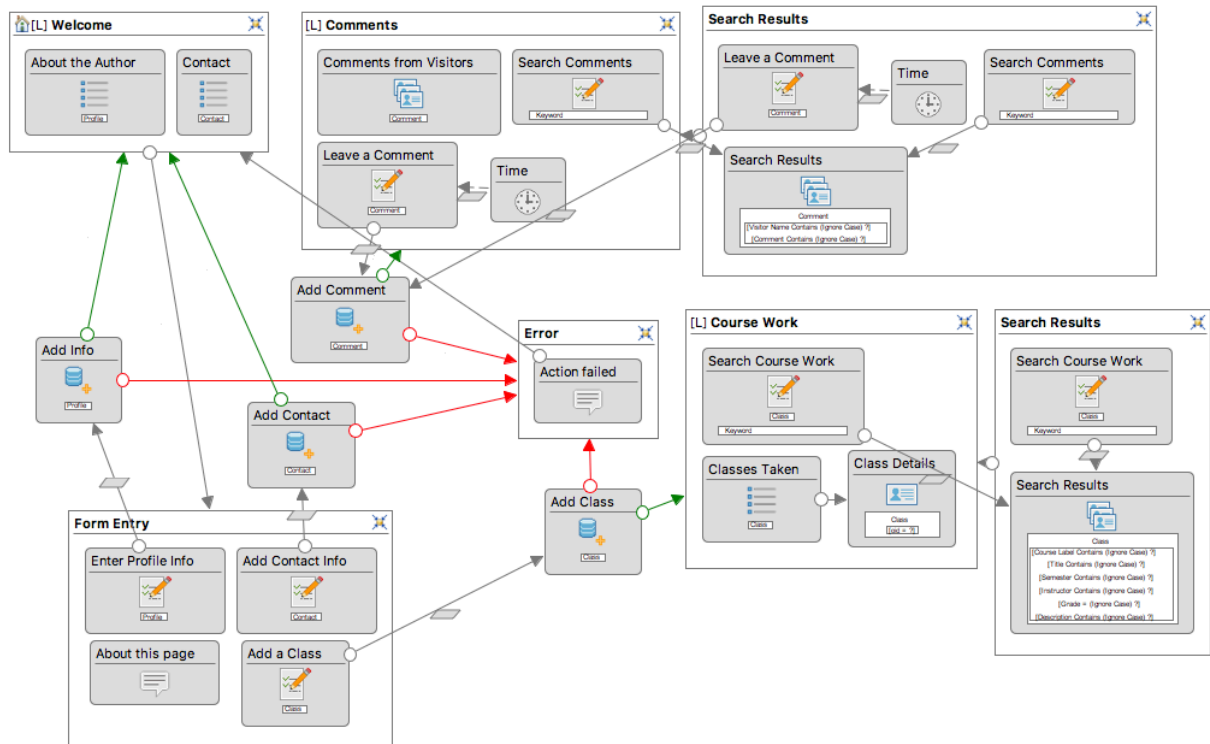
This report details the creation and deployment of my website. The homepage is at <http://freeb60c4-freeapp.eu.webratio.net>, under the user account npetty2014@fau.edu using the password 2016WebRatio.

Development

The database uses the structure in the image below. The entities Comment, Class, Profile, and Contact were added to the previously included entities User, Group, and Module. The Comment entity stores comments left by site visitors, the Class entity stores information about classes I've taken, the Profile entity stores the information in my profile, and the Contact entity store my contact information.

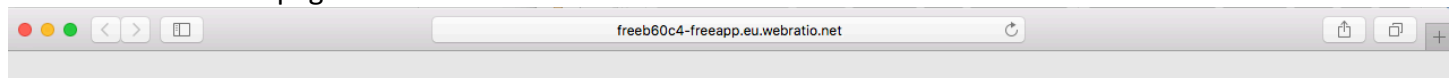


The website's pages and flows are shown in the image below. Users land on the Welcome page, which displays my profile information. Because of my limited skill with WebRatio, I was not able to implement an administrator system, so forms for adding profile, contact, and class information are in the Form Entry page, linked to from the home page. The Comments page allows users to leave comments about the site via a form. Although only the name and comment are user-input, I added a page element to also save the date when the comment was created. Comments can be searched by keyword, and the results are displayed on a new page which is made to look like a filtered list. The Course Work page uses a master-details list to show the title and name of all the classes, with a Details button that shows the rest of the information about that class. Like the Comments page, this page is also searchable by keyword and displays results in the same manner. OK and KO flows are used whenever the database is updated in the event of an action failure.



Appearance

This is the Welcome page as a visitor sees it.



Welcome
Comments
Course Work

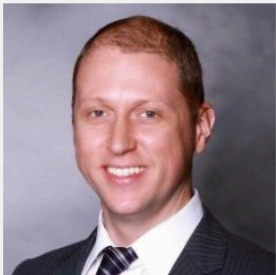
Welcome

Form Entry

About the Author

Picture

Name About



Nick Petty

A Computer Science student at Florida Atlantic University, Nick is currently working towards his master's degree, with a focus on big data analytics. He holds bachelors' degrees in Mathematics and Computer Science. Working for Unify, he contributes to the development of the Circuit collaboration application through quality assurance testing and server maintenance.

Contact

Email

Phone number

LinkedIn

GitHub

npetty2014@fau.edu
561-777-5030
https://www.linkedin.com/in/nicholasepetty
https://github.com/Ninjinikai

This is the Comments page.

Name

Comment

Submit

Keyword

Visitor Name

Date _____

Comment

- | | | |
|--------------------|---------|---------------------------------------------------------------------------------------|
| ➤ Nick Petty | 9/24/16 | Welcome to my page, please leave a comment! Hopefully all my data won't be wiped out. |
| ➤ Natalia | 9/24/16 | |
| ➤ Natalia | 9/24/16 | Looks great!:)) |
| ➤ Nick | 9/24/16 | If the comment input box doesn't show up, reload the page. It's there.... |
| ➤ Andrew Steinberg | 9/24/16 | Way to go Nick! (insert awesome gif pic) lol |
| ➤ Natalia | 9/24/16 | This awesome text box is here! It was hiding:) |

And this is the page after a search for the word “reload” has been made.

Welcome

Comments

Course Work

[Home](#) > Search Results

Clear search

Leave a Comment

Name

B

I

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☷

🔗

🔗

?

Comment

Submit

Search Comments

Keyword

Search

Search Results

Visitor Name

Date

Comment

> Nick9/24/16If the comment input box doesn't show up, reload the page. It's there....

This is the Course Work page without details shown.

Welcome

Comments

Course Work

[Home](#) > Course Work

Classes Taken

Course Label

Title

> CAP6777

Web Mining

Details

> ISM6405

Advanced Business Analytics

Details

> CNT6517

Mobile Computing

Details

> COT6405

Analysis of Algorithms

Details

> COT6930

Social Networks and Big Data Analytics

Details

> COT5930

Programming Languages

Details

> COT5930

Applied Cryptography

Details

Search Course Work

Keyword

Search

Here is the same page after showing the details for a class.

🏠 > Course Work

Classes Taken

Course Label	Title	
> CAP6777	Web Mining	Details
> ISM6405	Advanced Business Analytics	Details
> CNT6517	Mobile Computing	Details
> COT6405	Analysis of Algorithms	Details
> COT6930	Social Networks and Big Data Analytics	Details
> COT5930	Programming Languages	Details
> COT5930	Applied Cryptography	Details

Search Course Work

Keyword

Class Details

Course Label	COT5930
Title	Programming Languages
Semester	Fall 2015
Instructor	Huang
Grade	A
Description	Learned about features common to multiple programming languages, and what sets them apart from each other. Wrote simple programs in Python, Perl, and CLISP.

Here are the results of searching the Course Work page for the keyword “analytics.”

Welcome Comments **Course Work**

🏠 > Search Results

Search Results

Course Label	Title	Semester	Instructor	Grade	Description
> ISM6405	Advanced Business Analytics	Summer 2016	Cerveny	A	Made extensive use of Excel for the purpose of examining data sets. Used Visual Basic for Applications to write programs that manipulated spreadsheet data.
> COT6930	Social Networks and Big Data Analytics	Spring 2016	Zhu	A	Learned about how social networking sites can be used to determine details about a population group. Studied big data management technology, specifically Hadoop and MapReduce, and used MapReduce for simple word count analysis.

Search Course Work

Keyword

[Clear search](#)

Finally, this is the Form Entry page that is used to add information to my user profile, contact information and course work.

About this page

This page is for adding profile, contact, and class information. It is for administrative purposes, please do not use it!

Enter Profile Info

Name

Picture no file selected

B**I**

About

Add Contact Info

Email

Phone Number

LinkedIn

GitHub

Add a Class

Course Label

Title

Semester

Instructor

Grade

B**I**

Description