Final Project for SW Engineering Class CSC 648-848 Spring 2019

Team 206

DIYup

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Jason Wei (zwei@mail.sfsu.edu) [Frontend Lead]

http://54.67.109.241/#/

12/19/19

Version Table

Date	Milestone	Version
12/19/19	Milestone 5	1.0.0
12/12/19	Milestone 4	2.0.0
12/5/19	Milestone 4	1.0.0
11/23/19	Milestone 3	1.0.0
11/15/19	Milestone 2	2.0.0
10/17/19	Milestone 2	1.0.0
10/10/19	Milestone 1	2.0.0
10/3/19	Milestone 1	1.0.0

Product Summary

Product Name: DIYup

Major Functions

Guest User

1. Guest users shall be allowed to register for an account for each unique email.
2. Guest users shall be allowed to search for tutorials posted by registered users.
3. Guest users shall be allowed to view tutorials posted by registered users.
4. Guest users shall be allowed to view tutorials based on categories.
5. Guest users shall be allowed to view comments posted by registered users.
6. Guest users shall be allowed to view tutorial ratings.

Registered User

1. Registered users shall be allowed to log out.
2. Registered users shall be allowed to recover their account passwords.
3. Registered users shall be allowed to have a verified code to recover their account passwords
4. Registered users shall be allowed to search for tutorials.
5. Registered users shall be allowed to view tutorials based on categories.
6. Registered users shall be allowed to post tutorials.
7. Registered users shall be allowed to include tools and materials lists with their posted tutorials.
8. Registered users shall be allowed to delete their posted tutorials.
9. Registered users shall be allowed to post comments.
10. Registered users shall be allowed to rate tutorials
11. Registered users shall be allowed to view tutorial ratings.
12. Registered users shall be allowed to view comments posted by registered users.
13. Registered users shall be allowed to reply to comments by other registered users.

Admin

1. Admin accounts shall be reserved to the developers.
2. Admin accounts shall be created on the server side.
3. Admins shall have all of the abilities of registered users.

4. Admins shall be allowed to delete any tutorials.

DIYup allows users to experience DIY projects in an easy to use and seamless application by allowing more community involvement such as allowing users to rate their own projects as well as rate the difficulty of other user's projects. Through this community rating, users are able to better determine the difficulty of projects. Another user friendly feature DIYup uses is a parts and materials list in order to make recreating a project easy for users.

URL: http://54.67.109.241/#/

Product Screenshots

CSC648/848

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DIY up

Log In | Sign Up

Tutorial Title

STEP-BY-STEP PROJECTS BY USERS FOR USERS

PLEASE SIGN IN TO CREATE TUTORIALS

Category Filter

Title: 12 by jason123
Author's Difficulty Rating: 5.0
Users' Rating:
Category: Crafts

Description: 12

Title: 123 by jason123
Author's Difficulty Rating: 1.0
Users' Rating:
Category: Cooking

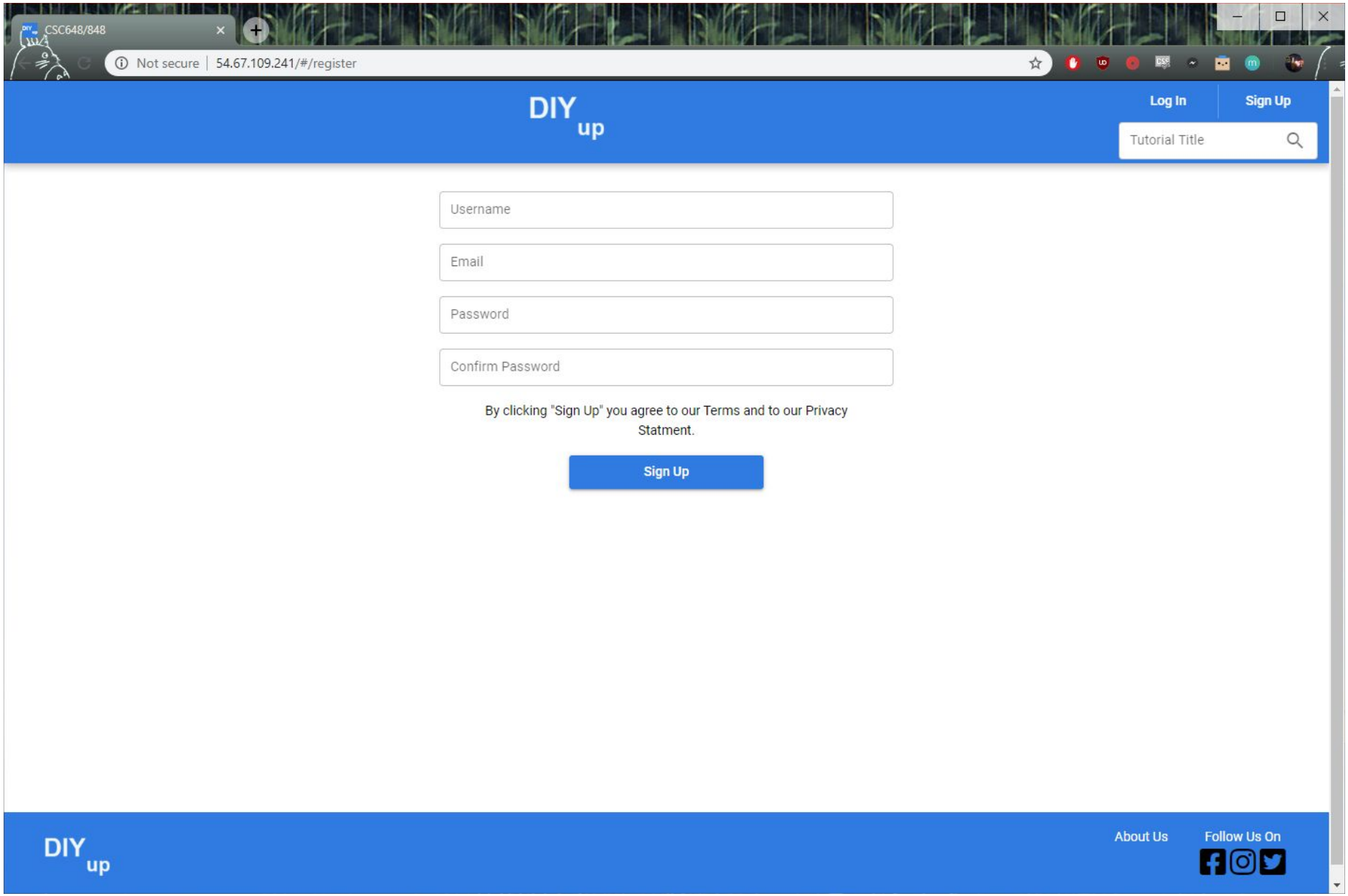
Description: 123

Title: 123 by admin
Author's Difficulty Rating: 1.0
Users' Rating:
Category: Cooking

Description: 123123

Title: 123 Tutorial by 123
Author's Difficulty Rating: 2.0
Users' Rating:
Category: Robotics

Description: This is 123 first tutorial


CSC648/848
Not secure
54.67.109.241/#/register
DIY up
Log In
Sign Up
Tutorial Title
Username
Email
Password
Confirm Password
By clicking "Sign Up" you agree to our Terms and to our Privacy Statment.
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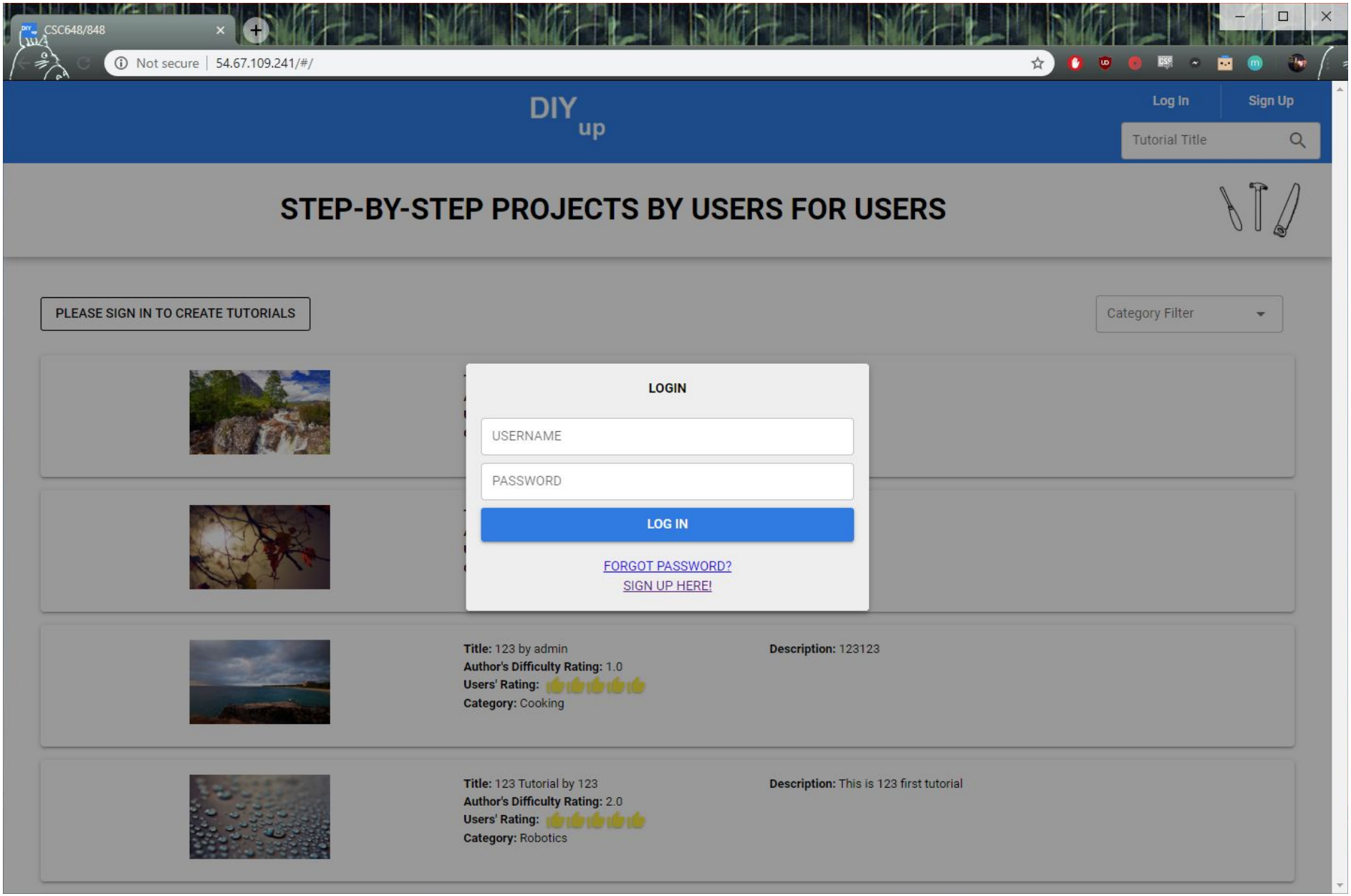
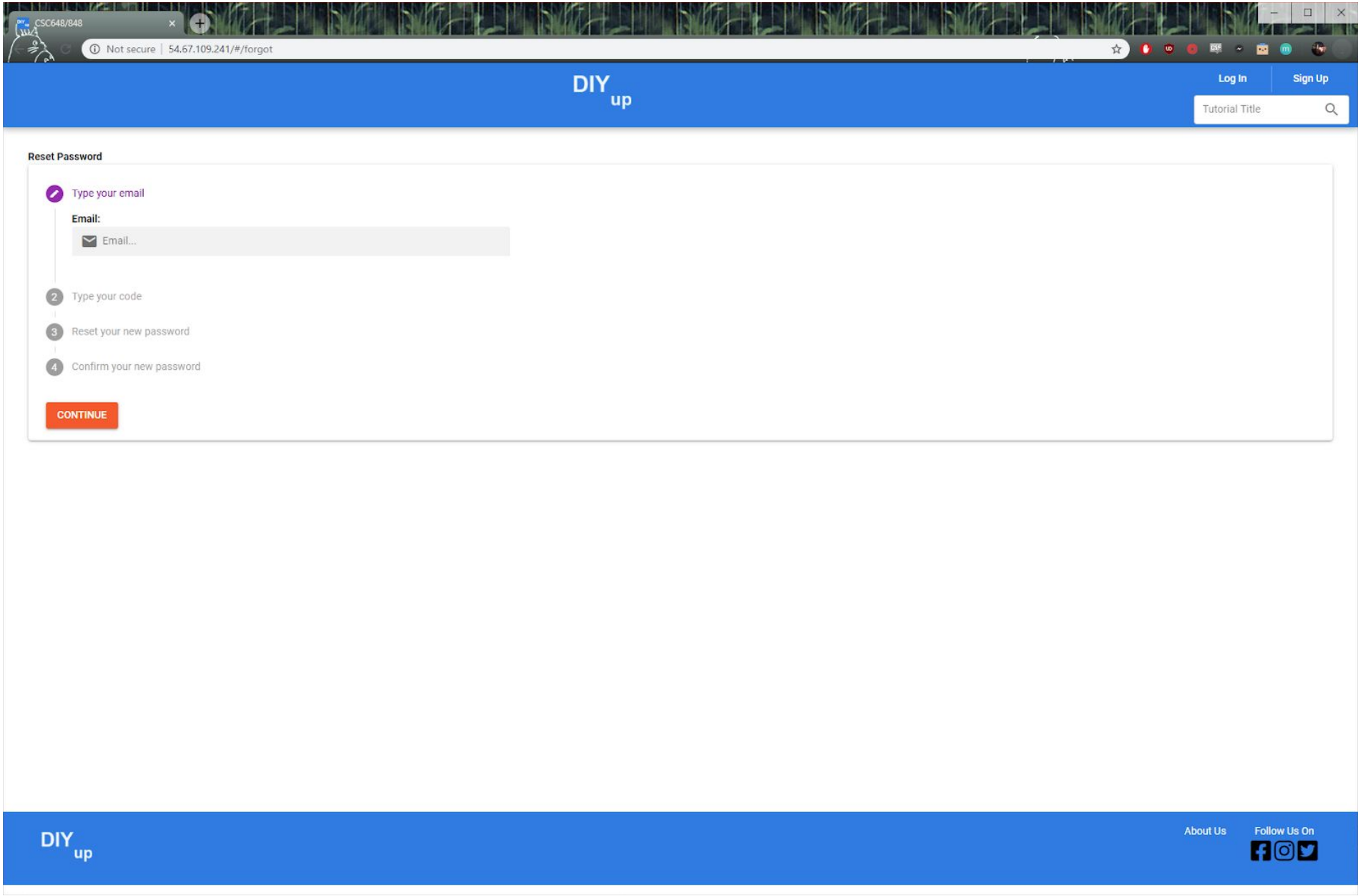

CSC648/848
Not secure
54.67.109.241/#/
DIY up
Log In
Sign Up
Tutorial Title
STEP-BY-STEP PROJECTS BY USERS FOR USERS
PLEASE SIGN IN TO CREATE TUTORIALS
Category Filter
LOGIN
USERNAME
PASSWORD
LOG IN
FORGOT PASSWORD?
SIGN UP HERE!
Title: 123 by admin
Author's Difficulty Rating: 1.0
Users' Rating:
Category: Cooking
Description: 123123
Title: 123 Tutorial by 123
Author's Difficulty Rating: 2.0
Users' Rating:
Category: Robotics
Description: This is 123 first tutorial


CSC648/848
Not secure | 54.67.109.241/#/forgot
DIY up
Log In
Sign Up
Tutorial Title
Reset Password
Type your email
Email:
Email...
2
Type your code
3
Reset your new password
4
Confirm your new password
CONTINUE
DIY up
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DIY up

Log Out

Tutorial Title

STEP-BY-STEP PROJECTS BY USERS FOR USERS

CREATE A NEW PROJECT

Category Filter

Title: 12 by jason123
Author's Difficulty Rating: 5.0
Users' Rating:
Category: Crafts

Description: 12

Title: 123 by jason123
Author's Difficulty Rating: 1.0
Users' Rating:
Category: Cooking

Description: 123

Title: 123 by admin
Author's Difficulty Rating: 1.0
Users' Rating:
Category: Cooking

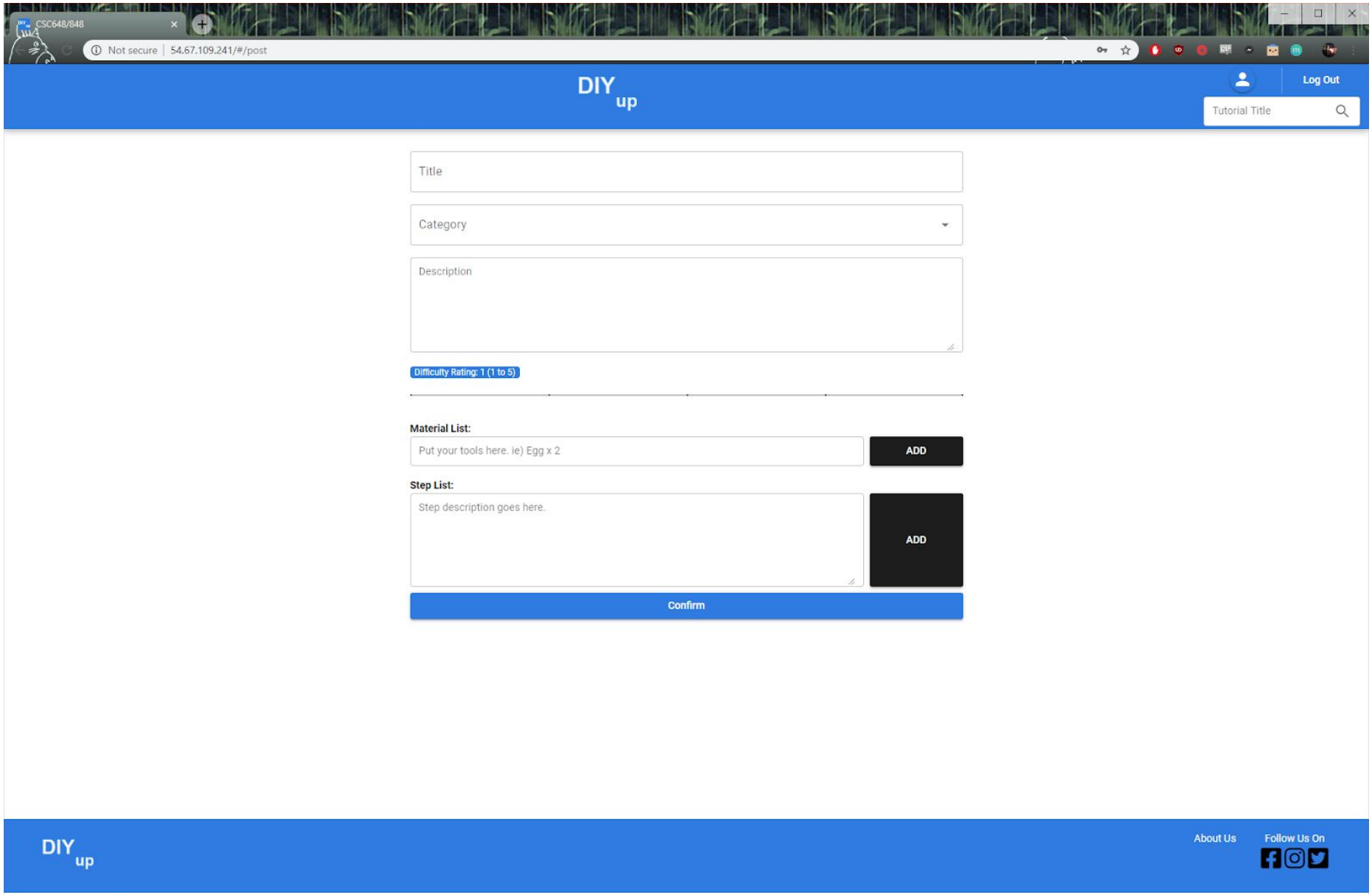
Description: 123123

Title: 123 Tutorial by 123
Author's Difficulty Rating: 2.0
Users' Rating:
Category: Robotics

Description: This is 123 first tutorial

Title: A Tutorial by admin
Author's Difficulty Rating: 2.0
Users' Rating:
Category: Robotics

Description: A description


CSC648/848
Not secure | 54.67.109.241/#/post
DIY up
Log Out
Tutorial Title
Title
Category
Description
Difficulty Rating: 1 (1 to 5)
Material List:
Put your tools here. ie) Egg x 2
ADD
Step List:
Step description goes here.
ADD
Confirm
DIY up
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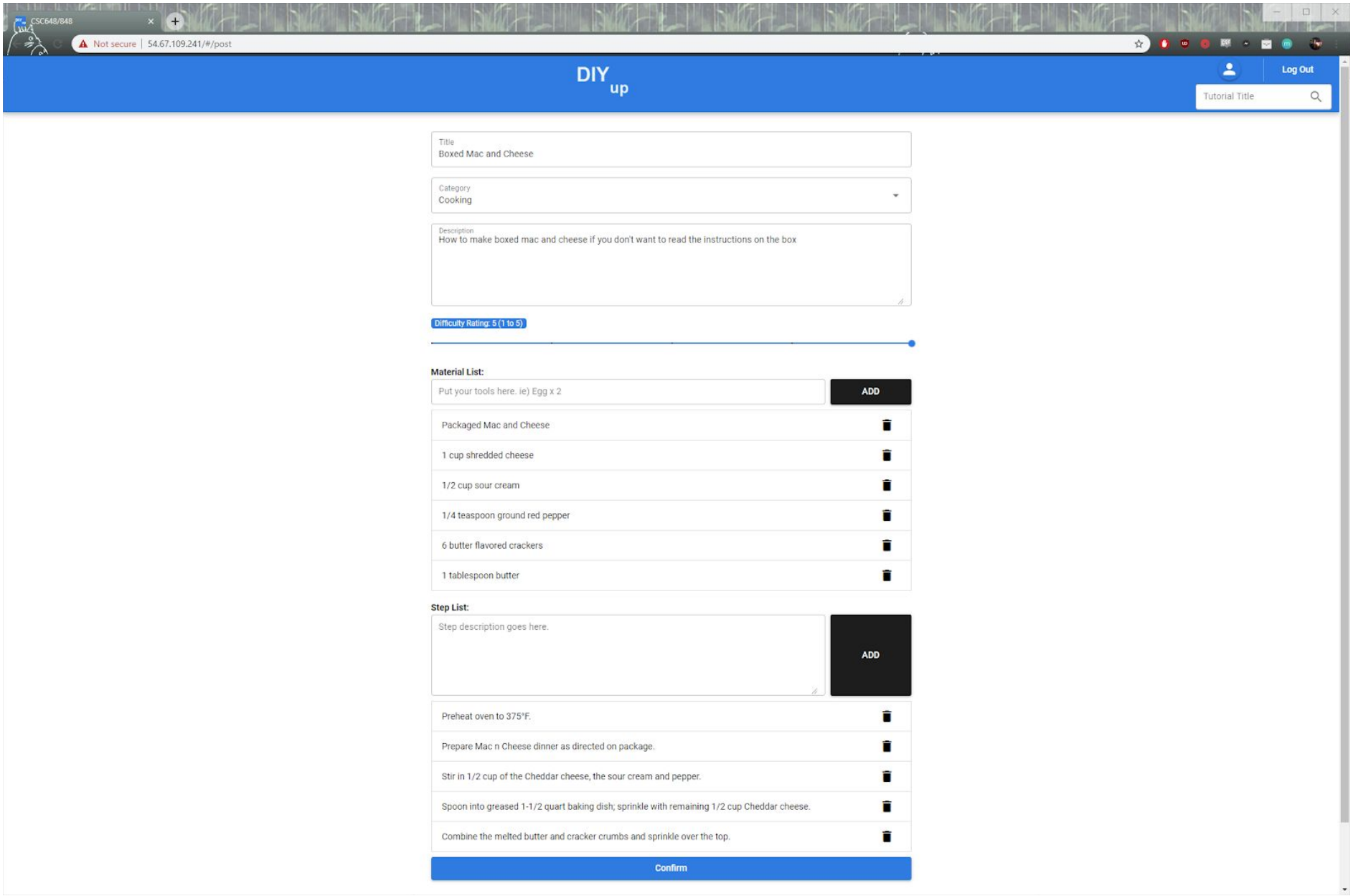
CSC648/848
Not secure | 54.67.109.241/#/post
DIY up
Log Out
Tutorial Title
Title
Boxed Mac and Cheese
Category
Cooking
Description
How to make boxed mac and cheese if you don't want to read the instructions on the box
Difficulty Rating: 5 (1 to 5)
Material List:
Put your tools here. ie) Egg x 2
ADD
Packaged Mac and Cheese
1 cup shredded cheese
1/2 cup sour cream
1/4 teaspoon ground red pepper
6 butter flavored crackers
1 tablespoon butter
Step List:
Step description goes here.
ADD
Preheat oven to 375°F.
Prepare Mac n Cheese dinner as directed on package.
Stir in 1/2 cup of the Cheddar cheese, the sour cream and pepper.
Spoon into greased 1-1/2 quart baking dish; sprinkle with remaining 1/2 cup Cheddar cheese.
Combine the melted butter and cracker crumbs and sprinkle over the top.
Confirm

CSC648/848

Not secure | 54.67.109.241/#/preview

DIY up

Log Out

Tutorial Title

Boxed Mac and Cheese

Description

How to make boxed mac and cheese if you don't want to read the instructions on the box

Material list

1. Packaged Mac and Cheese
2. 1 cup shredded cheese
3. 1/2 cup sour cream
4. 1/4 teaspoon ground red pepper
5. 6 butter flavored crackers
6. 1 tablespoon butter

Steps

1. Preheat oven to 375°F.
2. Prepare Mac n Cheese dinner as directed on package.
3. Stir in 1/2 cup of the Cheddar cheese, the sour cream and pepper.
4. Spoon into greased 1-1/2 quart baking dish; sprinkle with remaining 1/2 cup Cheddar cheese.
5. Combine the melted butter and cracker crumbs and sprinkle over the top.

Level of Difficulty: 5

EDIT DONE

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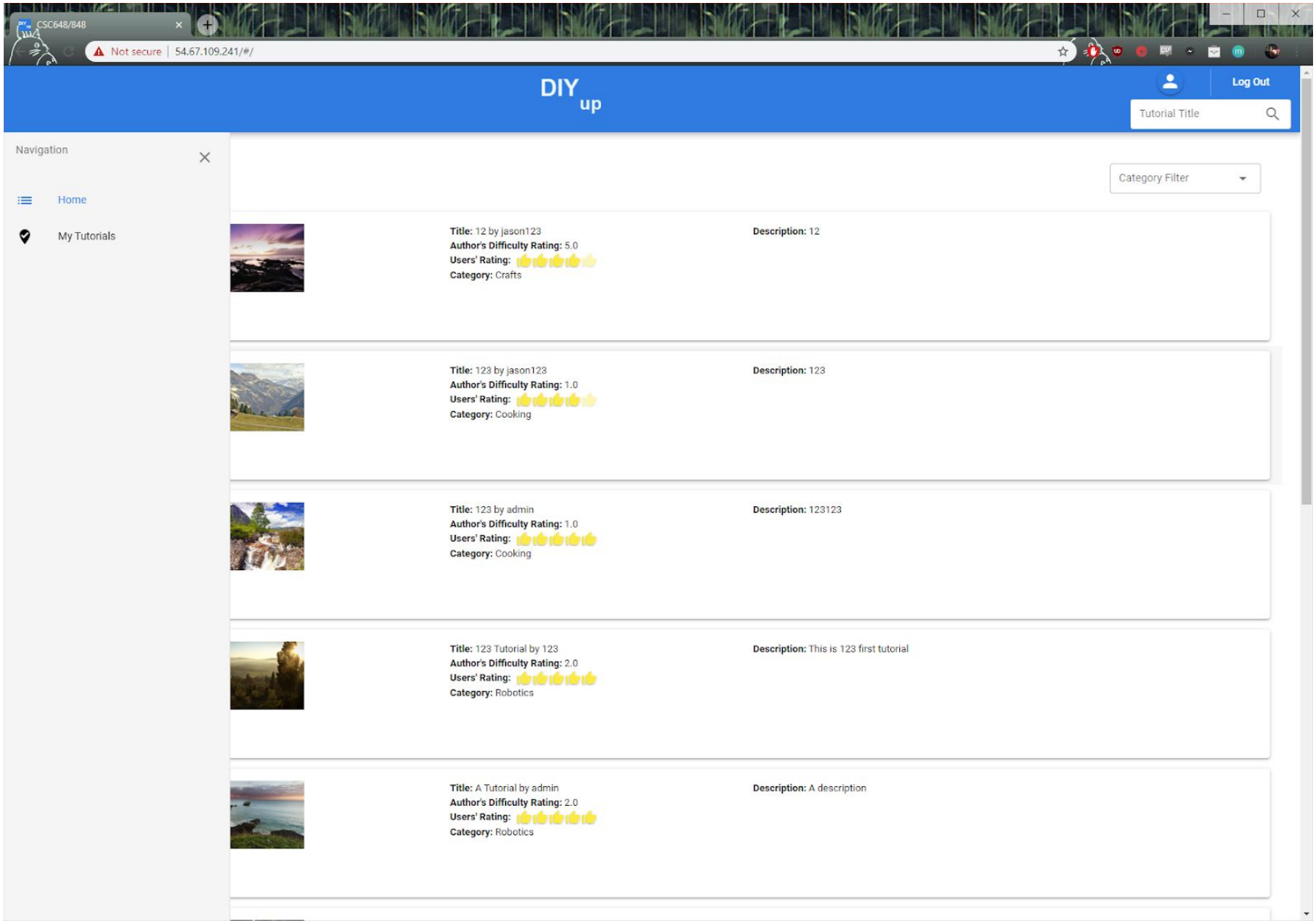
CSC648/848
Not secure
54.67.109.241/#/
DIY up
Log Out
Tutorial Title
Navigation
Home
My Tutorials
Category Filter
Title: 12 by jason123
Author's Difficulty Rating: 5.0
Users' Rating:
Category: Crafts
Description: 12
Title: 123 by jason123
Author's Difficulty Rating: 1.0
Users' Rating:
Category: Cooking
Description: 123
Title: 123 by admin
Author's Difficulty Rating: 1.0
Users' Rating:
Category: Cooking
Description: 123123
Title: 123 Tutorial by 123
Author's Difficulty Rating: 2.0
Users' Rating:
Category: Robotics
Description: This is 123 first tutorial
Title: A Tutorial by admin
Author's Difficulty Rating: 2.0
Users' Rating:
Category: Robotics
Description: A description

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DIY up

Log Out

Tutorial Title

My Tutorials

Category Filter

Title: Boxed Mac and Cheese by myles
Author's Difficulty Rating: 5.0
Users' Rating:
Category: cooking

Description: How to make boxed mac and cheese if you don't want to read the instructions on the box

Title: DIY Bookends by myles
Author's Difficulty Rating: 2.0
Users' Rating:
Category: homeDecor

Description: How to make bookends

Title: How to Solder by myles
Author's Difficulty Rating: 3.0
Users' Rating:
Category: electronics

Description: This tutorial teaches you how to solder

Title: Mini Robot Bug by myles
Author's Difficulty Rating: 1.0
Users' Rating:
Category: cooking

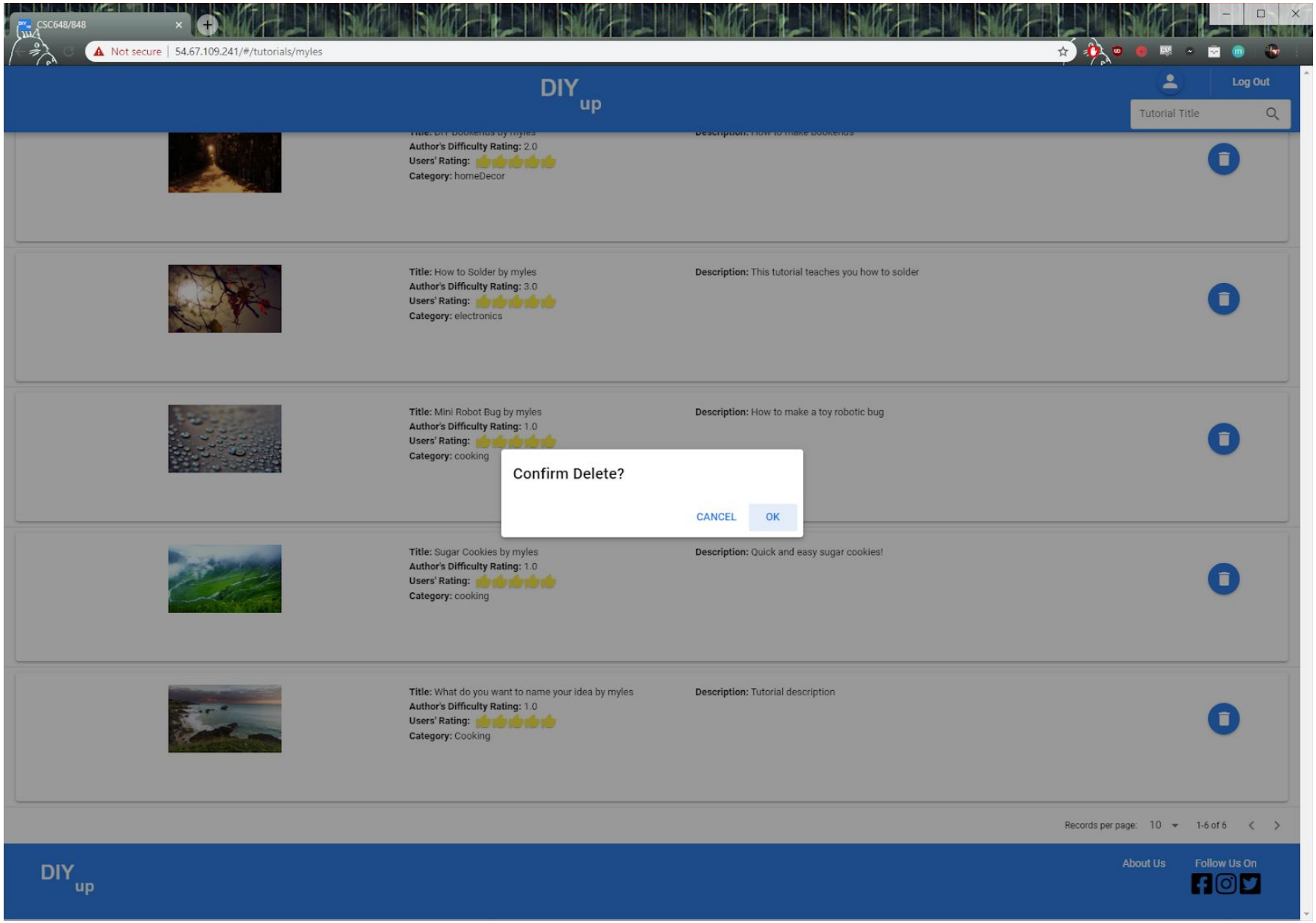
Description: How to make a toy robotic bug

Title: Sugar Cookies by myles
Author's Difficulty Rating: 1.0
Users' Rating:
Category: cooking

Description: Quick and easy sugar cookies!

Title: What do you want to name your idea by myles

Description: Tutorial description


CSC648/848
Not secure
54.67.109.241/#/tutorials/myles
DIY up
Log Out
Tutorial Title
Author's Difficulty Rating: 2.0
Users' Rating:
Category: homeDecor
Title: How to Solder by myles
Author's Difficulty Rating: 3.0
Users' Rating:
Category: electronics
Description: This tutorial teaches you how to solder
Title: Mini Robot Bug by myles
Author's Difficulty Rating: 1.0
Users' Rating:
Category: cooking
Description: How to make a toy robotic bug
Confirm Delete?
CANCEL
OK
Title: Sugar Cookies by myles
Author's Difficulty Rating: 1.0
Users' Rating:
Category: cooking
Description: Quick and easy sugar cookies!
Title: What do you want to name your idea by myles
Author's Difficulty Rating: 1.0
Users' Rating:
Category: Cooking
Description: Tutorial description
Records per page: 10
1-6 of 6
DIY up
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Not secure | 54.67.109.241/#/tutorial/c8b17a52-b6af-4c63-814c-f8807f0738ce

Incognito (4)

Pandora Radio - Lis... Shipments

DIY up

Log In Sign Up

Tutorial Title

12

Level of Difficulty: 5.0

Description

12

Material list

1. 11

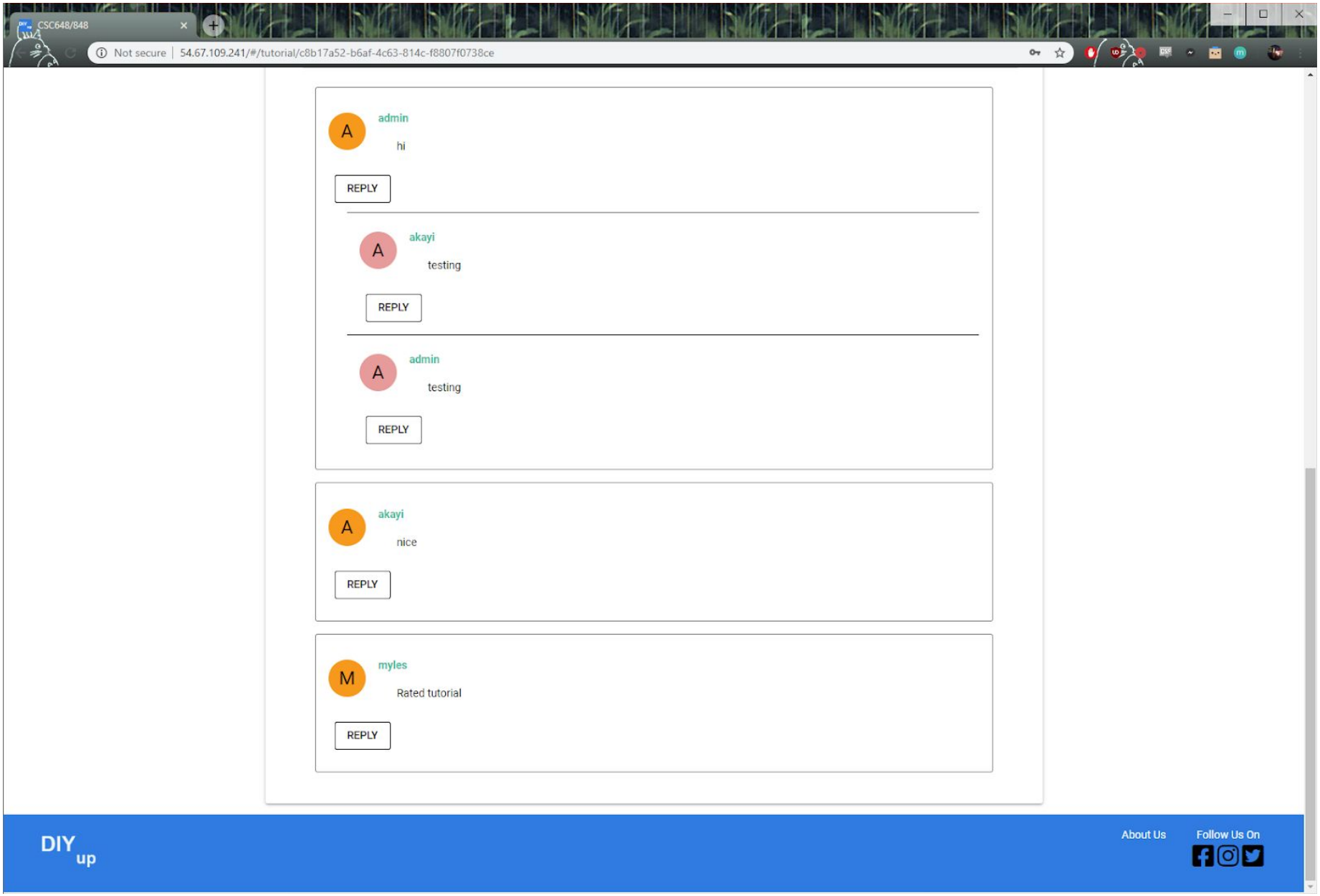
Steps

1. 22

Current Tutorial Rating:

Rate this Tutorial:

Comment Section


CSC648/848
Not secure | 54.67.109.241/#/tutorial/c8b17a52-b6af-4c63-814c-f8807f0738ce
A
admin
hi
REPLY
A
akayi
testing
REPLY
A
admin
testing
REPLY
A
akayi
nice
REPLY
M
myles
Rated tutorial
REPLY
DIY up
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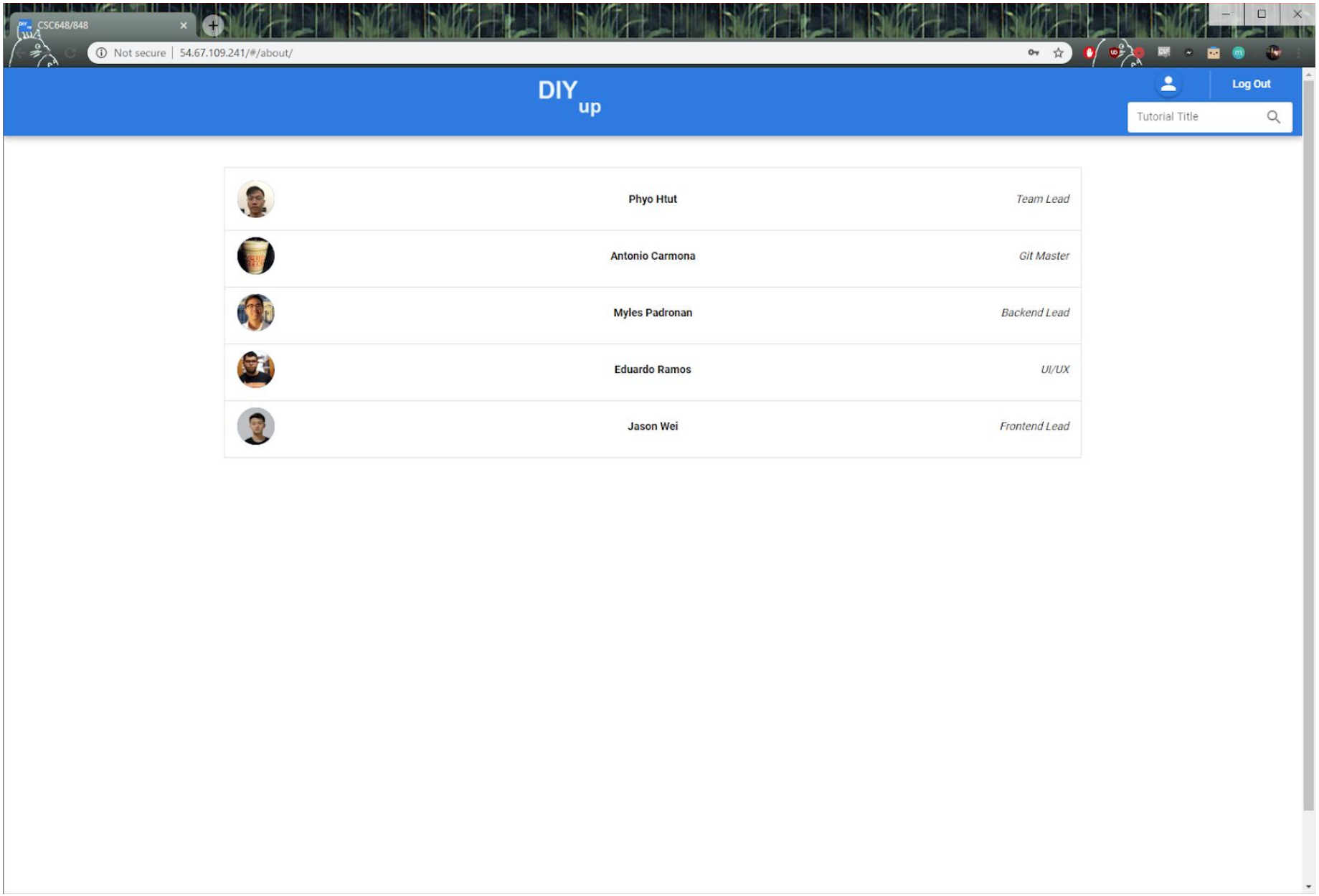
CSC648/848
Not secure
54.67.109.241/#/about/
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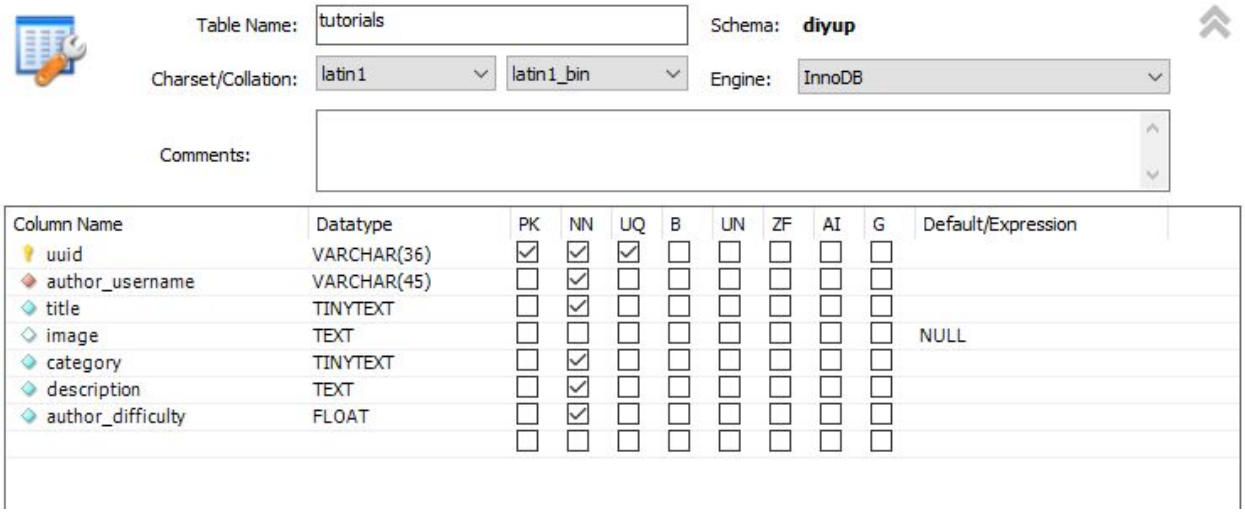
Log Out
Tutorial Title
Phyo Htut
Team Lead
Antonio Carmona
Git Master
Myles Padronan
Backend Lead
Eduardo Ramos
UI/UX
Jason Wei
Frontend Lead

Screenshots of key DB Tables

Tutorials



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Charset/Collation: latin1 / latin1_bin
Engine: InnoDB
Comments:

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author_username	VARCHAR(45)	☐	☑	☐	☐	☐	☐	☐	☐	
title	TINYTEXT	☐	☑	☐	☐	☐	☐	☐	☐	
image	TEXT	☐	☐	☐	☐	☐	☐	☐	☐	NULL
category	TINYTEXT	☐	☑	☐	☐	☐	☐	☐	☐	
description	TEXT	☐	☑	☐	☐	☐	☐	☐	☐	
author_difficulty	FLOAT	☐	☑	☐	☐	☐	☐	☐	☐	
		☐	☐	☐	☐	☐	☐	☐	☐	

uuid	author_username	title	image	category	description	author_difficulty
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162801e6-cdfa-4a6f-8375-74e48018f29f	myles	DIY Bookends	test.png	homeDecor	How to make bookends	2
1749c25e-c76c-47be-bdfd-951c25dd0ce7	jason123	test for post	test.png	Tech	des	1
35a320aa-83d3-463c-91e9-d840cf3341f6	myles	What do you want to name your idea	test.png	Cooking	Tutorial description	1
3692f115-0f28-4cd2-8f52-dff25c0b9a32	jason123	test 123	test.png	Workshop	desc	1
3892efa9-bd0b-48b6-b81d-edcf499a27b5	myles	Mini Robot Bug	test.png	cooking	How to make a toy robotic bug	1
39d9732b-8563-4864-a264-f4f92f643f92	jason123	123	test.png	Cooking	123	1
3a3268e8-2a11-483a-bf7e-bf56a6837db7	myles	How to Solder	test.png	electronics	This tutorial teaches you how to solder	3
4fc07fca-d18d-43ca-bf0b-cc62b201a985	jason123	test	test.png	Tech	123	1
7c6e8ebb-c956-45f1-a28c-30081ce12647	imtheuser	second round	test.png	coding	12312	3
9fc166c8-10da-4433-8a9a-79eaa8ae7c10	myles	Boxed Mac and Cheese	test.png	cooking	How to make boxed mac and cheese i...	5
a8d5e366-8db6-4794-b2ca-bc2b497d9d6e	jason123	test for post all	test.png	Tech	des	1
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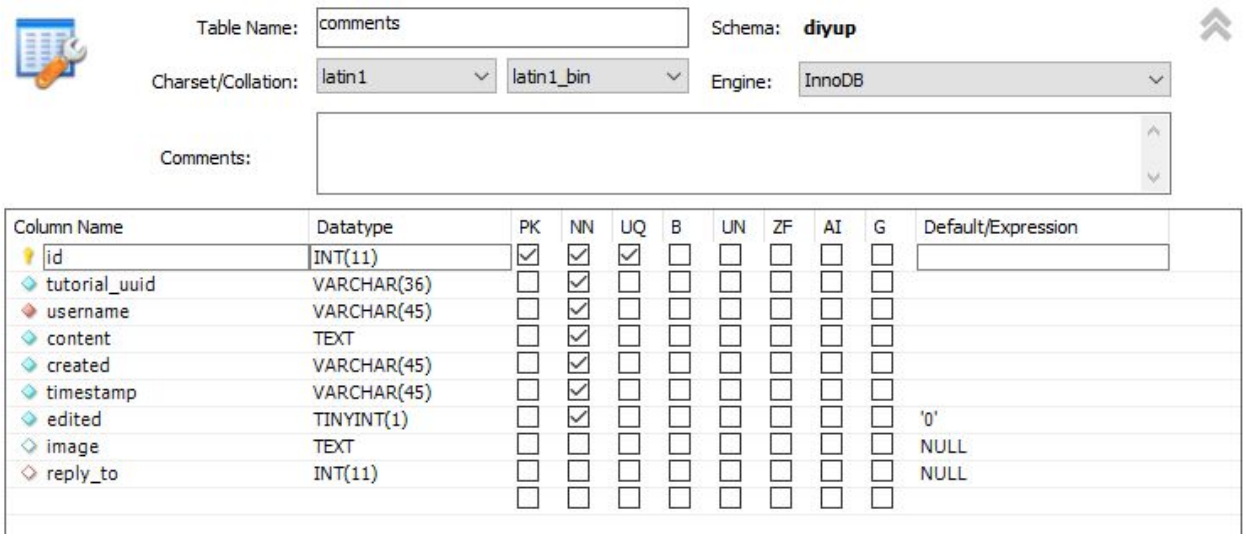
b50a6594-7176-4070-b8a7-bc1217fdcec0	jason123	test for post	test.png	Workshop	description	1
c8b17a52-b6af-4c63-814c-f8807f0738ce	jason123	12	test.png	Crafts	12	5

Comments



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Charset/Collation: latin1 / latin1_bin Engine: InnoDB

Comments:

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tutorial_uuid	VARCHAR(36)	☐	☑	☐	☐	☐	☐	☐	☐	
username	VARCHAR(45)	☐	☑	☐	☐	☐	☐	☐	☐	
content	TEXT	☐	☑	☐	☐	☐	☐	☐	☐	
created	VARCHAR(45)	☐	☑	☐	☐	☐	☐	☐	☐	
timestamp	VARCHAR(45)	☐	☑	☐	☐	☐	☐	☐	☐	
edited	TINYINT(1)	☐	☑	☐	☐	☐	☐	☐	☐	'0'
image	TEXT	☐	☐	☐	☐	☐	☐	☐	☐	NULL
reply_to	INT(11)	☐	☐	☐	☐	☐	☐	☐	☐	NULL
		☐	☐	☐	☐	☐	☐	☐	☐	

id	tutorial_uuid	username	content	created	timestamp	edited	image	reply_to
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26	52d26c01-4a8b-4d75-840d-aad92856e240	jason123	to see if it works	Mon Dec 9 05:53:58 2019	Mon Dec 9 05:53:58 2019	0	test.png	NULL
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34	35a320aa-83d3-463c-91e9-d840cf3341f6	myles	What food	Mon Dec 16 00:49:31 2019	Mon Dec 16 00:49:31 2019	0	test.png	NULL
35	35a320aa-83d3-463c-91e9-d840cf3341f6	myles	Hello	Mon Dec 16 00:50:05 2019	Mon Dec 16 00:50:05 2019	0	test.png	34
36	35a320aa-83d3-463c-91e9-d840cf3341f6	myles	Hello	Mon Dec 16 00:50:10 2019	Mon Dec 16 00:50:10 2019	0	test.png	34
37	35a320aa-83d3-463c-91e9-d840cf3341f6	myles	What	Mon Dec 16 00:50:19 2019	Mon Dec 16 00:50:19 2019	0	test.png	34
38	35a320aa-83d3-463c-91e9-d840cf3341f6	myles	FOod	Mon Dec 16 00:50:25 2019	Mon Dec 16 00:50:25 2019	0	test.png	34
39	35a320aa-83d3-463c-91e9-d840cf3341f6	myles	Food	Mon Dec 16 00:50:43 2019	Mon Dec 16 00:50:43 2019	0	test.png	34
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Users

email_address	username	password	is_admin	avatar	uuid	is_verified	password_reset_code
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13@123.com	imtheuser	sha256$3SjkecyS$52d36f09e4954db31270e4a...	0	default.jpg	4c79d6b7-bff6-4a09-aff8-9d19e5addcd2	0	NULL
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admin@diyup.com	admin	sha256$bQGbCMcQ$0e90830c01a4e63922792...	1	default.jpg	50f1099b-6087-4854-a83b-5c0c31e7af70	0	NULL
ahhh@123.com	ahhh	sha256$TAYmopLI$346ed975c46ce6cd1131678...	0	default.jpg	b0220fd5-fbad-4bc3-b219-23aa7516d501	0	NULL
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Steps

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162801e6-cdfa-4a6f-8375-74e48018f29f	1	Measure and cut board into 6 equal triangles	test.png
162801e6-cdfa-4a6f-8375-74e48018f29f	2	Use wood glue to attach three triangles togeth...	test.png
162801e6-cdfa-4a6f-8375-74e48018f29f	3	Use bondo or wood filler to smooth over the sur...	test.png
162801e6-cdfa-4a6f-8375-74e48018f29f	4	Sand as necessary	test.png
162801e6-cdfa-4a6f-8375-74e48018f29f	5	Paint away!	test.png
1749c25e-c76c-47be-bdfd-951c25dd0ce7	1	whatever you want to do	test.png
1749c25e-c76c-47be-bdfd-951c25dd0ce7	2	11111	test.png
35a320aa-83d3-463c-91e9-d840cf3341f6	1	Step one	test.png

Ratings

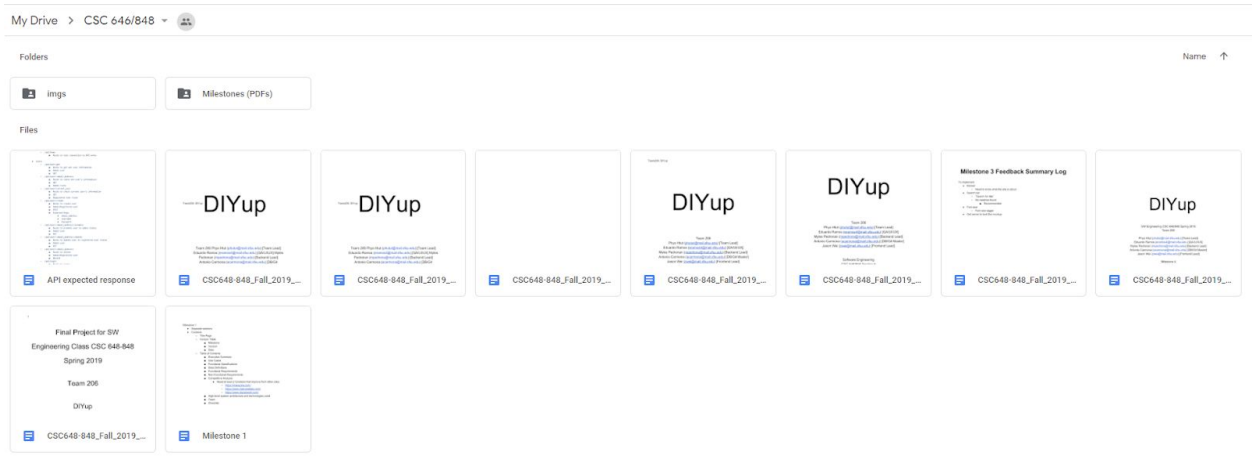
tutorial_uuid	username	rating_type	rating
162801e6-cdfa-4a6f-8375-74e48018f29f	imtheuser	score	5
35a320aa-83d3-463c-91e9-d840cf3341f6	myles	score	4
39d9732b-8563-4864-a264-f4f92f643f92	myles	score	4
c8b17a52-b6af-4c63-814c-f8807f0738ce	akayi	score	4
c8b17a52-b6af-4c63-814c-f8807f0738ce	myles	score	4

Items

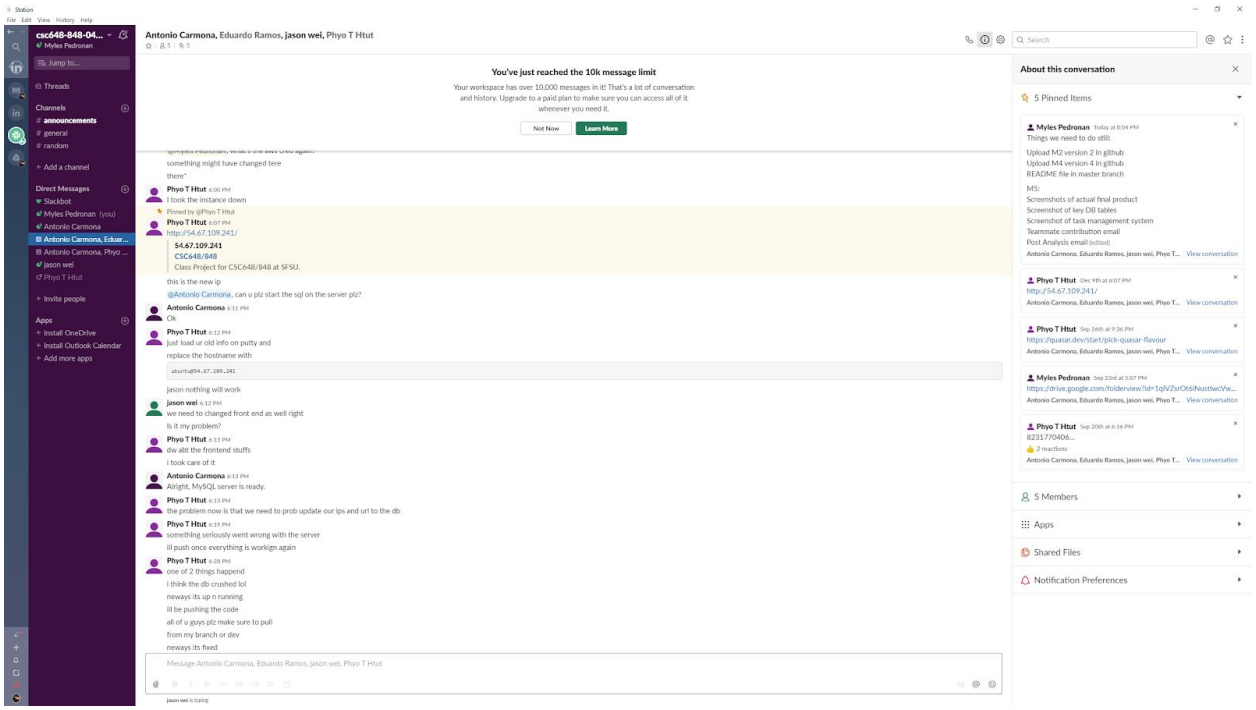
tutorial_uuid	index	name	category	link
12dcf75d-1f38-4461-9b6d-a8aaccb6fd70	1	egg	tools	amazon.com
162801e6-cdfa-4a6f-8375-74e48018f29f	1	Wood Glue	tools	amazon.com
1749c25e-c76c-47be-bdfd-951c25dd0ce7	1	11	tools	amazon.com
35a320aa-83d3-463c-91e9-d840cf3341f6	1	Pots	tools	amazon.com
3892efa9-bd0b-48b6-b81d-edcf499a27b5	1	Vibrating Motor	tools	amazon.com
39d9732b-8563-4864-a264-f4f92f643f92	1	123123	tools	amazon.com
3a3268e8-2a11-483a-bf7e-bf56a6837db7	1	Soldering Iron	tools	amazon.com
4fc07fca-d18d-43ca-bf0b-cc62b201a985	1	1231	tools	amazon.com
7c6e8ebb-c956-45f1-a28c-30081ce12647	1	egg really?	tools	amazon.com
9fc166c8-10da-4433-8a9a-79eaa8ae7c10	1	Packaged Mac and Cheese	tools	amazon.com
b369fff8-2b22-4e11-a70f-86ef18bc39f7	1	2 3/4 cups all-purpose flour	tools	amazon.com
c8b17a52-b6af-4c63-814c-f8807f0738ce	1	11	tools	amazon.com
12dcf75d-1f38-4461-9b6d-a8aaccb6fd70	2	floor	tools	amazon.com
162801e6-cdfa-4a6f-8375-74e48018f29f	2	1x5 board	tools	amazon.com

Screenshots of Task Management

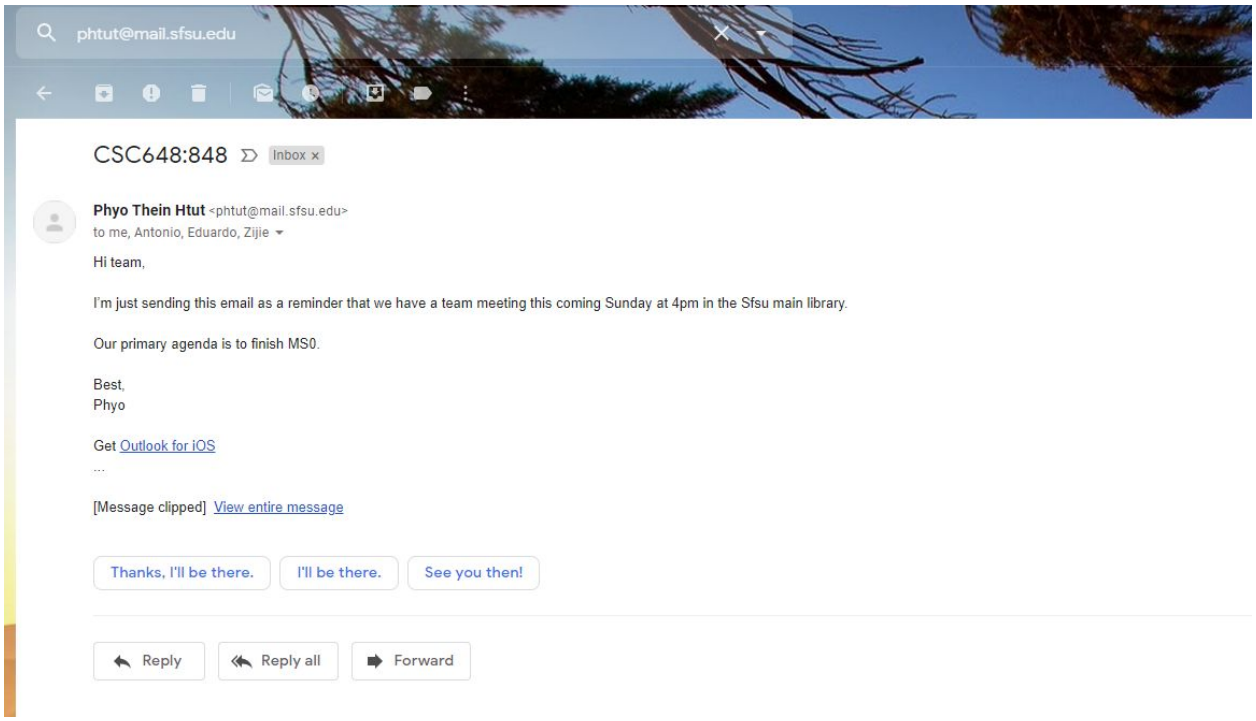
Google Drive:



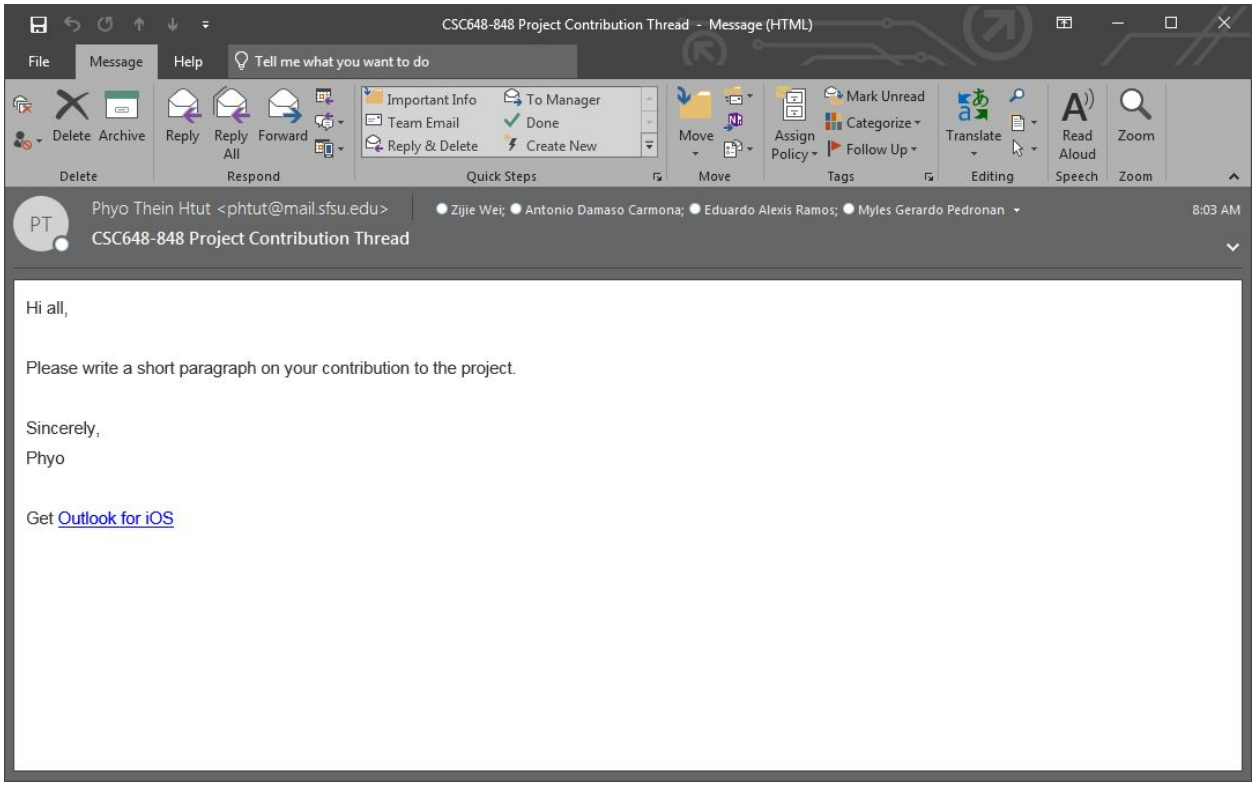
Slack:



Email:


phtut@mail.sfsu.edu
CSC648:848
Inbox ×
Phyo Thein Htut <phtut@mail.sfsu.edu>
to me, Antonio, Eduardo, Zijie
Hi team,
I'm just sending this email as a reminder that we have a team meeting this coming Sunday at 4pm in the Sfsu main library.
Our primary agenda is to finish MS0.
Best,
Phyo
Get Outlook for iOS
...
[Message clipped] View entire message
Thanks, I'll be there.
I'll be there.
See you then!
Reply
Reply all
Forward

Team Member Contributions



CSC648-848 Project Contribution Thread - Message (HTML)

File Message Help Tell me what you want to do

Delete Archive Reply Reply All Forward | Important Info Team Email Reply & Delete To Manager Done Create New | Move | Assign Policy Mark Unread Categorize Follow Up | Translate | Read Aloud | Zoom

Delete Respond Quick Steps Move Tags Editing Speech Zoom

PT

Phyo Thein Htut <phtut@mail.sfsu.edu>

Zijie Wei; Antonio Damaso Carmona; Eduardo Alexis Ramos; Myles Gerardo Pedronan

8:03 AM

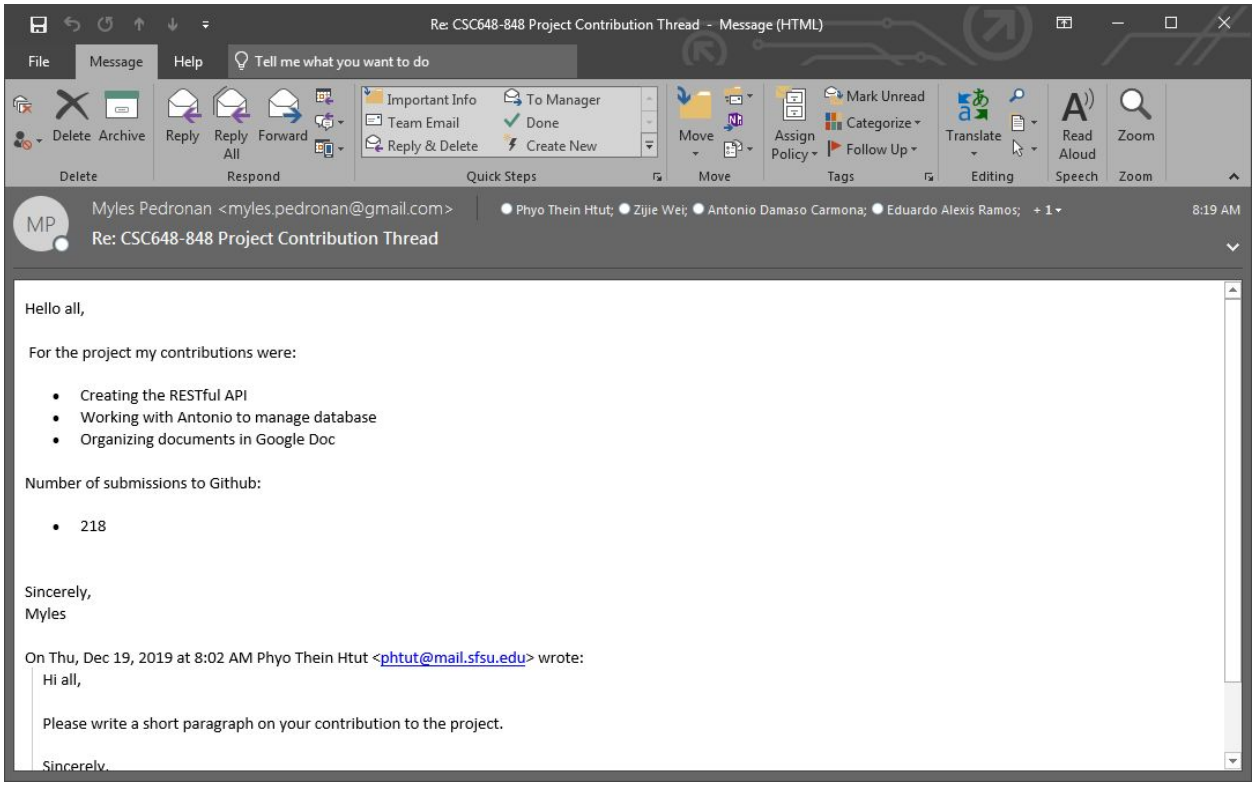
CSC648-848 Project Contribution Thread

Hi all,

Please write a short paragraph on your contribution to the project.

Sincerely,
Phyo

Get Outlook for iOS



Re: CSC648-848 Project Contribution Thread - Message (HTML)

File Message Help Tell me what you want to do

Delete Archive Reply Reply All Forward | Important Info Team Email Reply & Delete To Manager Done Create New | Move | Assign Policy Mark Unread Categorize Follow Up | Translate | Read Aloud | Zoom

Delete Respond Quick Steps Move Tags Editing Speech Zoom

MP

Myles Pedronan <myles.pedronan@gmail.com>

Phyo Thein Htut; Zijie Wei; Antonio Damaso Carmona; Eduardo Alexis Ramos; + 1

8:19 AM

Re: CSC648-848 Project Contribution Thread

Hello all,

For the project my contributions were:

- Creating the RESTful API
- Working with Antonio to manage database
- Organizing documents in Google Doc

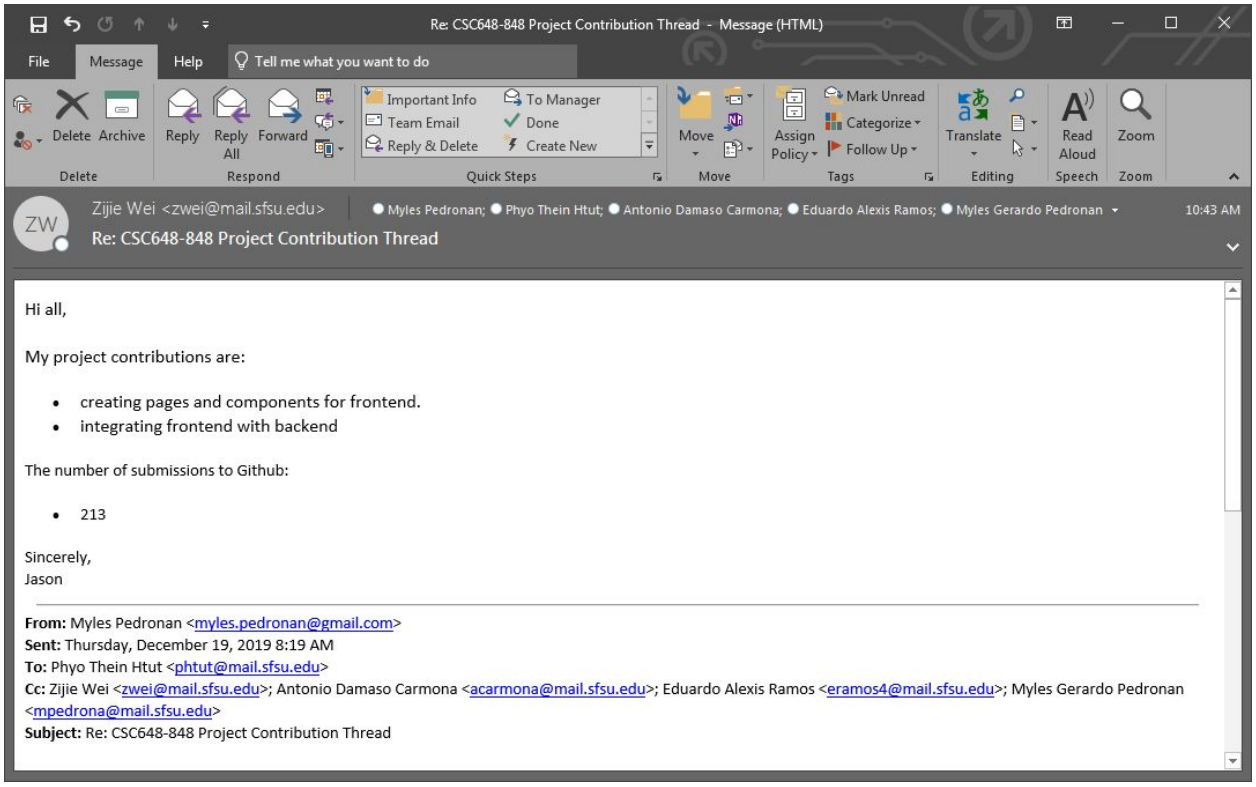
Number of submissions to Github:

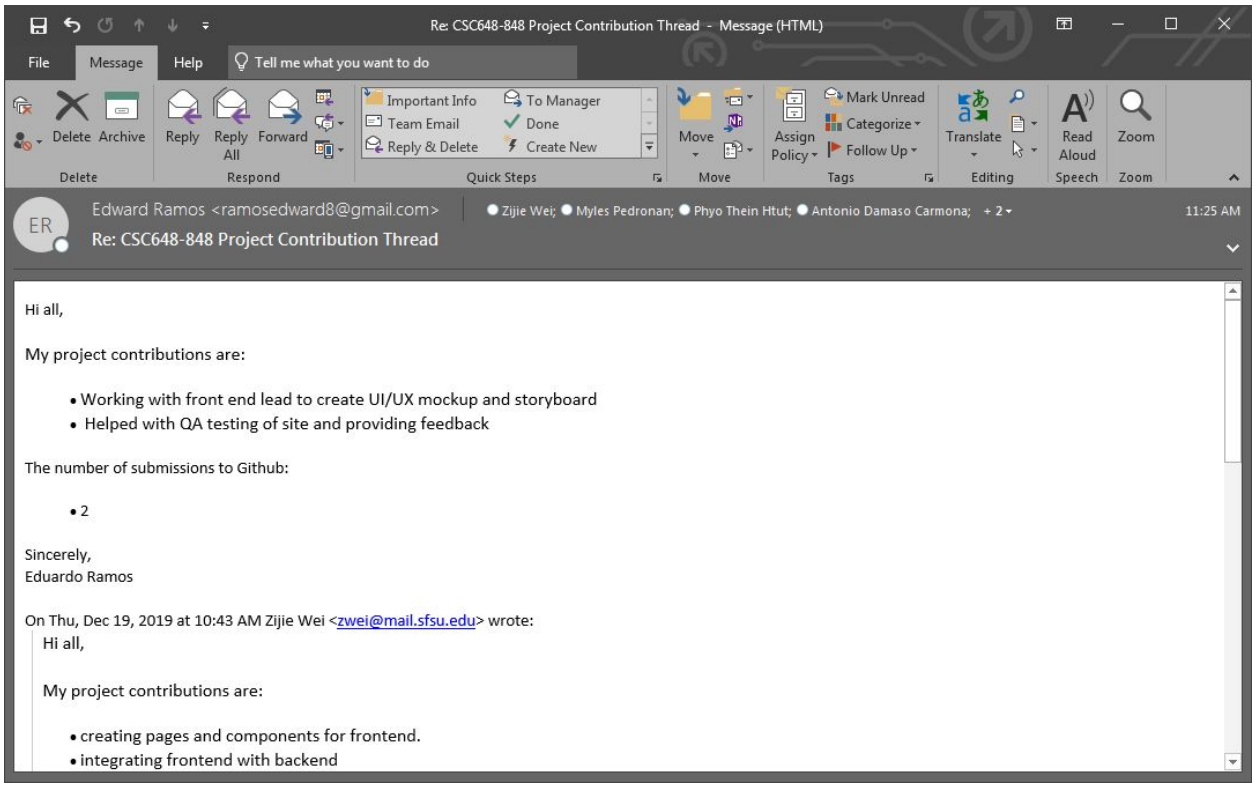
- 218

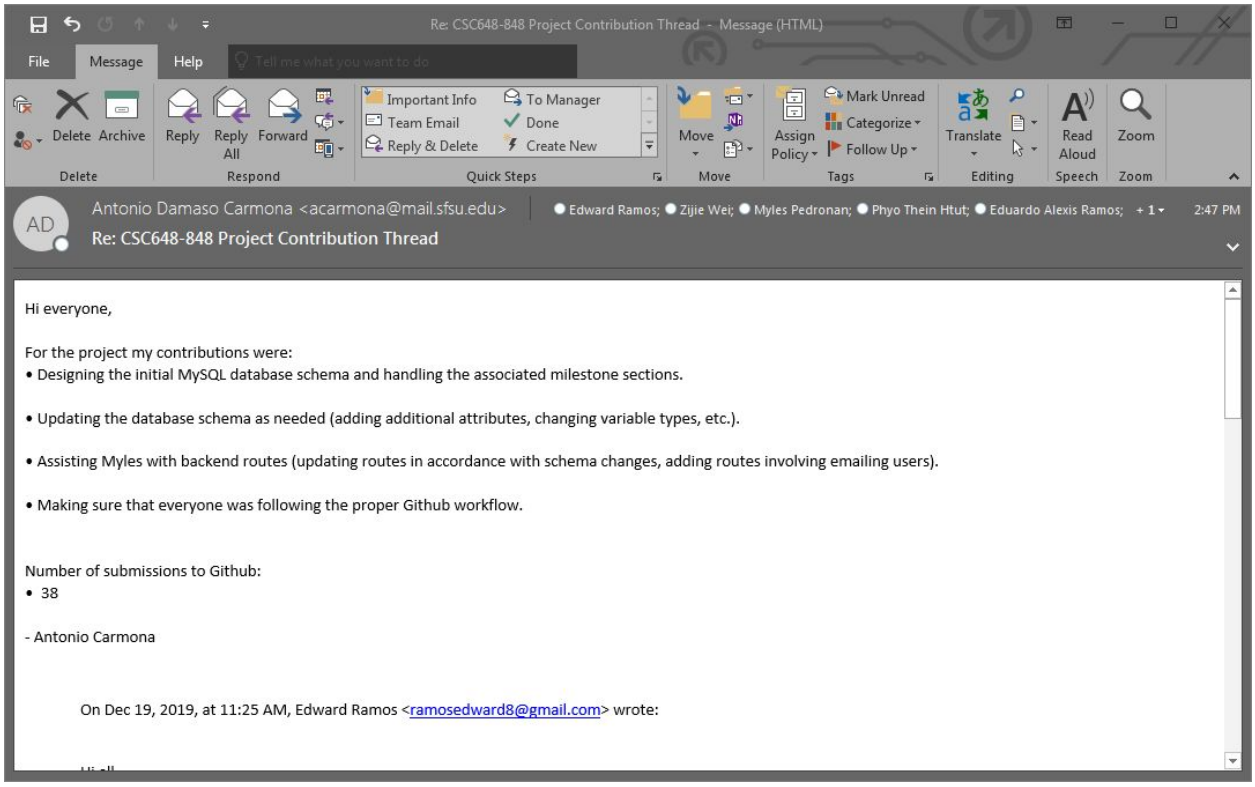
Sincerely,
Myles

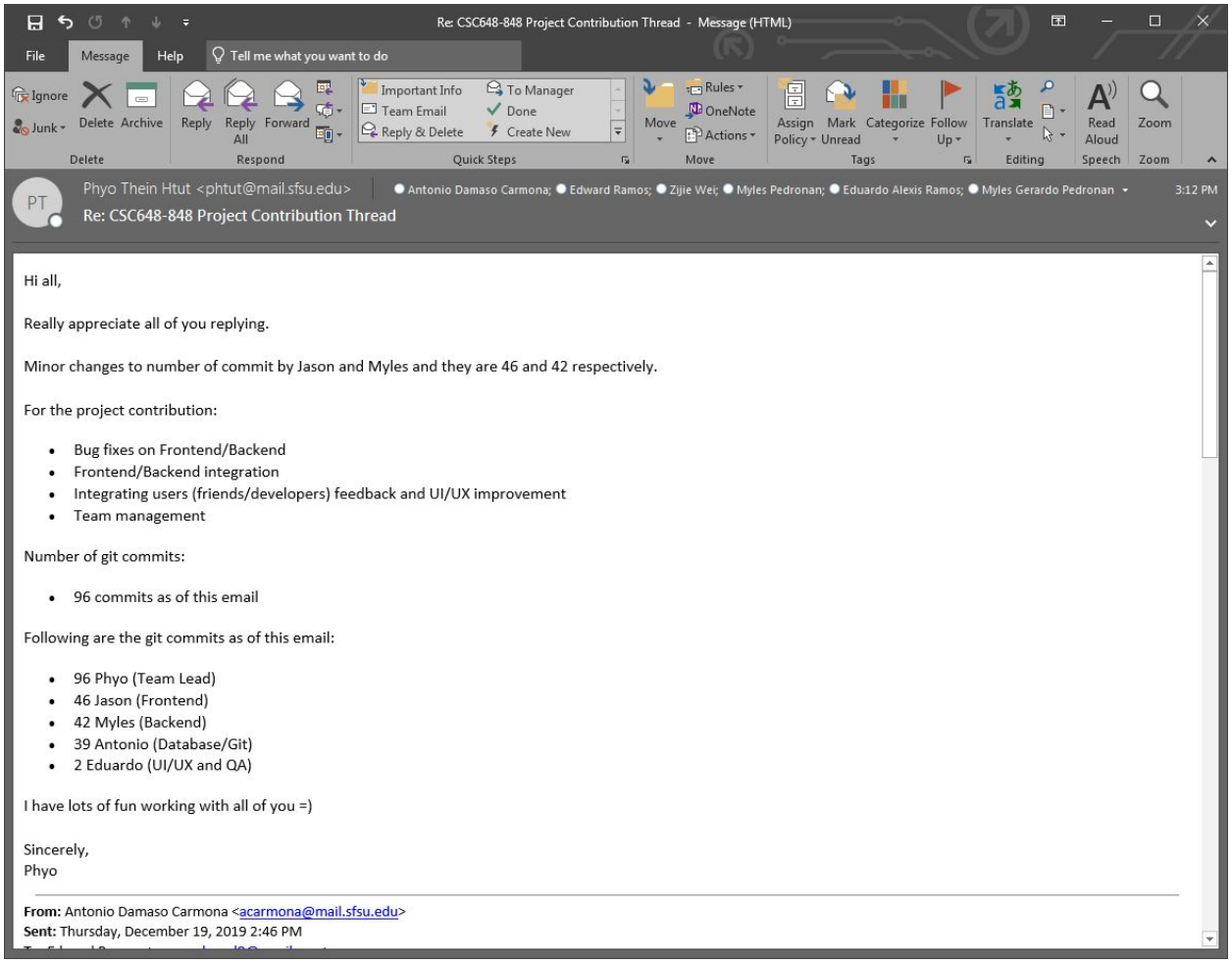
On Thu, Dec 19, 2019 at 8:02 AM Phyo Thein Htut <phtut@mail.sfsu.edu> wrote:

> Hi all,
>
> Please write a short paragraph on your contribution to the project.
>
> Sincerely,

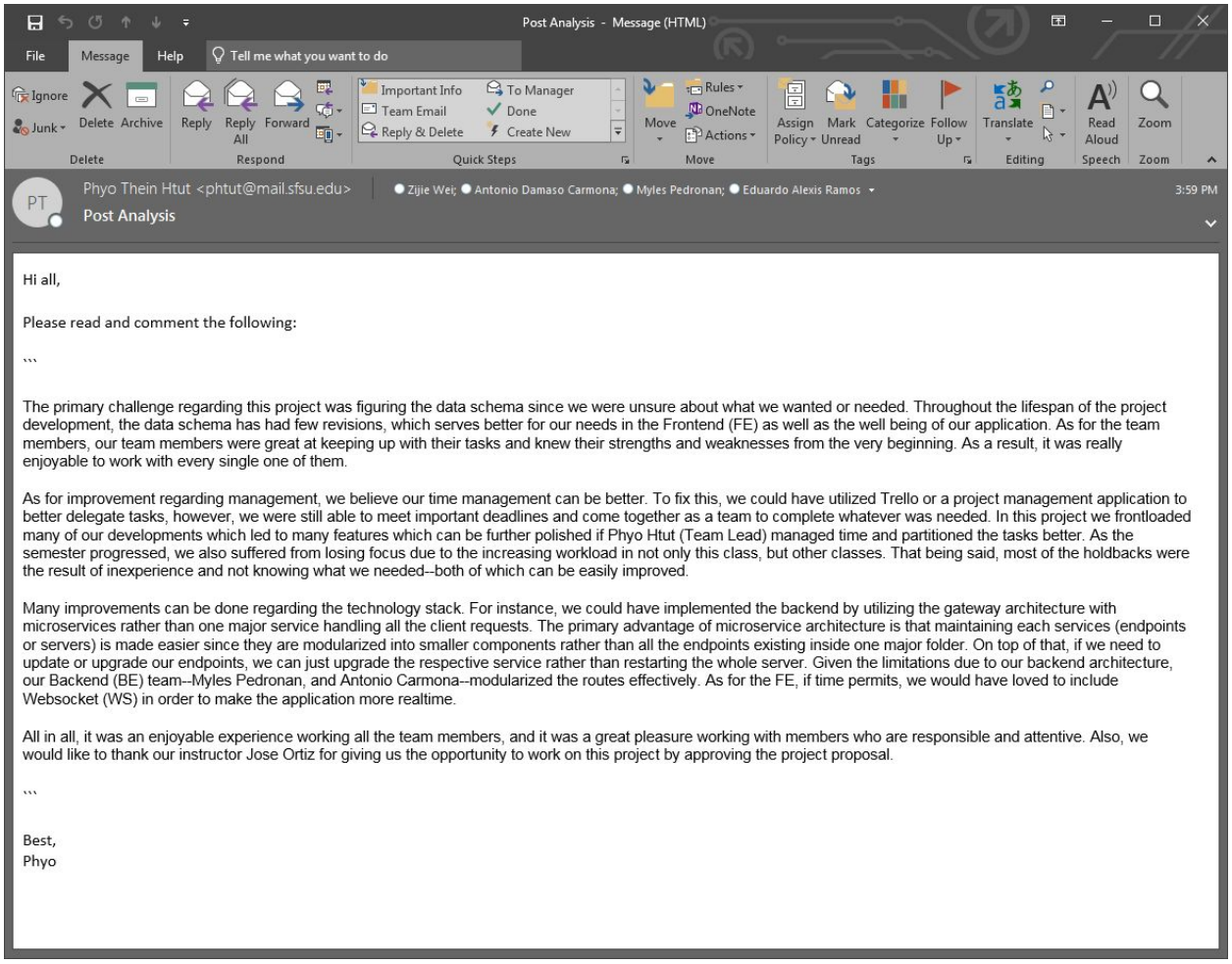

Re: CSC648-848 Project Contribution Thread - Message (HTML)
File
Message
Help
Tell me what you want to do
Delete
Archive
Reply
Reply All
Forward
Important Info
Team Email
Reply & Delete
To Manager
Done
Create New
Quick Steps
Move
Assign Policy
Mark Unread
Categorize
Follow Up
Tags
Translate
Editing
Read Aloud
Speech
Zoom
Zijie Wei <zwei@mail.sfsu.edu>
Myles Pedronan; Phyo Thein Htut; Antonio Damaso Carmona; Eduardo Alexis Ramos; Myles Gerardo Pedronan
10:43 AM
Re: CSC648-848 Project Contribution Thread
Hi all,
My project contributions are:
creating pages and components for frontend.
integrating frontend with backend
The number of submissions to Github:
213
Sincerely,
Jason
From: Myles Pedronan <myles.pedronan@gmail.com>
Sent: Thursday, December 19, 2019 8:19 AM
To: Phyo Thein Htut <phtut@mail.sfsu.edu>
Cc: Zijie Wei <zwei@mail.sfsu.edu>; Antonio Damaso Carmona <acarmona@mail.sfsu.edu>; Eduardo Alexis Ramos <eramos4@mail.sfsu.edu>; Myles Gerardo Pedronan <mpedrona@mail.sfsu.edu>
Subject: Re: CSC648-848 Project Contribution Thread


Re: CSC648-848 Project Contribution Thread - Message (HTML)
File
Message
Help
Tell me what you want to do
Delete
Archive
Reply
Reply All
Forward
Important Info
Team Email
Reply & Delete
To Manager
Done
Create New
Quick Steps
Move
Assign Policy
Mark Unread
Categorize
Follow Up
Tags
Translate
Editing
Read Aloud
Speech
Zoom
Edward Ramos <ramosedward8@gmail.com>
Zijie Wei; Myles Pedronan; Phyo Thein Htut; Antonio Damaso Carmona; + 2
11:25 AM
Re: CSC648-848 Project Contribution Thread
Hi all,
My project contributions are:
Working with front end lead to create UI/UX mockup and storyboard
Helped with QA testing of site and providing feedback
The number of submissions to Github:
2
Sincerely,
Eduardo Ramos
On Thu, Dec 19, 2019 at 10:43 AM Zijie Wei <zwei@mail.sfsu.edu> wrote:
Hi all,
My project contributions are:
creating pages and components for frontend.
integrating frontend with backend


Re: CSC648-848 Project Contribution Thread - Message (HTML)
File
Message
Help
Tell me what you want to do
Delete
Archive
Reply
Reply All
Forward
Important Info
Team Email
Reply & Delete
To Manager
Done
Create New
Move
Assign Policy
Mark Unread
Categorize
Follow Up
Translate
Read Aloud
Zoom
Delete
Respond
Quick Steps
Move
Tags
Editing
Speech
Zoom
AD
Antonio Damaso Carmona <acarmona@mail.sfsu.edu>
Edward Ramos; Zijie Wei; Myles Pedronan; Phyo Thein Htut; Eduardo Alexis Ramos; + 1
2:47 PM
Re: CSC648-848 Project Contribution Thread
Hi everyone,
For the project my contributions were:
• Designing the initial MySQL database schema and handling the associated milestone sections.
• Updating the database schema as needed (adding additional attributes, changing variable types, etc.).
• Assisting Myles with backend routes (updating routes in accordance with schema changes, adding routes involving emailing users).
• Making sure that everyone was following the proper Github workflow.
Number of submissions to Github:
• 38
- Antonio Carmona
On Dec 19, 2019, at 11:25 AM, Edward Ramos <ramosedward8@gmail.com> wrote:


Re: CSC648-848 Project Contribution Thread - Message (HTML)
File
Message
Help
Tell me what you want to do
Ignore
Junk
Delete
Archive
Reply
Reply All
Forward
Important Info
Team Email
Reply & Delete
To Manager
Done
Create New
Move
Rules
OneNote
Actions
Assign Policy
Mark Unread
Categorize
Follow Up
Translate
Read Aloud
Zoom
Delete
Respond
Quick Steps
Move
Tags
Editing
Speech
Zoom
PT
Phyo Thein Htut <phtut@mail.sfsu.edu>
Antonio Damaso Carmona; Edward Ramos; Zijie Wei; Myles Pedronan; Eduardo Alexis Ramos; Myles Gerardo Pedronan
3:12 PM
Re: CSC648-848 Project Contribution Thread
Hi all,
Really appreciate all of you replying.
Minor changes to number of commit by Jason and Myles and they are 46 and 42 respectively.
For the project contribution:
Bug fixes on Frontend/Backend
Frontend/Backend integration
Integrating users (friends/developers) feedback and UI/UX improvement
Team management
Number of git commits:
96 commits as of this email
Following are the git commits as of this email:
96 Phyo (Team Lead)
46 Jason (Frontend)
42 Myles (Backend)
39 Antonio (Database/Git)
2 Eduardo (UI/UX and QA)
I have lots of fun working with all of you =)
Sincerely,
Phyo
From: Antonio Damaso Carmona <acarmona@mail.sfsu.edu>
Sent: Thursday, December 19, 2019 2:46 PM

Post Analysis - Lessons Learned



Post Analysis - Message (HTML)

File | Message | Help | Tell me what you want to do

Ignore | Junk | Delete | Archive | Reply | Reply All | Forward | Important Info | Team Email | Reply & Delete | To Manager | Done | Create New | Move | Rules | OneNote | Actions | Assign Policy | Mark Unread | Categorize | Follow Up | Translate | Read Aloud | Zoom

Delete | Respond | Quick Steps | Move | Tags | Editing | Speech | Zoom

PT

Phyo Thein Htut <phtut@mail.sfsu.edu>

Zijie Wei; Antonio Damaso Carmona; Myles Pedronan; Eduardo Alexis Ramos

3:59 PM

Post Analysis

Hi all,

Please read and comment the following:

```

The primary challenge regarding this project was figuring the data schema since we were unsure about what we wanted or needed. Throughout the lifespan of the project development, the data schema has had few revisions, which serves better for our needs in the Frontend (FE) as well as the well being of our application. As for the team members, our team members were great at keeping up with their tasks and knew their strengths and weaknesses from the very beginning. As a result, it was really enjoyable to work with every single one of them.

As for improvement regarding management, we believe our time management can be better. To fix this, we could have utilized Trello or a project management application to better delegate tasks, however, we were still able to meet important deadlines and come together as a team to complete whatever was needed. In this project we frontloaded many of our developments which led to many features which can be further polished if Phyo Htut (Team Lead) managed time and partitioned the tasks better. As the semester progressed, we also suffered from losing focus due to the increasing workload in not only this class, but other classes. That being said, most of the holdbacks were the result of inexperience and not knowing what we needed--both of which can be easily improved.

Many improvements can be done regarding the technology stack. For instance, we could have implemented the backend by utilizing the gateway architecture with microservices rather than one major service handling all the client requests. The primary advantage of microservice architecture is that maintaining each services (endpoints or servers) is made easier since they are modularized into smaller components rather than all the endpoints existing inside one major folder. On top of that, if we need to update or upgrade our endpoints, we can just upgrade the respective service rather than restarting the whole server. Given the limitations due to our backend architecture, our Backend (BE) team--Myles Pedronan, and Antonio Carmona--modularized the routes effectively. As for the FE, if time permits, we would have loved to include Websocket (WS) in order to make the application more realtime.

All in all, it was an enjoyable experience working all the team members, and it was a great pleasure working with members who are responsible and attentive. Also, we would like to thank our instructor Jose Ortiz for giving us the opportunity to work on this project by approving the project proposal.

```

Best,
Phyo