

Project Blue ~ Iteration 3 Report

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1. Current Functionality

At the end of iteration 3, the functionality of our calendar system meets the specifications required in the beginning of the project. We have a fully functioning calendar system and have implemented all features that were laid out in the product backlog.

Users have the ability to view a calendar that is populated with events, submit an event to administration if they want it added to the calendar, filter by categories and tags to search for events that interest them, and expand the details of an event by selecting it on the calendar. Users have the ability to dynamically change calendar views to a monthly, a list, or a poster view. Sharing events is also functional, by allowing users to share events via twitter.

Our calendar system has a functional account system which allows the creation of administrative accounts. This requires login authentication at the login screen. The admin panel has a wide array of functions. Administrators can view the number of submitted and published events at the admin panel home screen. The Events tab on the panel allows admins to view events in more detail, publish events to the calendar, or delete events from the system. Our calendar system allows the generation of the calendar widget. Essentially this is a bare mock up of our calendar with pre populated event data, so when the calendar is exported, it has all of the latest events. Admins have the ability to add/edit properties such as tags, categories, location, and programs. This is the overall functionality of our calendar system for both users and administrators.

2. Implemented User Stories

2. Dynamic Calendar Views - As a user role, I want to view a calendar with event information, in different views.

Pre-Conditions

- A calendar has been generated and placed on a website.

Post-Conditions

- A user can filter for specific events and dates

Weight: 3

3. Calendar Tags & Categories - As a user role, I want to filter the calendar with different tags and categories pertaining to what I am interested in.

Pre-Conditions

- A calendar is viewable on the website

Post-Conditions

- A user can filter the calendar for specific tags and categories

Weight: 3

4. Generate Calendar Widget - As an admin role, I want to generate different modular versions of the calendar to be used in mine and other's websites.

Pre-Conditions

- A calendar has been generated with all possible events

Post-Conditions

- User can see the modular version of the calendar with filtered events

Weight: 5

5. Share Event - As a user role, I want to share an event over social media Apps

Pre-Conditions

- Event has been published
- Social media application is linked on our platform

Post-Conditions

- Event shared on social media

Weight: 1

8. View/Edit Event - As an admin or editor role, I want to be able to edit published and submitted events.

Pre-Conditions

- Event exists
- Event has been published to calendar

Post-Conditions

- Event is updated with changes
- Changes are reflected on calendar

Weight: 2

10. Manage Categories - As an admin or editor role, I want to view and add categories for events that can be filtered by users.

Pre-Conditions

- Category exists

Post-Conditions

- Category list reflects changes to selected category

Weight: 1

11. Manage Tags - As an admin or Editor role, I want to view and add tags for events that can be filtered by user

Pre-Conditions

- Tags exists

Post-Conditions

- Tag list reflects changes to the selected tag

Weight: 1

12. Manage Locations - as an admin or editor role, I want to view and add locations for events that can be filtered by users.

Pre-Conditions

- List of events tied to locations

Post-Conditions

- Location added to list after modification
- Location removed from list after modification
- Location information changed after modification of list

Weight: 1

13. Account Administration - As an admin role I want to be able to manage who my admins/editors are

Pre-Conditions

- Administrative role
- More than one administrator

Post-Conditions

- Administration levels modified

Weight: 3

14. Login Page - As an admin role I want to be able to login to my administrative account and navigate to the admin panel.

Pre-Conditions

- Administrator has credentials to his/her account

Post-Conditions

- Administrator logs in and navigates to admin panel.

Weight: 1

15. Calendar Settings - As an admin role I want to be able to add settings to the calendar widget in order to make the calendar more customizable.

Pre-Conditions

- Administrator has an unconfigured calendar widget

Post-Conditions

- Administrator saves settings to customize the calendar experience for users

Weight: 3

3. User Stories Explained

We did not end up changing any of the calendar user story. The functionality represents the pre and post conditions and follows user role. We also didn't break down the calendar view further than we have previously because we felt that the development required to implement this story was well documented within this one user story. We have decided to add one user story to the product backlog, which is user story 15 (Calendar Settings). While meeting with Dr. Grant, he explained the importance of this feature and that it should be completed by the end of the project. With that in mind, we re-prioritized and fit that into the iteration.

4. Lessons Learned

We think after this iteration, better time management was really the main reason we performed so well this iteration in comparison to the other two iterations. We were on top of completing the tasks that had to be complete, we were aware of deadlines and worked based on that, and also we were able to complete what we planned for. We think that if we did this for all three sprints, our lives would have been a lot easier this past week. Another lesson learned is that sticking to your goals for the iteration allows you to stay focused and get tasks done more efficiently. We knew what we had to do this sprint, and worked to complete them without thinking about the other features until the main tasks were complete. Because of this, we were also able to go well above our capacity and actually manage to complete all backlog items.

5. Updated Product Backlog

Cumulative Size: 0

6. New User Stories

After completing this iteration, there are no more user stories that need to be completed that were predefined before this iteration. One user story we think would be a good addition to the backlog would be to connect the generated calendar widget to the database. As of now, only the main calendar can connect to the database, and we feel that one thing we missed during this project was getting all generated calendar widgets to connect to the database. Another user story that would be good to add would be to add an Editor role like Time.ly has. An editor would have more privileges than an average user, however, they wouldn't necessarily have the rights an administrator does. These are two tasks that we feel would be good additions to the system that we have created over the past three iterations.