

Group Project 4280 Spring

Members:

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Tom Grossman

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Project: Develop Messaging App for Music Department

Customer: Gary Brandes, Department Chair

Description: Instant message music department groups easily to iPhone or Android. Includes integration with Google Calendar for event notification.

Documentation:

1. Administrative Guide
2. Users Guides
 - a. Faculty
 - b. Students
3. System Administrative Documentation

Administrative Guide

Steps

Register Administrators

1. Register
 - a. Go to thedeamteam.me in a web browser. The UMSL Music Notification System home page displays.



UMSL Music
University of Missouri–St. Louis

Please login or register an account

Username:

Password:

Login Register

- b. Click on Register button.



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University of Missouri–St. Louis

* denotes a required field
** is required if opting in

Username (USML Email):
student *

Password:
***** *

Your passwords do not match

Re-enter Password:
***** *

Your passwords do not match

☒ Opt In To Text Alerts

Mobile Carrier:
AT&T **

Mobile Number:
5555555555 **

WARNING: For the sake of security DO NOT use the password you use to log into MyGateway, MyView, or any other UM SSO systems.

Submit Cancel

- c. Fill out required fields.
 - d. Click Submit. A confirmation text or email will be sent to you.
 - e. Click on the link in that text or email to finish registration process.
2. Setup – for first time use
 - a. Go to thedeamteam.me in a web browser. The UMSL Music Notification System home page displays.



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Please login or register an account.

Username:

Password:

Login Register

- b. Enter admin as username and password as password and click on Login. That takes you to Main Menu.



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Main Menu

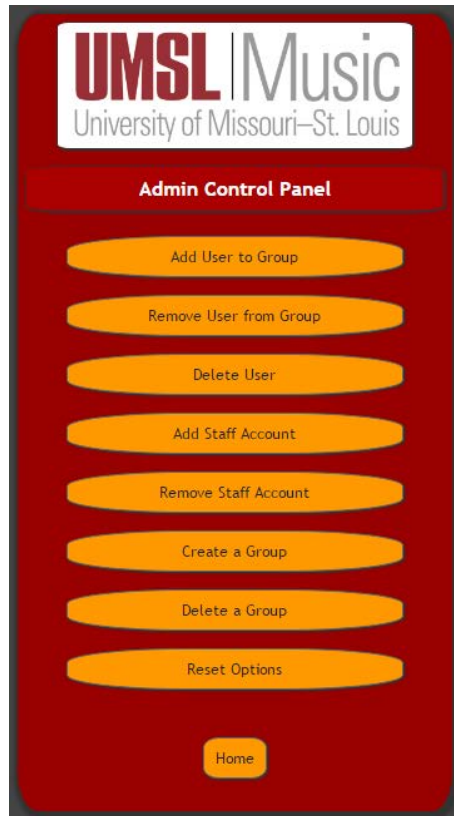
View Calendar

Send an Announcement

Admin Control Panel

Logout

- c. For set up purposes click on Administration Control Panel.



3. Add Administrators

- a. Click on Add Staff Account.

A screenshot of a mobile application interface for UMSL Music. At the top is the logo "UMSL | Music" with "University of Missouri—St. Louis" underneath. Below the logo is a red header bar with the text "Add Staff Accounts" in white. The main area has a dark red background. It features a "Search for username:" label above a yellow text input field containing the text "office". Below the input field is the question "Is this a faculty or administrator account?". There are two radio buttons: "Faculty" (unselected) and "Administrator" (selected). Below the radio buttons is a yellow text box with the following text: "If this is a faculty account, please select groups that this faculty member will be allowed to manage. If you select a parent group, it will also allow the user to manage all subgroups! (skip for administrators)". At the bottom are two yellow buttons: "Submit" and "Cancel".

- b. Enter the User name for the first Administrator account.
- c. Select the radio button for Administrator.
- d. Click on Submit.

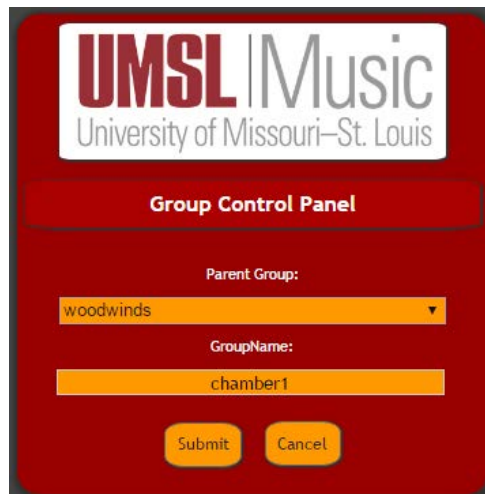
4. Add Groups

- a. From Administration Control Panel click on Create a Group. You will see the Group Control Panel:



The screenshot shows the 'Group Control Panel' for UMSL Music. At the top is the logo 'UMSL | Music' with 'University of Missouri–St. Louis' underneath. Below the logo is a red header bar with the text 'Group Control Panel'. The form contains two main sections: 'Parent Group:' with a yellow dropdown menu, and 'GroupName:' with a yellow text input field containing the word 'woodwinds'. At the bottom are two yellow buttons labeled 'Submit' and 'Cancel'.

- b. Start by adding the highest level groups without parents like woodwinds. Type that name in GroupName and click Submit.
- c. Next add a subgroup within a parent group. Click on Create a Group from Administration Control Panel.
- d. From Group Control Panel select from pull down menu the parent group your new group will be a child of (subgroup).



This screenshot shows the 'Group Control Panel' after the first group has been created. The 'Parent Group:' dropdown menu now displays 'woodwinds'. The 'GroupName:' text input field now contains 'chamber1'. The 'Submit' and 'Cancel' buttons remain at the bottom.

- e. Finally type the GroupName and click on Submit.

5. Add Faculty

- a. Click on Add Staff Account.

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Add Staff Accounts

Search for username:

bandleader

Is this a faculty or administrator account?

☒ Faculty
☐ Administrator

If this is a faculty account, please select groups that this faculty member will be allowed to manage. If you select a parent group, it will also allow the user to manage all subgroups! (skip for administrators)

☐ chamber1
☒ woodwinds

Submit Cancel

- b. Enter User name for faculty account.
 - c. Select Faculty radio button.
 - d. Check the box next to the group(s) this account can manage.
 - e. Click on Submit.
6. Add Users to Groups
- a. From Administration Control Panel click on Add User to Group.

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Add Users to Groups

Which group would you like to add student(s) to?

☒ chamber1

Select users to add to the group

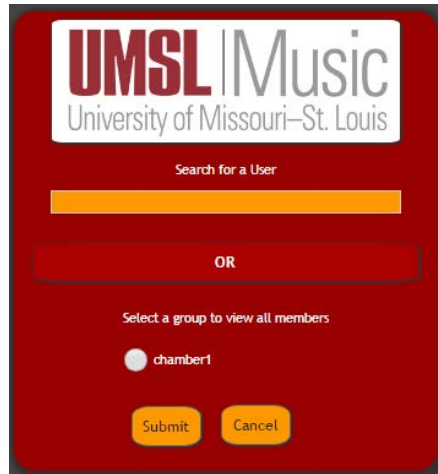
james student

Submit Cancel

- b. Click on the radio button to select group.
 - c. Click on Users to add to group.
 - d. Click on Submit.
7. Cleanup

a. Remove User from Group

- (1) From Administration Control Panel select Remove User from Group.



The screenshot shows a web interface for UMSL Music (University of Missouri–St. Louis). At the top is the logo. Below it is a search bar labeled "Search for a User" with an orange input field. Underneath is a red button labeled "OR". Below that is a section titled "Select a group to view all members" with a radio button next to the label "chamber1". At the bottom are two orange buttons: "Submit" and "Cancel".

- (2) Enter User name in box or select group by clicking on its radio button to view all members.

- (3) After selecting the user to remove click on Submit. You will get this screen:



The screenshot shows the same web interface, but now it displays "Select group(s) to remove james from:". Below this text is a checked checkbox next to the label "chamber1". At the bottom are two orange buttons: "Submit" and "Cancel".

- (4) Click in check box for group(s) to remove selected user from then click on Submit.

b. Delete User

- (1) From Administration Control Panel select Delete User.

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Delete Users

WARNING: This will permanently delete selected accounts!

james
student

Submit Cancel

- (2) Click to select User to be removed.
 - (3) Click on Submit button.
- c. Remove Staff Account
- (1) From Administration Control Panel select Remove Staff Account.

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Remove Staff Accounts

What would you like to do?

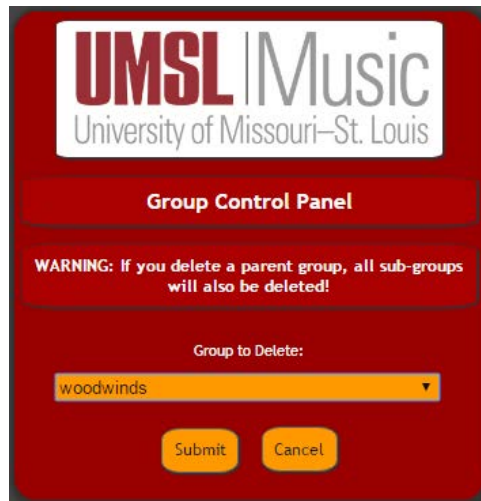
☒ Delete Staff Account
☐ Remove Staff Permissions

Select a User:

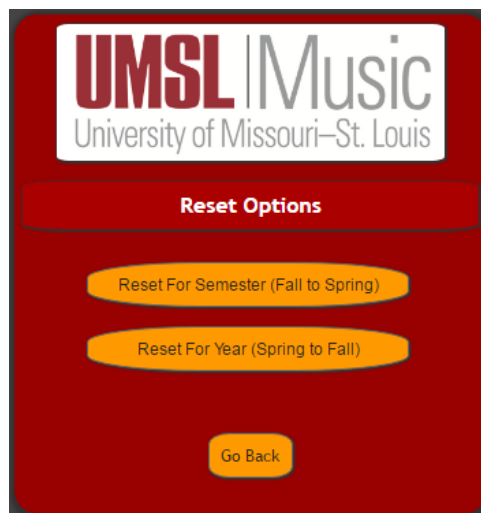
bandleader

Submit Cancel

- (2) Click on radio button for Delete Account or Remove Permissions(to change).
 - (3) Select the User.
 - (4) Click on the Submit button.
- d. Delete Group
- (1) From Administration Control Panel select Delete a Group.



- (2) Select Group to Delete.
 - (3) Click on the Submit button.
- e. Reset Options
- (1) From Administration Control Panel select Reset Options.



- (2) Select appropriate Reset option.

Faculty Guide

1. Register
 - a. Go to thedeamteam.me in a web browser. The UMSL Music Notification System home page displays.



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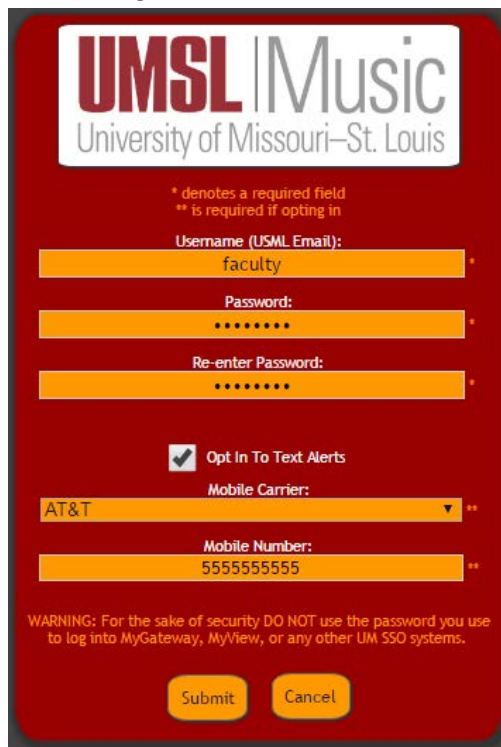
Please login or register an account

Username:

Password:

Login Register

- b. Click on Register button.



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* denotes a required field
** is required if opting in

Username (USML Email):
faculty *

Password:
***** *

Re-enter Password:
***** *

☒ Opt In To Text Alerts

Mobile Carrier:
AT&T **

Mobile Number:
5555555555 **

WARNING: For the sake of security DO NOT use the password you use to log into MyGateway, MyView, or any other UM SSO systems.

Submit Cancel

- c. Fill out required fields.
 - d. Click Submit. A confirmation text or e-mail will be sent to you.
 - e. Click on the link in that text or email to finish registration process.
2. Add/Remove User to Group
 - a. Go to thedeamteam.me in a web browser. The Umsl Music Notification System home page displays.
 - b. Type in Username and Password and Click on the Login button.



- c. From Main Menu, select Admin Control Panel



- d. For Add Users to Group, click on that button.

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Add Users to Groups

Which group would you like to add student(s) to?

☐ chamber1

Select users to add to the group

james student

Submit Cancel

- e. Click on the radio button to select group.
- f. Click on Users to add to group.
- g. Click on Submit.
- h. For Remove Users From Group, click on that button.

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Search for a User

OR

Select a group to view all members

☐ chamber1

Submit Cancel

- i. Enter User name in box or select group by clicking on its radio button to view all members.
- j. After selecting the user to remove click on Submit. You will get this screen:

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Select group(s) to remove james from:

☒ chamber1

Submit Cancel

- k. Click in check box for group(s) to remove selected user from then click on Submit.
- 3. Send Message
 - a. Go to thedeamteam.me in a web browser. The Umsl Music Notification System home page displays.
 - b. Type in Username and Password and Click on the Login button.



- c. From Main Menu, select Send an Announcement.

The screenshot shows the "Send an Announcement" form. At the top is the UMSL Music logo. Below it is the "Send to Group(s):" section with four checkboxes: "allusers", "chamber1" (checked), "faculty", and "woodwinds". Below this is the "Subject:" section with a yellow text box containing "Room Change". Below that is the "Announcement:" section with a yellow text box containing "Today's Chamber Ensemble 1 4:30 meeting has been changed from SSB 411 to MAC 311." Below the text box is the text "Remaining characters: 19917". At the bottom are two yellow buttons: "Submit" and "Cancel".

- d. Check boxes for all groups to send to.
- e. Type Subject and Announcement and Click on Submit button. A confirmation screen displays:



4. Google Calendar:

Go to thedeamteam.me in a web browser. Login. Click on the Google Calendar button.



Student Guide

1. Register

- a. Go to thedeamteam.me in a web browser. The UMSL Music Notification System home page displays.



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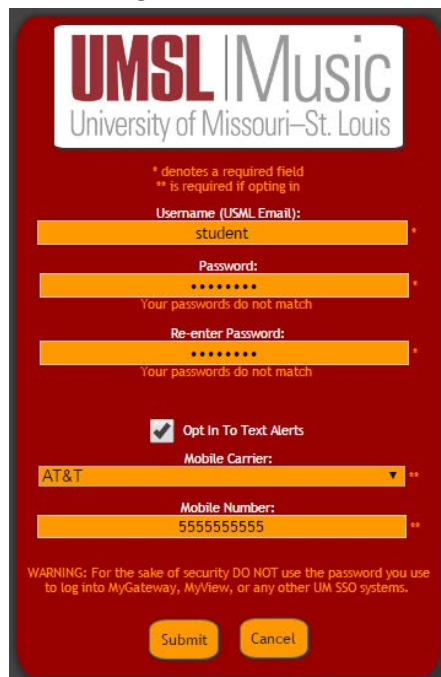
Please login or register an account

Username:

Password:

Login Register

- b. Click on Register button.



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* denotes a required field
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Username (USML Email):
student *

Password:
***** *

Your passwords do not match

Re-enter Password:
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Your passwords do not match

☒ Opt In To Text Alerts

Mobile Carrier:
AT&T **

Mobile Number:
5555555555 **

WARNING: For the sake of security DO NOT use the password you use to log into MyGateway, MyView, or any other UM SSO systems.

Submit Cancel

- c. Fill out required fields.
- d. Click Submit. A confirmation text or e-mail will be sent to you.
- e. Click on the link in that text or email to finish registration process.
2. Message reception:
A text or email will be sent when important timely information changes. Upon text reception, click on the web link to view message.
3. Google Calendar:
Go to thedeamteam.me in a web browser. Login. Click on the Google Calendar button.



Registration Name field: Unique and min/max Character length?

System Administrative Documentation

Description: describe project completely from systems engineering perspective. (In one year when the system is transferred to the department, this will be the important stuff. 4/24/2017)

This project consists mostly of html code with php, css, mysql calls. A decent amount of integrated server support and configuration is used. Outgoing messages go through mail server and api calls google calendar updates.

Sections:

1. Server Components and Configurations
2. Html code

Server Components and Configurations:

1. Domain Name System registration/IP address
2. Apache Web Sever
3. SQL Server
 - a. tables
4. PHP Interpreter
5. Mail Server
 - a. configuration

Html code: