Project Blue - User Manual

Scott Perretta - Adam Burton - Krzysztof Konopka - Kino Rose - 12/12/16

Deploying the System:

To setup the calendar system, you will need to host two applications on your server. These applications include the calendar system itself, and the associated MySQL database. Both processes will require having our calendar repository installed, which can be found here: https://github.com/PerrettaAS/CS410-16ProjectBlue

Setting up the MySQL database:

1. Download the MySQL Workbench which can be found here: https://dev.mysql.com/downloads/workbench/

2. Install MySQL with username: user and password: pass. Once downloaded, open the workbench and create a MySQL connection with the information of your server.

3. After you have created the MySQL connection that you will be using for the calendar system, connect to it with the credentials you have set.

4. Go to File -> Open SQL Script and select the CreateSchema.sql file located in the documents folder. Once it is opened, highlight and run the first two lines section of the script that create the edsncalendar and edsncalendaradmin databases. Refresh your schemas and double click edsn calendar to select it.

5 Now Run the entire script and the workbench will generate the tables for the calendar system with 8 mock events and complete the database installation and setup.

Setting up the Calendar System:

1. Install Visual Studio Community Edition to be able to run the application. This can be found here: https://www.visualstudio.com/vs/community/ (This will also require a microsoft account after 30 days.)

2. Open EDSNCalendar-ProjectBlue/EDSNCalendar-ProjectBlue.sln and the calendar system project will open in Visual Studios.

3. Before you run the project, make sure your database is online by going to the workbench and navigating to the connection you set up in the previous section.

4. Run the project in Visual Studios and the calendar system will be online and all setup.

Main Features:

The Calendar:
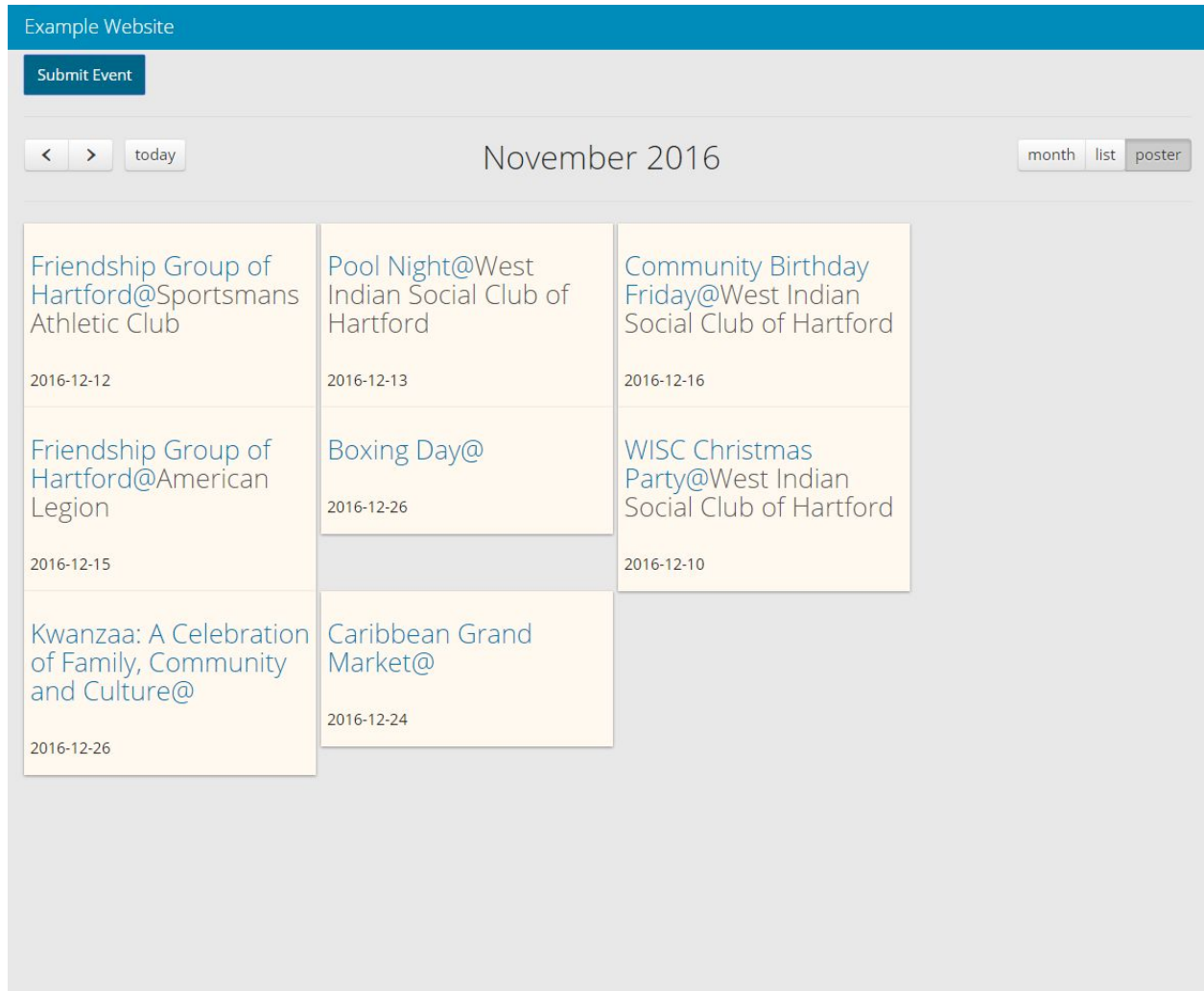
Calendar poster view

       The calendar is the primary feature of this application. The calendar serves two purposes in our application. The first being the ability to view events that are hosted within a community. The second purpose is allowing you to submit your own events that you would like the share with your community. These events require admin approval however, if approved, the event will be added to the calendar.

       There are many ways users are able to view the calendar. For starters, you are able switch the type of view between three different choices. The primary view is the poster view (see the image above), which shows a collection of events. The next view is the list view, which just

lists the collection of events from top-down.

Calendar list view

The final view is a month view, which shows all events in any given month.

As a user, you can easily create your own events that you wish to be added to the calendar system. In order to do this, click the submit event button above the calendar. Here a form will show and you will be required to fill in the fields. Once you complete this form, the event details will be sent to administration for approval. If approved, your event will be published onto the calendar and added to the system.

Users also have the ability to view event information on the Calendar itself by clicking on the event they want to expand. This will popup a detailed view of all information pertaining to the selected event.

Administration (for admins only):

The goal of this system is to allow administrators to have control over the calendar system in many different ways. Some features for administration include publishing events, deleting events, adding tags/categories to the calendar, and generating a calendar widget for different websites.

Publishing events allows user submitted events to be displayed onto the calendar. This is the step where administrators can validate the event submission and block it from moving forward to the calendar if need be.

Administrators also have the ability to delete events from the system, making them invisible to standard users. Deleting an event will move it off the calendar and be marked as inactive. Inactive events are saved to the database and can be reactivated if deleted by mistake.

Tags and categories allow users to filter events into specific subsets of events. Administrators have the ability create, modify, and delete tags and categories. When a user submits an event, there is an option to assign tags and categories to that event, which in turn, allows users to filter search the event.

In order for multiple websites to use the same calendar system, another feature on the admin panel is having the ability to generate a calendar widget. This allows other websites to include the same calendar on their website, while using the event data from the calendar systems database. There are many additional settings for customizing the calendar you are exporting, which can all be set on the generate widget page of the admin panel.

# Main Scenario - Event Creation:

       The main scenario of using this system would be a user submitting an event they would like to add to the calendar system, and then an administrator publishing that event. The walkthrough play out like this:

Walkthrough:

1. First, the user would need to submit an event by selecting the 'Submit Event' button, which is located above the calendar widget.
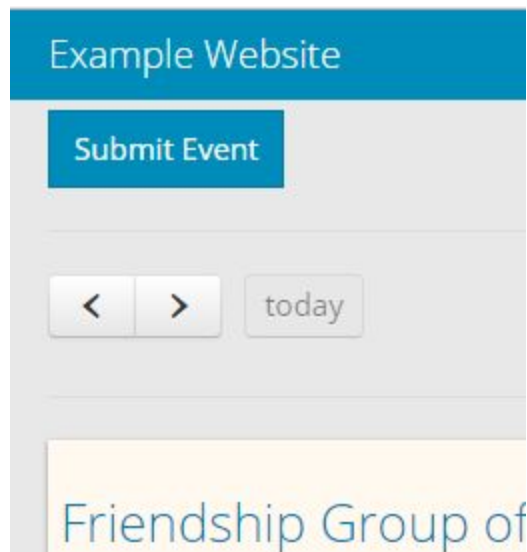
2. A form will popup, which will need to be filled out with all of the information about the event. Once finished, submit the form and the event will be sent to administrators for approval.
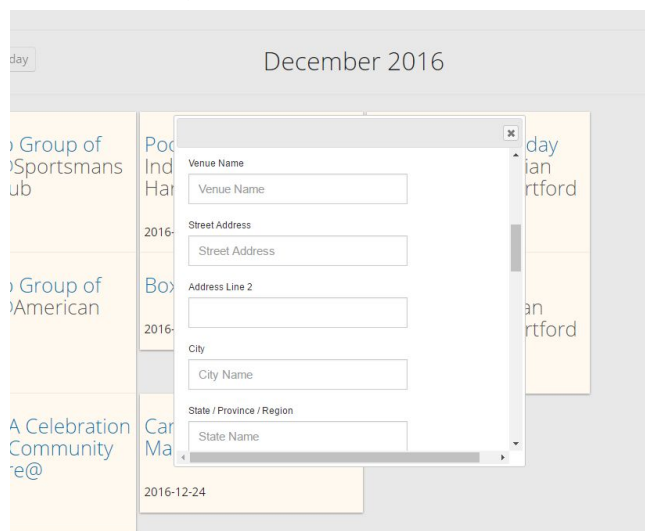
3. Here is when an administrator will log onto the admin panel and see that an event is currently submitted and needs approval.

4. The administrator will then go to the 'Events' tab and click on the event that needs approval and verify all of the information by going to the event details.

5. Once the administrator validates the event and is ready to approve it, they will then click 'Publish Event' under the 'Published Date' column.

6. Now that the event is published, the user will go back to the calendar and see that the event they submitted is now on the calendar and viewable by everyone on the system.

Additional Scenarios:

Walkthrough - Deleting an event:
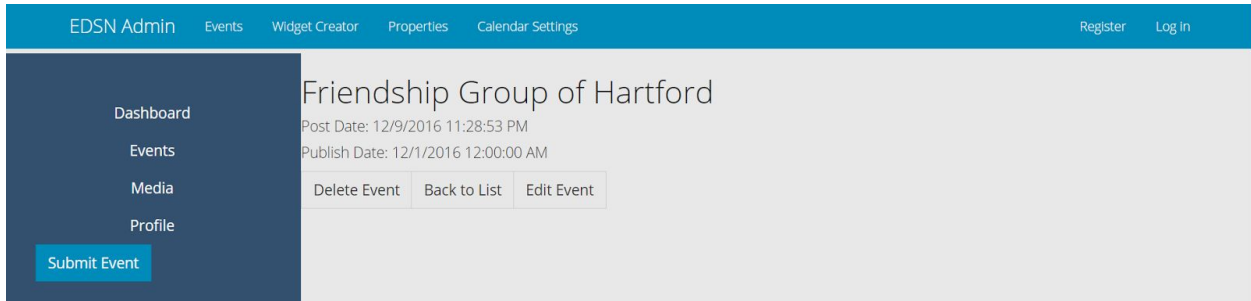
1. For an administrator to delete an event, first navigate to the Event tab on the admin panel.

2. Select the event that you wish to delete.


3. Click on the 'Delete Event' button

4. If you are sure that you want to delete the event you selected, confirm the deletion and the event will be removed from the calendar if it was published. Deleting a submitted but unpublished event will remove it from the list of events needing to be published. All events that are deleted are only accessible manually through the database.
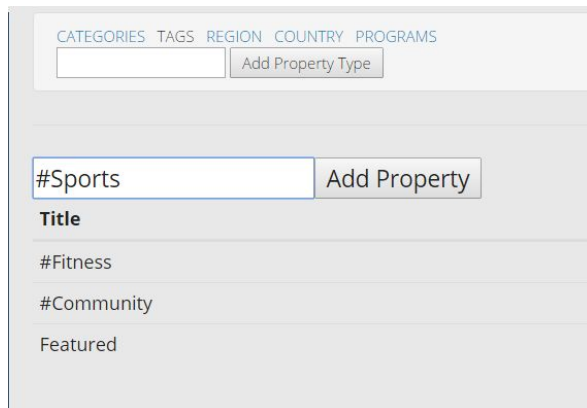
Walkthrough - Adding Properties

1. The first step to adding new properties to the calendar system, is to go to the 'Properties' tab on the admin panel.
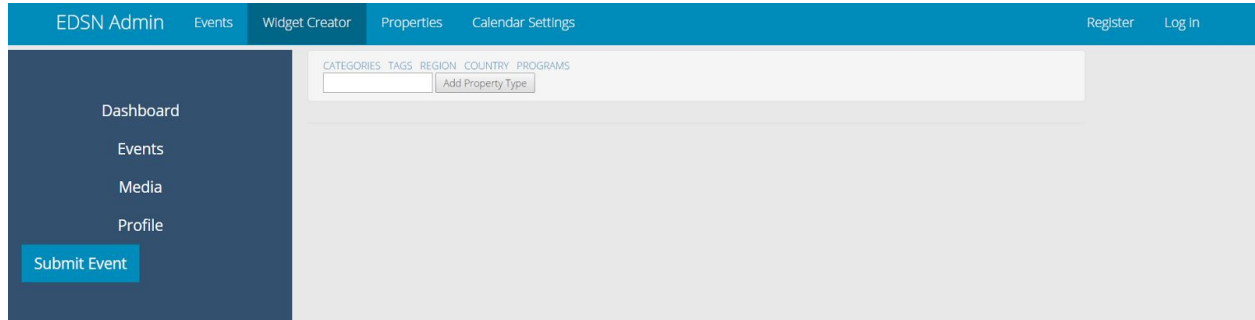
2. Select which type of property you want to add, for instance, tags.
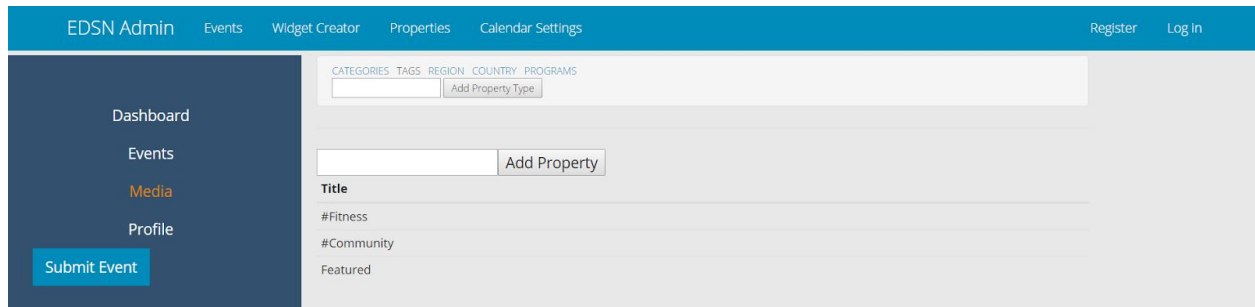
3. Go to the field left of the 'Add Property' button and enter the property you wish to add to the system.

4. Once you entered the tag, click 'Add Property' and the tag will added to the calendar system.