

EDSN CALENDAR

Iteration 1

11/7/2016

Bits Please

Chukwuogor, Uka

Klejmont, Tomasz

Mazurski, Christopher

Shahmarov, Eldar

1. System functionality after first iteration.

At the end of this iteration we are able to submit events to the DB through a form that's available to anyone that visits the site. There, we also have the Google Calendar displayed with different viewing options available. On the back-end admin portal we can view all of the events that are stored in the DB with some filtering options. From there, an admin can review each submitted event and choose to publish or reject it while sending an email to the submitter explaining why. At this point the publishing option changes the state of the event in the DB but does no interaction with the Google Calendar API yet. We can also "delete" events without removing them from the DB, they would only be removed from the event view. Our back-end portal also has a dashboard that highlights important tasks.

2-3. Implemented, new, and changed user stories.

Size	User Story
2	1. As a user or administrator, I want to be able to submit events to populate the community calendar so that my event gains exposure to a broader audience
3	7. A) As an administrator, I want an event publishing tool that, after reviewing an event submitted by a user/administrator, allows me to either mark an event to be published or reject it and at the same time notify the user/administrator of a reason for being rejected
3	3. As a user, I want an option to change the calendar view based on a monthly, weekly, or even daily schedule
5	4. As an administrator, I want an event view that will let me view all events currently stored in the database and allow me to filter them according to set criteria

As we started implementing what we set out to accomplish during the first iteration we have decided to bump user story #7 up to a size 8 given the complexities that we didn't anticipate earlier and split it into a size 3 and 5 story. The size 3 user story which we were able to implement during this iteration includes rejecting an event while notifying the submitter and marking an event for publishing without posting it to the calendar. The size 5 user story is the actual interaction with the Google Calendar that will make an event appear in the calendar after being published.

Size	Split User Story
3	7. A) As an administrator, I want an event publishing tool that, after reviewing an event submitted by a user/administrator, allows me to either mark an event to be published or reject it and at the same time notify the user/administrator of a reason for being rejected
5	B) As an administrator, I want an event marked as ready to be published to actually display in the calendar so that all visitors can see it

We have implemented 7A and are putting 7B back in the product backlog.

As a new addition to our stories, we created a dashboard in the back-end portal with quick navigation links and tracking of unpublished events that, with a quick glance, allows the administrator to see if anything requires his/her actions. We implemented it right away.

4. Lessons learned.

Probably the most important lesson that we learned is that we have to start working on things right away and not leave it until the last few days. We also need to communicate better on which files/code we are modifying, create more branches, and commit more frequently. Fixing these bad habits is what we will strive for in the upcoming iteration.

5. Stories yet to be implemented.

2. As a user, I want a filtering tool to simplify searching for events based on criteria such as interests, location, venue, etc.

Size: 3

Preconditions: All criteria relevant to the search has been selected.

Postconditions: The calendar only displays events that match the selected criteria.

5. As an administrator, I want a detailed event view that will allow me to modify any event and edit any of its attributes

Size: 3

Preconditions: Administrator level permissions. All fields that need to be modified have had their data or selection replaced with a new one.

Postconditions: All edited fields for the event in question have been updated in the database to reflect the changes. Event displays the updated information in the calendar (if previously published).

6. As an administrator, I want an event delete option to completely remove an event entry from the database to prevent clogging with spam/unpublishable events

Size: 1

Preconditions: Administrator level permissions. Event/s to be deleted are checked off.

Postconditions: All data pertaining to checked off events has been removed from the database. Event is removed from the calendar (if previously published)

7. B) As an administrator, I want an event marked as ready to be published to actually display in the calendar so that all visitors can see it

Size: 5

Preconditions: An event marked for publishing to the calendar selected

Postconditions: An event is posted to the calendar and visible to all visitors

8. As an administrator, I want a script generating widget that can produce a script to embed calendars on different websites.

Size: 8

Preconditions: Administrator level permissions.

Postconditions: A generated script is displayed and ready to be copied.

9. As an administrator, I want to be able to customize the script generated by the widget by filtering different options and/or adding a custom header and footer.

Size: 8

Preconditions: Administrator level permissions. All filter criteria selected. Header and footer customization provided.

Postconditions: A generated script for a customized calendar is displayed and ready to be copied.

10. As an administrator, I want an administrative account set up that allows me to create new admin accounts with different roles that have preset permission levels

Size: 2

Preconditions: Administrator level permissions. All mandatory information for creating a new account has been filled out.

Postconditions: A new entry in the database user table has been added. Introductory email with password reset sent to the email associated with new account.

6. Next iteration

Size	User Story
3	2 As a user, I want a filtering tool to simplify searching for events based on criteria such as interests, location, venue, etc. so that I can easily view events that could potentially interest me
3	5. As an administrator, I want a detailed event view that will allow me to modify any event and edit any of its attributes
1	6. As an administrator, I want an event delete option to completely remove an event entry from the database to prevent clogging with spam/unpublishable events
5	7. B) As an administrator, I want an event marked as ready to be published to actually display in the calendar so that all visitors can see it
2	10. As an administrator, I want an administrative account set up that allows me to create new admin accounts with different roles that have preset permission levels

Total product backlog size after additions: 43

Approximate size of each iteration: 14

Current size of the backlog: 30

Total size of second iteration: 14

At the end of the second iteration our system should be almost fully functional, given that nothing new comes up, with the exception of a script generating widget that allows the calendar to be embedded on other sites. On top of the current functionality of the system which was mentioned above, our system will have event filters available to all users/administrators on the front-end. The admin portal will have an option to add new administrative accounts with different permission levels. We will also allow admins to access the detailed event view to modify events and edit any of their attributes. That will also have a delete option that will permanently remove the event from the database. And lastly, the published events will be visible to all users/administrators on the front-end.