Course information

Christopher Suitor

Ben Sylvester

Nana Nimako

Assignment: Final Project

THE CNB SWAPPER

Version <1.0>

Title of project	Version <1.0>
The CNB Swapper	Date : 10/30/2018

Table Of Contents

Title of project	Version <1.0>
The CNB Swapper	Date : 10/30/2018

Time Log

		Estimated time to complete assignment =>	70 Hours

Date	Time Spent (in hours)	Description	Author
10/31	1	Created git repo. Discussed project topic and group roles.	Christopher T. Suitor, Nana Nimako, Benjamin Sylvester
11/03	0.5	Creating time log and adding all members to it. Remind group of our email update due Monday. Work on email update	Benjamin Sylvester
11/08	1.5	Digressed our project idea to be more competitive for the CS Fair. Entered the CS Fair. Created a draft walkthrough of our website. Determined the functionalities we wanted. Created a draft of the database structure.	Christopher T. Suitor, Nana Nimako, Benjamin Sylvester
11/12	1	Created initial files and created the initial commit. Also created draft for look of home page.	Christopher Suitor
11/13	1.5	Added the final slider, nav and some css for the index page	Nana Nimako
11/19	2	Finished HTML for form. Working to create tables in PHP myAdmin to select and insert into. Created the database, tables, and ERD diagram. Started working on saving form data to database	Benjamin Sylvester Christopher Suitor
11/29	3	Continued work on the database. Populated tblHalls with all the UVM residential halls. Created the listbox of halls. Ammended the tables. Added form fields for comments, and I am working on image uploads.	Christopher Suitor
11/29	2	Created all the campus pages	Nana Nimako
11/30	2	finished uploading images process, finished htaccess creation/application/reorganization, finished the tables as of the current	Christopher Suitor
11/30	1	Group Meeting. Combined our code. Got an updated version on everybody's machine. CSS.	Christohper T. Suitor, Nana Nimako, Benjamin Sylvester
12/02	2	Edited the css for the pages and all the pictures that was taken fot the site	Nana Nimako

Title of project	Version <1.0>
The CNB Swapper	Date : 10/30/2018

12/03	1	Created PHP for the listing/market page and sent it to the team	Christopher Suitor
12/03	1.5	Adding some new content and made a new page for the project	Nana Nimako
12/04	6	A lot of CSS, and got pages and tables working for in-class presentation.	Christopher T. Suitor, Nana Nimako
12/06	2	Fixed all HTML errors and css	Nana Nimako
	28	<=Total Time Spent	

Introduction

Purpose

The purpose of this document is to describe the requirement specification for the web site "The CNB SWAPPER".
The intended audience for this document is UVM undergraduate Students

First it is the contract between you and the client. Second it is for the developer of the site. Two primary goals are:
   1. Client gets a very good understanding of what you will be delivering.
   2. Developer has a very good understanding of what they are going to create.

Definitions, acronyms, and abbreviations

Sample for the client:
ER Diagram – a diagram to represent the data you want to save with your system
W3 Validation – refers to both Html and CSS validation tool provided by the W3c.org. the html validator is located at:
http://validator.w3.org/
with the CSS validator located at:
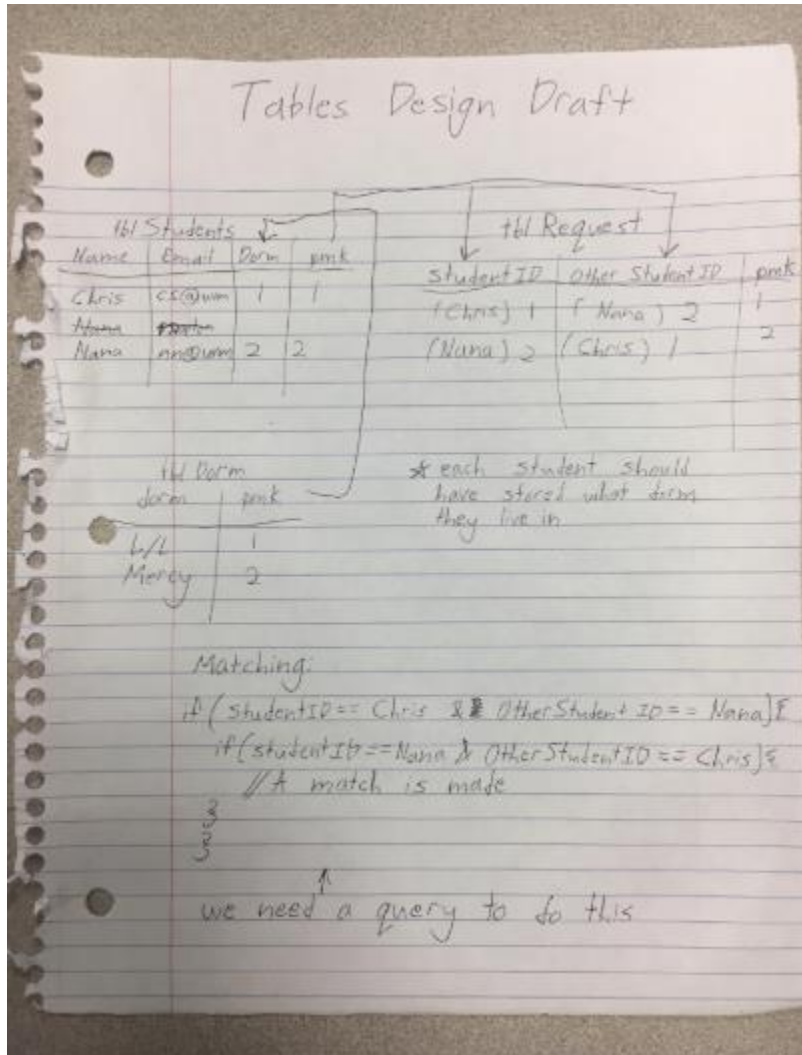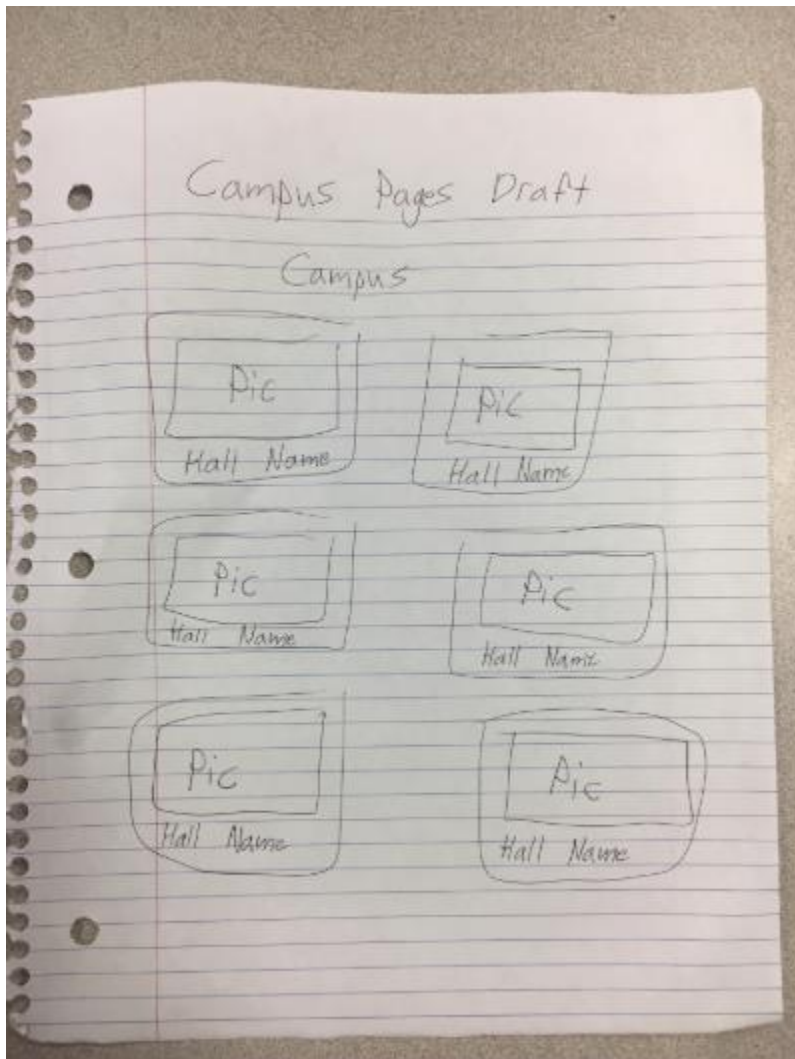http://jigsaw.w3.org/css-validator/

Overall Description

The CNB Swapper is web application designed for UVM underclassmen to swap dorms with another student on campus. The student fills out our form application, and their application is sent to our explore page. From here, users can view all swap postings. If they see a dorm they would be interested in swapping into, they can select that dorm and request a swap. For a match to be made, the two users have to request each other's posting. When that occurs, an email message is sent to both users notifying them that a match has been made.

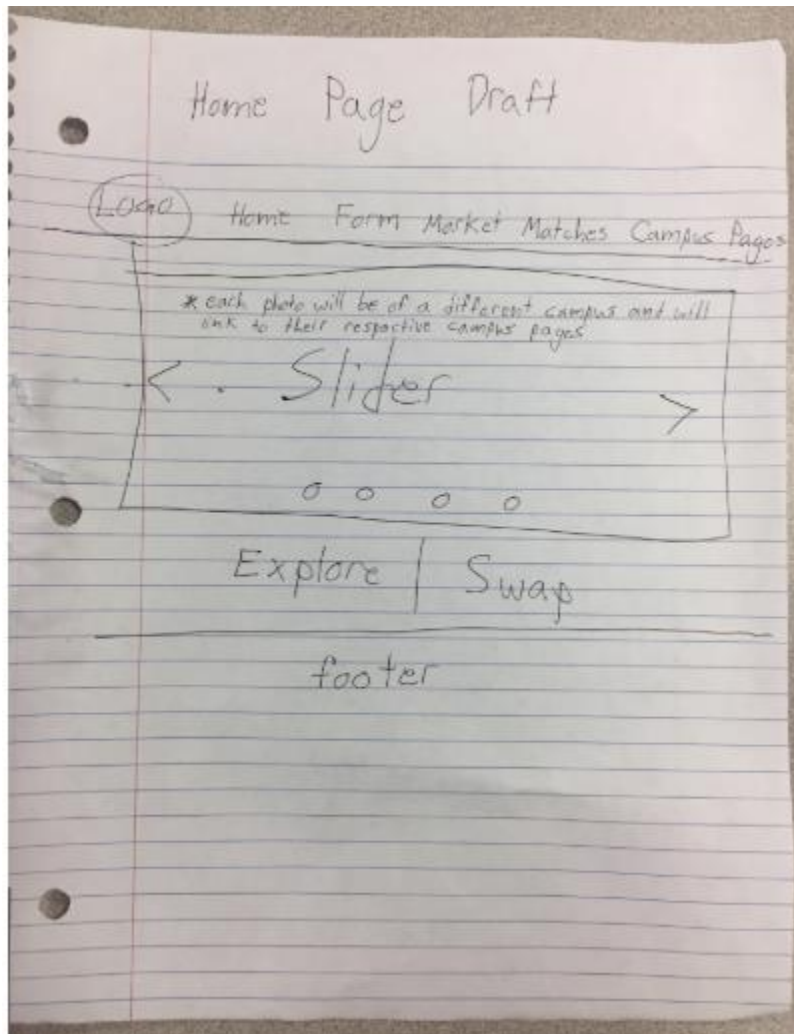| Title of project	Version <1.0>
The CNB Swapper	Date : 10/30/2018

Story Board

Title of project	Version <1.0>
The CNB Swapper	Date : 10/30/2018

Home Page Draft

Logo Home Form Market Matches Campus Pages

* each photo will be of a different campus and will link to their respective campus pages

< . Slider   >

o o   o   o

Explore | Swap

footer

Form Draft

Swap!

First Name [   ]

Last Name [   ]

Email [   ]

Hall [L/L ▼]
     [McAuley]
     [Mercy]

Room Number [   ]

Dorm Style [Traditional ▼]
           [Suite]

Roommates [0 ▼]

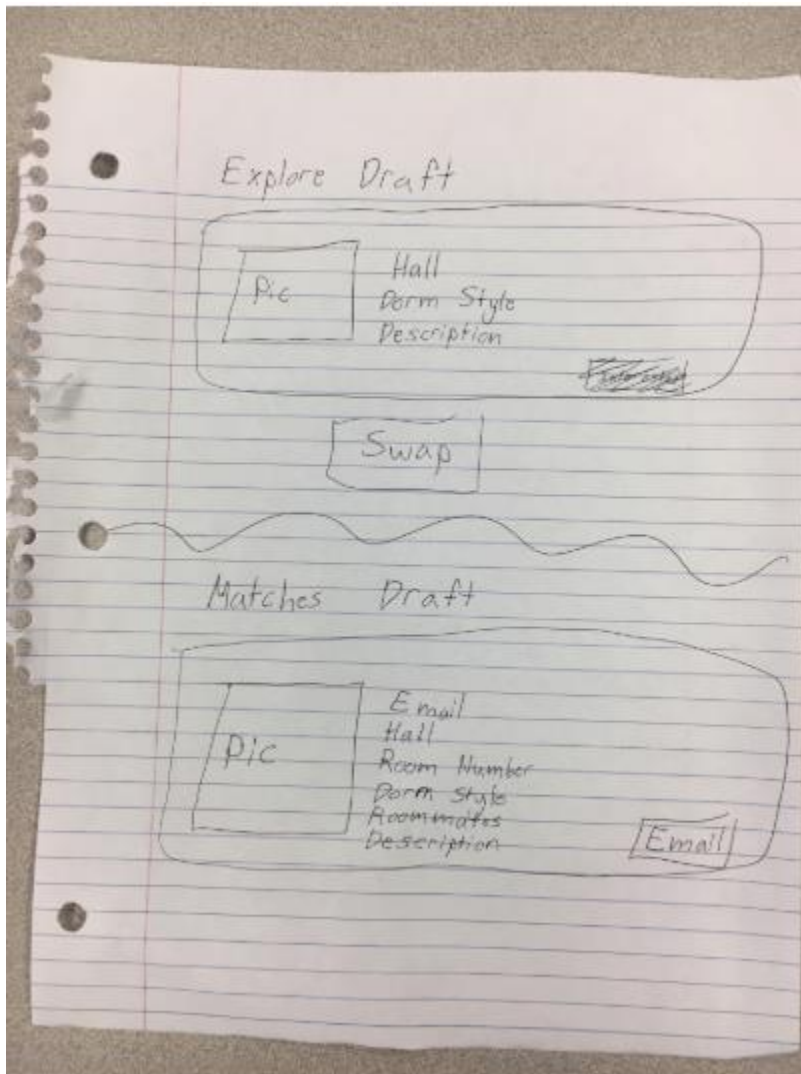Class Standing ●Freshman ○Sophomore
                ○Junior   ○Senior

Comments: [   ]

Upload Pic: [ ]

Please select your Reason: ☑ Roommate ☐ Location
(this will be kept private) ☑ Food ☐ Other

[Register]

Data Dictionary

Paste your Data Dictionary here. The final version is easy to get by exporting to the screen in phpMyadmin

Title of project	Version <1.0>
The CNB Swapper	Date : 10/30/2018

tblDorms

Column	Type	Null	Default	Links to	Comments
fnkStudentId	int(2)	No		tblStudentInfo -> pmkStudentId	
fldRoomNumber	varchar(4)	No			
fldRoommates	int(2)	No			
fldDormStyle	varchar(11)	No			
fnkHallId	int(2)	No		tblHalls -> pmkHallId	
fldDescription	varchar(250)	No			
fnkImageId	int(2)	No		tblUserImages -> pmkImageId	
pmkUserDormId (Primary)	int(2)	No			

Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	pmkUserDormId	1	A	No	
fnkStudentId	BTREE	No	No	fnkStudentId	1	A	No	
fnkHallId	BTREE	No	No	fnkHallId	1	A	No	
fnkImagePath	BTREE	No	No	fnkImageId	1	A	No	

tblHalls

Column	Type	Null	Default	Links to	Comments
fldHall	varchar(25)	No			
pmkHallId (Primary)	int(2)	No			

Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	pmkHallId	33	A	No	

tblRequest

Column	Type	Null	Default	Links to	Comments
fnkStudentID	int(3)	No		tblStudentInfo -> pmkStudentId	
fnkOtherStudentId	int(3)	No		tblStudentInfo -> pmkStudentId	
fnkDormIdRequested	int(2)	No		tblDorms -> pmkUserDormId	
pmkRequestId (Primary)	int(2)	No			

Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	pmkRequestId	0	A	No	
fnkStudentID	BTREE	No	No	fnkStudentID	0	A	No	
				fnkOtherStudentId	0	A	No	
fnkHallRequested	BTREE	No	No	fnkDormIdRequested	0	A	No	
fnkOtherStudentId	BTREE	No	No	fnkOtherStudentId	0	A	No	

tblStudentInfo

Column	Type	Null	Default	Links to	Comments
fldNetIdUsername	varchar(20)	No			
fldFirstName	varchar(20)	No			
fldLastName	varchar(20)	No			
fldEmail	varchar(20)	No			
fldClassStanding	varchar(9)	No			
fnkDormId	int(3)	No			
pmkStudentId *(Primary)*	int(3)	No			

Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	pmkStudentId	2	A	No	
fnkDormId	BTREE	No	No	fnkDormId	2	A	No	

tblUserImages

Column	Type	Null	Default	Links to	Comments
fldImagePath	varchar(250)	No			
pmkImageId *(Primary)*	int(3)	No			

Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	pmkImageId	1	A	No	

Title of project	Version <1.0>
The CNB Swapper	Date : 10/30/2018

ER- Diagram

You can use power point or any program really. Past the image here.

tblStudentInfo (NNIMAKO_final_project)
- fldNetIdUsername : varchar(20)
- fldFirstName : varchar(20)
- fldLastName : varchar(20)
- fldEmail : varchar(20)
- fldClassStanding : varchar(9)
- # fnkDormId : int(3)
- pmkStudentId : int(3)

tblDorms (NNIMAKO_final_project)
- # fnkStudentId : int(2)
- fldRoomNumber : varchar(4)
- # fldRoommates : int(2)
- fldDormStyle : varchar(11)
- # fnkHallId : int(2)
- fldDescription : varchar(250)
- # fnkImageId : int(2)
- pmkUserDormId : int(2)

tblHalls (NNIMAKO_final_project)
- fldHall : varchar(25)
- pmkHallId : int(2)

tblRequest (NNIMAKO_final_project)
- # fnkStudentID : int(3)
- # fnkOtherStudentId : int(3)
- # fnkDormIdRequested : int(2)
- pmkRequestId : int(2)

tblUserImages (NNIMAKO_final_project)
- fldImagePath : varchar(250)
- pmkImageId : int(3)

Schema

Paste your schema here. The final version is easy to get by exporting to the screen in phpMyadmin

Specific requirements

1. *You fill out* – This is where you would put the exact detail of what you want for the project. For example:
2. *Title for main page*: CNB Swapper
3. *Meta Description*: A web application that allows undergraduates from the university of Vermont get the opportunity to upload or list their dorm on a market for swap or change
4. *Meta Character set*: UTF - 8
5. *Logo*:

6. *Main page photo*:
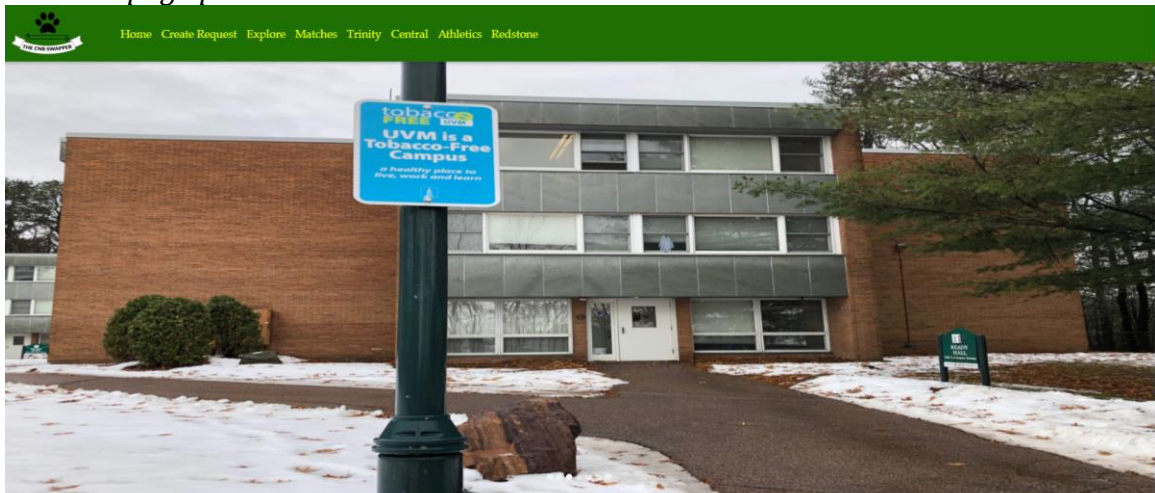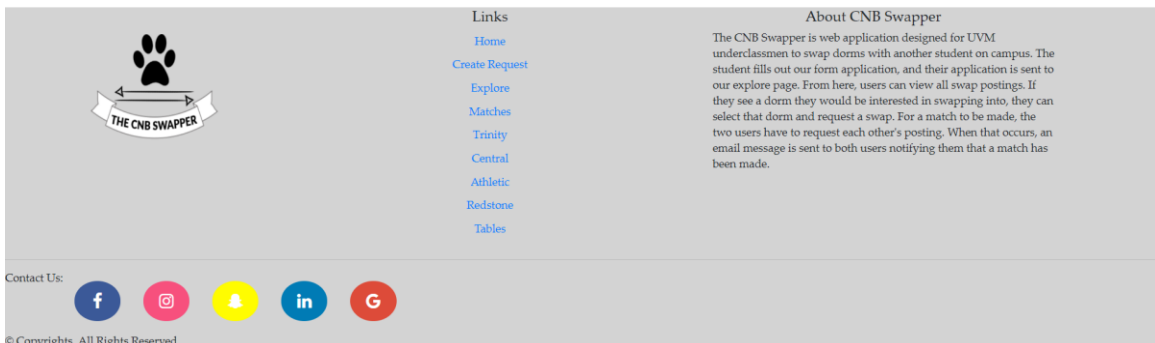
7. *Campuses pages*:

Trinity Campus
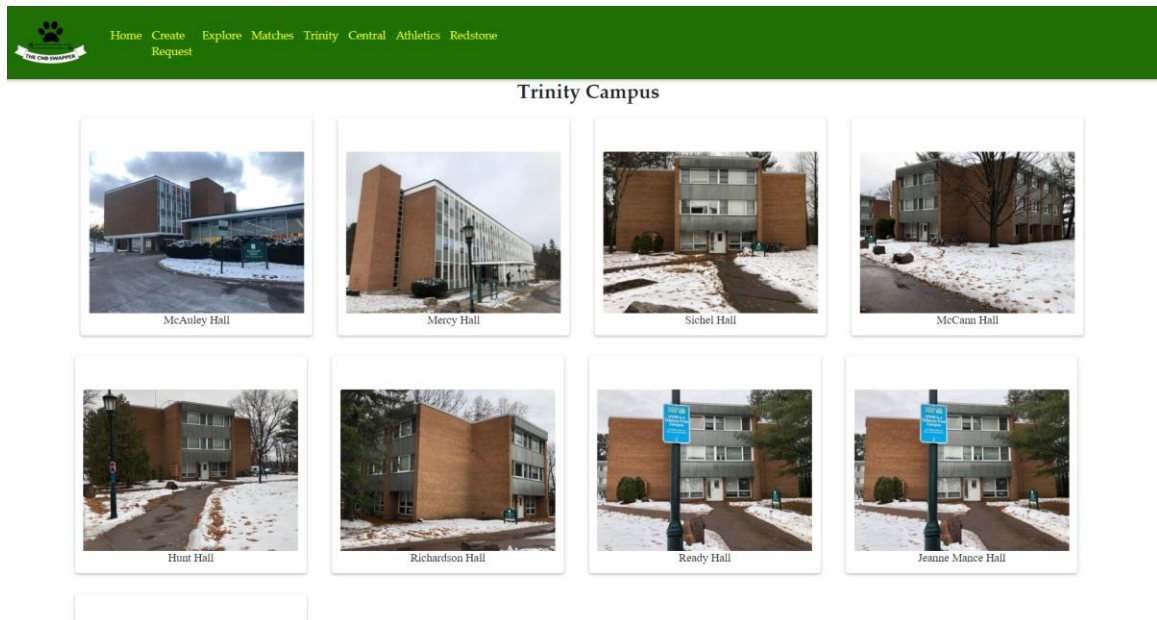
This was repeated for the other campuses on campuses. I.e.: central, athletic, and Redstone

8. Create a Request Page

Apply to Swap Today!
Your information will be sent to our swapping database where we will try to pair you with a fellow swapper.

Upload a picture of your dorm:
Choose File | No file chosen
Register

Links

Home

Create Request

Explore

Matches

Trinity

Central

Athletic

Redstone

Tables

About CNB Swapper

The CNB Swapper is web application designed for UVM underclassmen to swap dorms with another student on campus. The student fills out our form application, and their application is sent to our explore page. From here, users can view all swap postings. If they see a dorm they would be interested in swapping into, they can select that dorm and request a swap. For a match to be made, the two users have to request each other's posting. When that occurs, an email message is sent to both users notifying them that a match has been made.

Contact Us:

© Copyrights. All Rights Reserved

9. Explore

Home   Create Request   Explore   Matches   Trinity   Central   Athletics   Redstone

Post
Hall: Austin
Dorm Style: Traditional
Description: Cool

DELETE   UPDATE

Interested in this dorm?   CLICK HERE!

10. Matches
When There's no matches

Home   Create   Explore   Matches   Trinity   Central   Athletics   Redstone   Tables
Request

YOU DO NOT HAVE ANY MATCHES.
Check back later.

When there's a match

Title of project	Version <1.0>
The CNB Swapper	Date : 10/30/2018

Match
Email:ben.sylvester@uvm.ed
Hall: Austin
Room Number: 3
Dorm Style: Traditional
Roommates: 1
Description: fun dorm

Ready to take the next step?   Accept!