

2 Heads Are Better Than 1

Iteration 2

Iteration Plan

1.) High Level Objectives

- Deployment System - Event Social will be deployed on Heroku. Heroku is a free cloud platform that allows developers to easily build, monitor, and deploy applications to the web. It's as simple as pushing our code from GitHub to Heroku and then navigating to the custom Heroku domain.
- Demo - Event Social will be demoed using the live Heroku site. For this demo, we will be showing off the ability to create a user profile, edit the profile information after it is created, create a new event, subscribe to an event, search through all of the created events, search through all of the Event Social users, view information for an event, and view a user's profile. We will also be demoing how these new features are integrated with the use cases that we implemented in Iteration 1 to give the class an understanding of the scope of the work completed to this point and allow them to see all of the features that are available through this iteration.
- Use Cases Implemented
 - Edit User Profile – Allow users to create a profile if they haven't done so yet, and then allow them to edit their profile at any time. Users can click the Edit Profile button when viewing their profile, and will be able to edit all of the information associated with their account. This information includes their first name, last name, occupation, about me, and an optional profile picture.
 - Create New Event – Allow users to create new events on Event Social that other users can view and subscribe to. Users can access the Create New Event page by clicking the button on the Tweets page or on the My Events page. Users can enter in information about the event that others can view. This includes event name, hashtag, location, date, time, description, and an optional event banner. This will allow other users to view their event and subscribe to it if they so choose.
 - Subscribe to Event – Allow users to subscribe to any events that have been created on Event Social. The user can navigate to the Search Events page by clicking the button on the Tweets page or on the My Events page. Users can search through all events that have been created on Event Social and subscribe to any events that they want to follow. This will then allow users to view tweets and comments associated with the events that they are subscribed to.

2.) Work Item Assignments

- **Ryan**
 - Developed the backend code for Iteration 2, which included updating the database and making sure the use cases (edit user profile, create new event, subscribe to event) were implemented functionally. This included working heavily with the backend model to ensure that all data was stored and linked together correctly so that it could be pulled to the frontend with ease. Also styled the UI for the event page and search users page and implemented the countdown.

- Worked on generating class diagram and controller diagram through Rails plugins.
- Worked on creating system sequence diagrams (SSDs).
- Worked on creating interaction (sequence) diagrams.
- Worked on creating the design document.
- Worked on testing every use case.
- **Joey**
 - Developed the frontend code for Iteration 2, which included creating the UI for the profile page, events page, search events page, create event page, create profile page, edit event page, and edit profile page. Used HTML with the Foundation Framework to make Event Social mobile responsive and created custom CSS to style the elements of the site. Also implemented several jQuery plugins for optimal user experience, including things such as the timepicker, datepicker, and input validation on all forms.
 - Completed the updated use case model, project vision, and iteration plan.
 - Worked on creating interaction (sequence) diagrams.
 - Worked on creating the design document.
 - Worked on creating the iteration plan.
 - Worked on testing every use case.

3.) Evaluation Criteria

- Event Social must pass the tests at least 95% of the time for Iteration 2.
- Tests
 - *Edit User Profile* – This use case is important because we want the user to be able to customize their profile that is displayed to other users. They should be able to edit their profile at any time, so it is important to make sure that this form works correctly almost every time. It isn't necessarily a core feature of importance to the application such as the use cases dealing with events, but we need to make sure it is not normal for users to run into errors when editing their profile. It should be something that runs perfectly smoothly 9.5 out of 10 times in the very least. To test this use case, we will do the following:
 - Enter normal data in every field to ensure that it the feature works as it should.
 - Enter incorrect data in every field and try to submit to ensure that the user cannot save this information to their profile.
 - Enter incorrect data in one field and correct data in all others and try to submit to ensure that each field is validating the information correctly. Do this multiple times, changing which field you enter the incorrect data in every time to make sure each field works the way it should.
 - Leave all of the fields blank and try to submit to ensure that the page will display the errors to the user telling them that every field is required.
 - Leave one field blank and fill in correct data for every other field and try to submit to ensure that each individual field will display to the user that

it is required. Do this multiple times, changing which field we leave blank every time to make sure each field works the way it should.

- *Create New Event* - This use case is important because it leads to the most important feature of Event Social: allowing users to see tweets and comments from an event that they are subscribed to. We want all users to be able to create an event at any time, and because this use case is so vital to the application, we need this to work 100% of the time without fail. To test this use case, we will do the following:
 - Enter normal data in every field to ensure that it the feature works as it should.
 - Enter incorrect data in every field and try to submit to ensure that the user cannot save this information to their profile.
 - Enter incorrect data in one field and correct data in all others and try to submit to ensure that each field is validating the information correctly. Do this multiple times, changing which field you enter the incorrect data in every time to make sure each field works the way it should.
 - Leave all of the fields blank and try to submit to ensure that the page will display the errors to the user telling them that every field is required.
 - Leave one field blank and fill in correct data for every other field and try to submit to ensure that each individual field will display to the user that it is required. Do this multiple times, changing which field we leave blank every time to make sure each field works the way it should.
 - Create events with and without images and make sure that it works whether or not you choose to upload an image for your event.
 - After we have thoroughly tested the form with the above steps, we will ensure that the event was created successfully by completing the following steps.
 - Navigate to the My Events page and ensure that the event that you just created now appears there. Expand the tab and click on the View More button and confirm that all of the data displayed matches what you had input when you created the event.
 - Navigate to the My Events page, expand the tab of the event you created, and click on the Edit Event page. Ensure that all of the data populated in the input fields is the same as the information you filled out when you created the event.
 - Log out of the profile that you used to create the event and log back in with a different profile. Navigate to the Search Events page and verify that the event you just created shows up in the table. Click on the View More button and confirm that this page is the same as the one that you viewed when you completed the test two bullets above.
- *Subscribe to Event* – Similar to Create New Event, this is an extremely important use case for the success of Event Social. The whole point of the application is to build hype for an event, and without allowing users to subscribe to events, we would not be able to meet the basic functionality we envisioned from the start.

Because of the importance of this use case, we also need this to work 100% of the time. To test this use case, we will do the following:

- Create an event and log in with a different account than the one that you used to create it. Navigate to the Search Events page and click the View More button of that event. Click the subscribe button at the bottom of the page to subscribe to the event, and ensure that this button now changes to an unsubscribe button.
 - Navigate to the My Events page and make sure that this page is now displayed under your Subscribed Events section.
 - Navigate to the Tweets page and locate the hashtag of the event you just subscribed to under the Subscribed Events section on the left sidebar. Click on the hashtag and ensure that the tweets that are displayed on the page all contain the hashtag specified for this event.
 - Log out of this profile and log in to a third profile. Navigate to the Search Events page and find the event you created. Click the View More button and then on the next page, click the Subscribe button. This makes sure that multiple users are allowed to subscribe to an event. Then follow the above steps for extra confirmation that you are subscribed to this event.
- A favorable response to the demo by the instructor and classmates from other teams.