

Sprint 2 MVP

Team Roles:

Product Owner: Kiara Sims

Scrum Master: Ming-Sheng Xu

Links:

Heroku: <https://eventnxt-fall2024-dev-67890e38df3f.herokuapp.com/>

Github: <https://github.com/FashioNXT/EventNXT-Fall2024/tree/dev> (dev branch)

Linear (Project Tracker): <https://linear.app/eventnxt/team/EVE>

- Invitation link: <https://linear.app/eventnxt/join/7a62856b531c96c8fd64df5b68f49ce5?s=1>

Slack: <https://app.slack.com/client/T07MYFJ1213/C07MYFJ2MAR>

Weekly Customer Meetings

Date: 15 Oct 2024 | Time: 2:20 PM | Phone call

We kept the client informed about our progress on each feature, including the team members responsible for them. During a demonstration of the new validation we applied to box office sales, the client mentioned that the data would be imported from third-party ticketing platforms, such as Ticketmaster, and should be considered accurate and not subject to edits or validation checks. As a result, we had to redefine the user stories and reassess the implementation approach and the estimated time required for these features.

Sprint Goal & Sprint Backlog

In this sprint, we had two main objectives:

1. **Fix Legacy Test Cases:** We aimed to resolve the legacy test cases left by the previous team, including RSpec and Cucumber tests, ensuring all tests pass without failures. We successfully completed this by the start of Sprint 2 MVP week.
2. **Improve MVP Features:** Our major goal was to enhance certain features as outlined in the Sprint 2 Plan after meeting with the client. While we successfully completed some improvements, others lacked refinement and testing due to the following reasons:
 - **Team Member Absences:** Some team members were sick during Sprint 2. With a small team of six, each member has significant responsibilities, making it challenging to cover for absent colleagues.
 - **Midterm Exams:** Most of our team had midterms this week, which limited the time available for project work.

- **Client Requirement Changes:** The client introduced changes to some requirements this week (see above), leading to certain user stories being discarded and needing redefinition.
- 3. To prevent issues in the main development branch, we decided to merge the improvements and deploy the app after all testing is completed during the Sprint-2 Retrospective. Details are provided below.

User Stories (Sprint 2 - Plan)

1. Feature: Seating Levels
 - a. As an event organizer
 - b. When I add a seating level with the same category and section already made
 - c. I should receive an error message

Status: **Implemented and working**

Demo Video :

<https://drive.google.com/file/d/1aPEuEhQtg5lrWt2EQKLrWrtv2n7-Jg1M/view?usp=sharing>

2. Feature: Seating Summary
 - a. As an event organizer
 - b. When I look at the Seating Summary section
 - c. I should see a column name booked seats

Status: **Implemented and working**

Demo Video:

https://drive.google.com/file/d/1dXW_wGYbEuajQUWPwwA1Hc_O8tdP70rT/view?usp=sharing

3. Feature: Booked Seats column
 - a. As an event organizer
 - b. When I look at the Seating Summary section
 - c. Booked seats should have the number of booked seats from Box Office

Status: **Implemented and working**

Demo Video:

https://drive.google.com/file/d/1dXW_wGYbEuajQUWPwwA1Hc_O8tdP70rT/view?usp=sharing

4. Feature: Committed Seats column
 - a. As an event organizer
 - b. When I look at the Seating Summary section
 - c. Committed seats should be a total of Allocated Seats + Booked Seats

Status: **Implemented and working**

Demo Video:

https://drive.google.com/file/d/1dXW_wGYbEuajQUWPwwA1Hc_O8tdP70rT/view?usp=sharing

5. Feature: Manage Invited Guests
 - a. As an event organizer
 - b. When I upload a new spreadsheet
 - c. The current spreadsheet should not be overridden
 - d. The spreadsheets should be combined

Status: **Implemented and working**

Demo Video :

<https://www.loom.com/share/5491beb9aac34160acca584b83230e96?sid=f786685f-23d1-403b-b64a-d12a2e58ac55>

6. Feature: Manage Invited Guests - Data Validation
 - a. As an event organizer
 - b. When I add a new spreadsheet
 - c. I should receive an error message
 - d. If the email field has no value

Status: **Implemented and working**

7. Feature: Manage Invited Guests - Data Validation
 - a. As an event organizer
 - b. When I add a new spreadsheet
 - c. I should receive an error message
 - d. If category and section have no value
 - e. And are not in Seating Levels

Status: **In Progress**

8. Feature: RSVP link
 - a. As a customer
 - b. I should receive an email with the RSVP link
 - c. When I click the link I should be redirected to a webpage
 - d. I should be able to see how many seats are allocated to me
 - e. And I should be able to submit my committed seats

Status: **In Progress**

9. Feature: Referral link
 - a. As an event organizer
 - b. When I send out an email to refer a friend
 - c. My friend should receive an email to buy tickets with a link
 - d. My friend should be redirected to the box office

Status: **In Progress**

10. Feature: Drop down of event selection
 - a. As an event organizer
 - b. When I select the event dropdown
 - c. I should only see events created by me

Status: In Progress

11. Feature: No drop down of guest
 - a. As an event organizer
 - b. When I select a guest to send an email to
 - c. The email field should not have a dropdown
 - d. The guest email should be filled in

Status: Implemented and working

12. Feature: Box Office Sales
 - a. As an event organizer
 - b. When I upload a new spreadsheet
 - c. The current spreadsheet should not be overridden
 - d. The spreadsheets should be combined

Status: Finished But changed by the client

The data should be collected from 3rd-party tickets selling applications.

And hence no overridden issue, because the values should be updated according to the data retrieved from the external application.

- **Heroku:** <https://eventnxt-fal-box-office-j0yy0h.herokuapp.com>
- **Demo Video:**
<https://drive.google.com/file/d/13mDyuVsiUysxyhnmwouAkAQpL0IHMs42j/view?usp=sharing>

13. Feature: Box Office Sales
 - a. As an event organizer
 - b. When I add a new spreadsheet
 - c. I should receive an error message
 - d. If the email field has no value

Status: Finished But changed by the client

The data should be collected from 3rd-party tickets selling applications.

This will depend on the data collected, if the data of the external applications does not contain emails, then the user may still need to see the error message.

- **Heroku:** <https://eventnxt-fal-box-office-j0yy0h.herokuapp.com>
- **Demo Video:**
<https://drive.google.com/file/d/13mDyuVsiUysxyhnmwouAkAQpL0IHMs42j/view?usp=sharing>

14. Feature: Box Office Sales
 - a. As an event organizer
 - b. When I add a new spreadsheet
 - c. I should receive an error message
 - d. If category and section have no value

Status: Finished But changed by the client

The data should be collected from 3rd-party tickets selling applications.

The category and section should be deduced from the data of the external application. If they do not contain those kinds of values, then the user may still need to see the error message.

- **Heroku:** <https://eventnxt-fal-box-office-j0yy0h.herokuapp.com>
- **Demo Video:**
<https://drive.google.com/file/d/13mDyuVsiUysxyhnwouAkAQpL0IHMs42j/view?usp=sharing>

15. Feature: Preventing users from committing more seats than the remaining seats.

- As an event organizer
- When I add a new guest
- I should receive an error message when committing more seats than remaining message

Status: **Implemented and Working**

Demo:

https://drive.google.com/file/d/1KZyq5g9CVBOLf0ZZ-0akCM5S_-B884ix/view?usp=sharing

Test Coverage

```
Finished in 4.35 seconds (files took 3.17 seconds to load)
168 examples, 0 failures, 1 pending
Coverage report generated for RSpec to /eventnxt/coverage. 536 / 584 LOC (91.78%) covered.
```

Code Quality



RUBYCRITIC

Overview

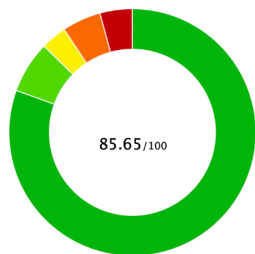
</>

Code

Smells

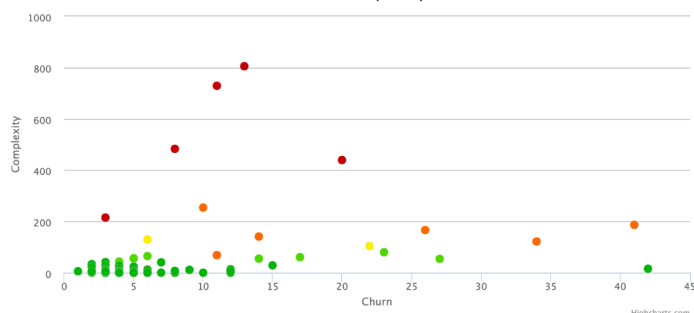
Coverage

Overview



A B C D F Highcharts.com

Churn vs Complexity



Summary

A

95 files 453 churns 82 smells

B

8 files 101 churns 27 smells

C

4 files 34 churns 4 smells

D

6 files 136 churns 89 smells

F

5 files 55 churns 52 smells

Code Style

Rubocop had over 1000 fixes. It is believed to have never been run since there were so many fixes. 340 fixes are still in progress.

```
kiara@DESKTOP-F3QNBRO: ~/event/EventNXT-Fall2024
AAAA
test/controllers/seats_controller_test.rb:24:81: C: Layout/LineLength: Line is too long. [128/80]
# post seats_url, params: { seat: { category: @seat.category, event_id: @seat.event_id, total_count: @seat.total_count } }
test/controllers/seats_controller_test.rb:27:81: C: Layout/LineLength: Line is too long. [86/80]
event_id: @seat.event_id, total_count: @seat.total_count } }
test/controllers/seats_controller_test.rb:47:81: C: Layout/LineLength: Line is too long. [133/80]
# patch seat_url(@seat), params: { seat: { category: @seat.category, event_id: @seat.event_id, total_count: @seat.total_count } }
test/test_helper.rb:18:81: C: Layout/LineLength: Line is too long. [84/80]
# Setup all fixtures in test/fixtures/*.yml for all tests in alphabetical order.
193 files inspected, 340 offenses detected
Tip: Based on detected gems, the following RuboCop extension libraries might be helpful:
* rubocop-capybara (https://rubycops.org/gems/rubocop-capybara)
* rubocop-factory_bot (https://rubycops.org/gems/rubocop-factory_bot)
* rubocop-rails (https://rubycops.org/gems/rubocop-rails)
* rubocop-rspec_rails (https://rubycops.org/gems/rubocop-rspec_rails)
The following RuboCop extension libraries are installed but not loaded in config:
* rubocop-rspec
You can opt out of this message by adding the following to your config (see https://docs.rubocop.org/rubocop/extensions.html#extension-suggestions for more options):
AllCops:
  SuggestExtensions: false
kiara@DESKTOP-F3QNBRO:~/event/EventNXT-Fall2024$
```

BDD & TDD

- Seat Levels:

```

describe 'GET #show' do
  context 'when a box office spreadsheet is uploaded with seat bookings' do
    let(:spreadsheet_file) do
      fixture_file_upload(Rails.root.join('test', 'fixtures', 'files', 'new_ticketlist.xlsx'),
        'application/vnd.openxmlformats-officedocument.spreadsheetml.sheet')
    end
    let(:event) do
      create(:event, user:, event_box_office: spreadsheet_file)
    end

    it 'calculates the correct number of booked seats for each category from the spreadsheet' do
      create(:seat, event:, category: 'R1 PATRON', section: 'A', total_count: 100)
      create(:seat, event:, category: 'PREF R3', section: 'A', total_count: 100)
      create(:seat, event:, category: 'PREF R5', section: 'A', total_count: 100)

      get :show, params: { id: event.id }

      seating_summary = assigns(:seating_summary)
      r1_patron_summary = seating_summary.find { |summary| summary[:category] == 'R1 PATRON' }
      expect(r1_patron_summary[:tickets_sold]).to eq(9) # Corrected key name to match controller logic

      pref_r3_summary = seating_summary.find { |summary| summary[:category] == 'PREF R3' }
      expect(pref_r3_summary[:tickets_sold]).to eq(7)

      pref_r5_summary = seating_summary.find { |summary| summary[:category] == 'PREF R5' }
      expect(pref_r5_summary[:tickets_sold]).to eq(7)
    end
  end
end

```

Feature: Checking Seats Functionality

```

@pre_authenticated
Scenario: Add a guest to an event # features/manage_seat_level.feature:4
  Given I am on the event page "Fake Event" # features/step_definitions/events_steps.rb:7
  When I click on "Add New Seat" # features/step_definitions/shared_steps.rb:13
  And I fill in "Category" with "R1" # features/step_definitions/shared_steps.rb:9
  And I fill in "Section" with "VIP" # features/step_definitions/shared_steps.rb:9
  And I fill in "Total count" with "10" # features/step_definitions/shared_steps.rb:9
  And I click on "Create Seat" # features/step_definitions/shared_steps.rb:13
  Then I should see "10" in the seat list # features/step_definitions/event_guests.steps.rb:5

@pre_authenticated
Scenario: Checking the duplicate seats # features/manage_seat_level.feature:14
  Given I am on the event page "Fake Event" # features/step_definitions/events_steps.rb:7
  When I click on "Add New Seat" # features/step_definitions/shared_steps.rb:13
  And I fill in "Category" with "R1" # features/step_definitions/shared_steps.rb:9
  And I fill in "Section" with "VIP" # features/step_definitions/shared_steps.rb:9
  And I fill in "Total count" with "10" # features/step_definitions/shared_steps.rb:9
  And I click on "Create Seat" # features/step_definitions/shared_steps.rb:13
  Then I should see "10" in the seat list # features/step_definitions/event_guests.steps.rb:5
  When I click on "Add New Seat" # features/step_definitions/shared_steps.rb:13
  And I fill in "Category" with "R1" # features/step_definitions/shared_steps.rb:9
  And I fill in "Section" with "VIP" # features/step_definitions/shared_steps.rb:9
  And I fill in "Total count" with "10" # features/step_definitions/shared_steps.rb:9
  And I click on "Create Seat" # features/step_definitions/shared_steps.rb:13
  And I should see "These seats already exist for this event" # features/step_definitions/shared_steps.rb:30

```

- CRM login:

```
describe '#events360' do
  context 'when user exists and is persisted' do
    it 'signs in the user and redirects to the root path' do
      get :events360
      expect(controller.current_user).to eq(user)
      expect(response).to redirect_to(events_path)
    end
  end
end
```

```
context 'when user is not persisted' do
  before do
    invalid_user = User.new
    invalid_user.errors.add(:base, 'User could not be saved')
    allow(User).to receive(:from_omniauth).and_return(invalid_user)
  end

  it 'does not sign in the user and redirects to root with alert' do
    get :events360
    expect(controller.current_user).to be_nil
    expect(response).to redirect_to(root_path)
    expect(flash[:alert]).to be_present
  end
end
```

```
describe '#failure' do
  it 'redirects to the root path with an alert' do
    get :failure
    expect(response).to redirect_to(root_path)
    expect(flash[:alert]).to eq('Authentication failed. Please try again.')
  end
end
```

```
@omniauth_test
Scenario: Sign in with Events360
  Given I am on the login page
  When I click on "Sign in with Events360"
  Then I should be logged in as "John Doe"
  And I should see "Welcome, John Doe"

@omniauth_test
Scenario: Access feature without sign-in
  Given I am on the index page
  When I click on "Email Service"
  Then I should see "You need to sign in or sign up before continuing."
  And I should be on the index page
  And I should not see "Welcome"

@omniauth_test_failure
Scenario: Failed to Sign in with Events360
  Given I am on the login page
  When I click on "Sign in with Events360"
  Then I should see "Authentication failed. Please try again."
  And I should be on the index page
  And I should not see "Welcome"
```


- Manage invited guests and data validations

```

context 'with duplicate emails' do
  it 'redirects to event path with warning message' do
    # Create existing guests with duplicate emails
    create(:guest, email: 'Anirith@sample.com', event: event)

    post :import_spreadsheet, params: { event_id: event.id, file: duplicate_emails_spreadsheet_file }

    expect(response).to redirect_to(event_path(event.id))
    expect(flash[:warning]).to eq('Duplicate emails found: Anirith@sample.com')
  end
end

context 'with empty emails' do
  it 'redirects to event path with warning message' do
    post :import_spreadsheet, params: { event_id: event.id, file: empty_emails_spreadsheet_file }

    expect(response).to redirect_to(event_path(event.id))
    expect(flash[:warning]).to eq('Empty emails found at rows: 2')
  end
end

context 'with empty sections' do
  it 'redirects to event path with warning message' do
    post :import_spreadsheet, params: { event_id: event.id, file: empty_sections_spreadsheet_file }

    expect(response).to redirect_to(event_path(event.id))
    expect(flash[:warning]).to eq('Empty sections found at rows: 2')
  end
end

```

```

@pre_authenticated
Scenario: Check for empty email found when uploading guest list
  Given I am on the event page "Fake Event"
  And I attach the file "guests_with_empty_emails.xlsx" to the field "guest-list-attach"
  And I click on the "Upload Guest" button
  Then I should see "Empty emails found" in the error messages
# features/manage_invited_guests.feature:33
# features/step_definitions/events_steps.rb:7
# features/step_definitions/shared_steps.rb:25
# features/step_definitions/shared_steps.rb:38
# features/step_definitions/shared_steps.rb:42

@pre_authenticated
Scenario: Check for empty section found when uploading guest list
  Given I am on the event page "Fake Event"
  And I attach the file "guests_with_empty_sections.xlsx" to the field "guest-list-attach"
  And I click on the "Upload Guest" button
  Then I should see "Empty sections found" in the error messages
# features/manage_invited_guests.feature:40
# features/step_definitions/events_steps.rb:7
# features/step_definitions/shared_steps.rb:25
# features/step_definitions/shared_steps.rb:38
# features/step_definitions/shared_steps.rb:42

@pre_authenticated
Scenario: Check for empty categories found when uploading guest list
  Given I am on the event page "Fake Event"
  And I attach the file "guests_with_empty_categories.xlsx" to the field "guest-list-attach"
  And I click on the "Upload Guest" button
  Then I should see "Category can't be blank" in the error messages
# features/manage_invited_guests.feature:47
# features/step_definitions/events_steps.rb:7
# features/step_definitions/shared_steps.rb:25
# features/step_definitions/shared_steps.rb:38
# features/step_definitions/shared_steps.rb:42

```