Sprint 3 MVP

Team Roles:
Product Owner: Neil Gautam
Scrum Master: Rishabh Pagaria

Links:

Heroku: https://eventnxt-fall2024-demo3-c90f7940fb8e.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 the meeting we talked about each team member's progress. We talked mainly about the features of Referral reward and the box office sales data management using the external source. It was decided to exclude the spreadsheet feature for the box office data and included only the external feature (i.e. API) functionality. Everything was working locally and it was decided to host everything, so that it can be tested out by everyone including the client in order to get a sign-off from the client.

Sprint Goal & Sprint Backlog

In this sprint, we had two main objectives:.

1. **Improve MVP Features:** Our major goal was to enhance certain features which were mainly Referral Reward and Box Office Features as outlined in the Sprint 3 Plan after meeting with the client. While we successfully completed some improvements, others lacked refinement and testing due to the following reasons:
    - **Client Requirement Changes:** The client wants to incorporate both the spreadsheet and external source Integration for the legacy application. Integrating both of them is quite not possible and not feasible as well for the functionality of the app in the long run. Also another major concern was every external source (every spreadsheet) needs some different steps to handle it in the code.

User Stories (Sprint 3 - Plan)

1. Feature: Seating Summaries Sold Seat Column linked to Eventbrite Booking

a. As an event organizer
b. When Eventbrite data is updated in box office sales
c. Then sold seats column should be updated in seating summary
d. I should be able to see the data

Status: Completed

2. Feature: Manage Invited Guest - Data from client
   a. Scenario: Import the data
      i. As an event organizer
      ii. When I upload a new spreadsheet provided from client
      iii. The application should be smart enough to detect all the important fields like name, last name, email, etc.
      iv. I should be able to see all the data.
   b. Scenario: Data Validation
      i. As an event organizer
      ii. When I upload a new spreadsheet provided from client
      iii. If the email is blank
      iv. I should be able to see a flag and no data imported
   c. Scenario: Validation with seating level
      i. As an event organizer
      ii. When I upload a new spreadsheet provided from client
      iii. If the category and section not marches with the category and section of seating level
      iv. I should get a flag that says "Category and section not found in seating summary".

   Status: Completed

3. Feature: Show Box Office Sales Data from Eventbrite
   a. Scenario: Connect to Eventbrite
      i. When I go to the one of the event page
      ii. I should be able to connect my Eventbrite account
      iii. Then I should see the events I created on Eventbrite
   b. Scenario: Import ticket sales data from Eventbrite
      i. When I go to the one of the event page
      ii. And I am connected to my Eventbrite account
      iii. I should be able to select one event from Eventbrite corresponding to the current event page.
      iv. Then I should see the field names of each ticket sale.
      v. When I select some of the field names and map them to the column names of the Box Office Sales table.
      vi. Then I should be able to see all the sales of the event from Eventbrite on the Box Office Sales table.
   c. Scenario: Box Office Sale data validation
      i. When I go to the one of the event page
      ii. And I am connected to my Eventbrite account
      iii. And I have already mapped the fields and imported the sales data.

iv. When some data have conflicts with the Seating Levels table
v. I should see those data being flagged with warnings.

Status:

- Scenario 1: completed
- Scenario 2: completed importing the data, but not implemented column mappings because the data from API is in json format, which may confuse the user for mapping them to a table.
- Scenario 3: not implemented because the client suddenly changed his mind and required adding back the spreadsheet uploading functionality, and it needed to integrate with it. We think that is not possible to implement and need adjustments, but after communicating with him several times, he still hasn't understood the difficulty. Before we can set the spec clearly and confirm the source of data, we cannot do validations.

Feature: Send RSVP link

d. As a customer
e. I should receive an email with the RSVP link
f. When I click the link I should be redirected to a webpage
g. I should be able to see how many seats are allocated to me
h. And I should be able to submit my committed seats

Status: implemented and working

4. 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: Implemented and working
5. Feature: RSVP committed seats to be updated in seating summary and guest summary
   a. As an event organizer
   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: implemented and working
6. Feature: Manage referral table to be connected with Eventbrite data
   a. As a event organizer
   b. The table should be managed on basis of eventBrite box office data
   c. Then the event organizer should be able to see the status of managing referral rewards.

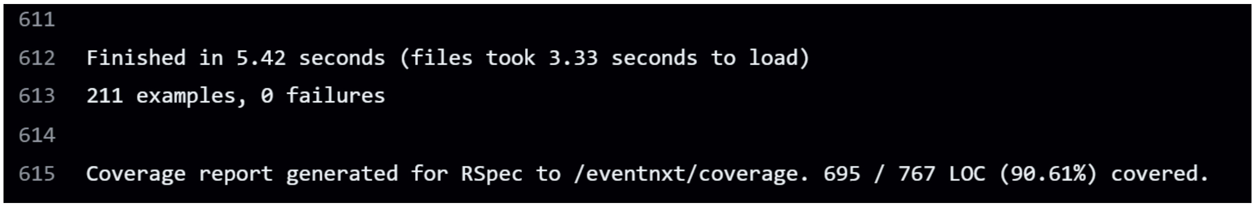
   Status
7. Feature: Sent email summary table
   a. As an event organizer
   b. When I send out an email for RSVP or Referral
   c. Email should be sent to the specified email address
   d. The table should be updated
   e. Email should be updated in this email and removed from the unsent summary table

Status: implemented and working

8. Feature: Unsent email summary table
    a. As an event organizer
    b. When I send out an email for RSVP or Referral
    c. The table should be updated
    d. Email should be sent to the specified email
    e. Then I will not see the email in this table since it hasn't been sent yet

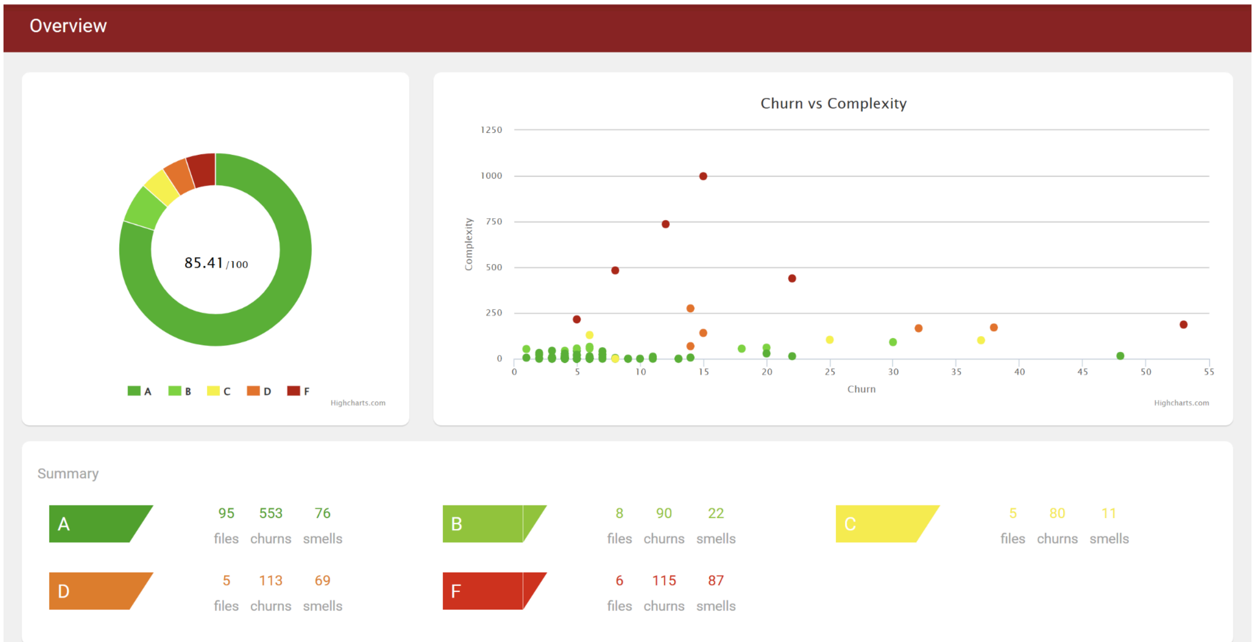
Status: implemented and working

Test Coverage



```

Finished in 5.42 seconds (files took 3.33 seconds to load)
211 examples, 0 failures

Coverage report generated for RSpec to /eventnxt/coverage. 695 / 767 LOC (90.61%) covered.
```

Code Quality



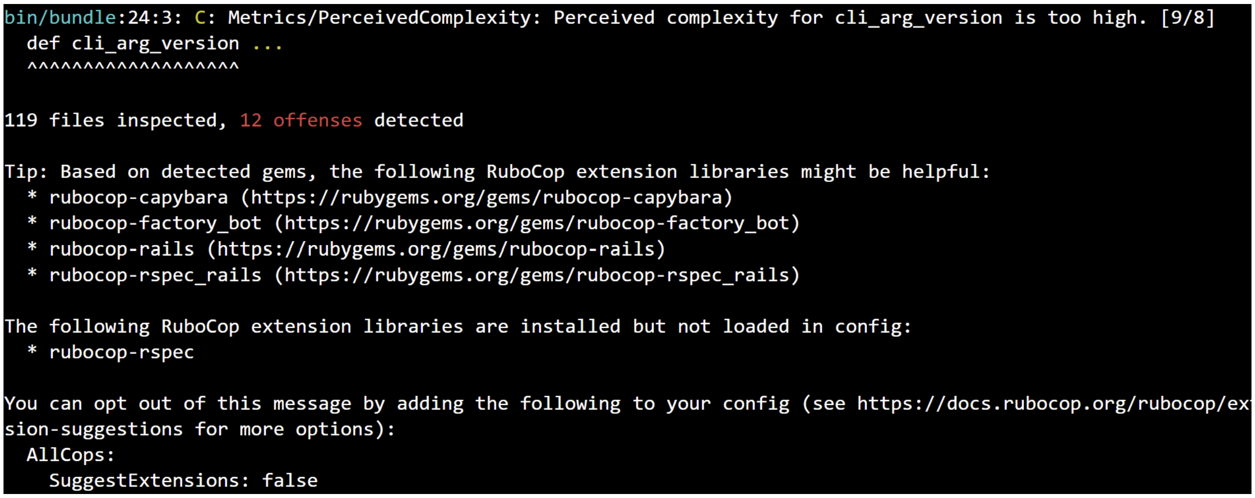
Overview

Summary

A	95 files	553 churns	76 smells
B	8 files	90 churns	22 smells
C	5 files	80 churns	11 smells
D	5 files	113 churns	69 smells
F	6 files	115 churns	87 smells

Code Style

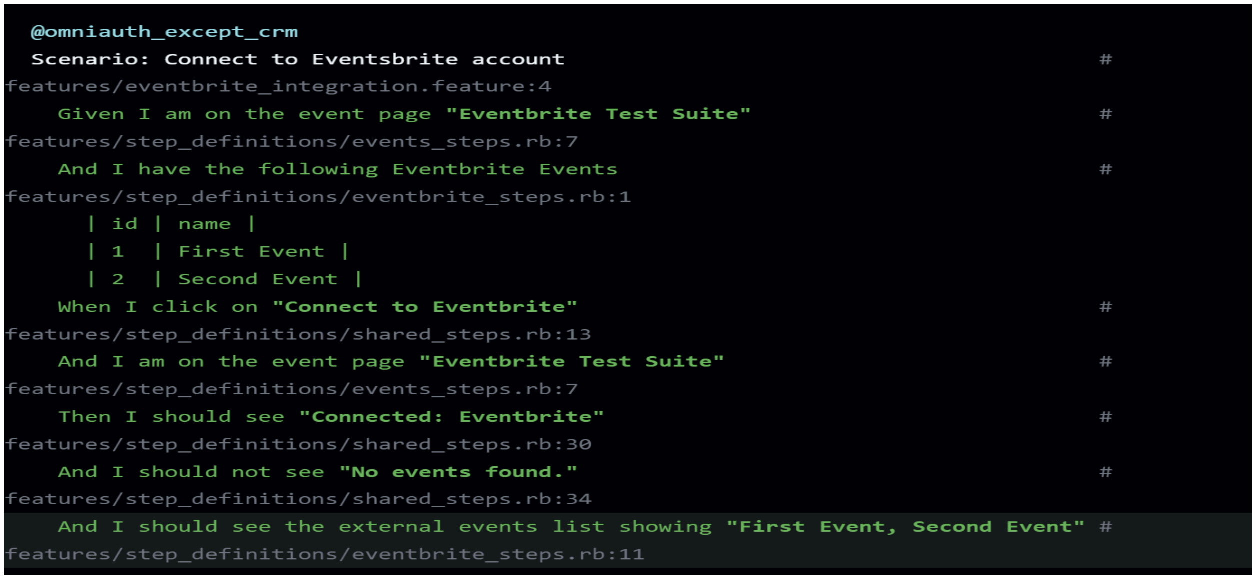
Out of the 340 offenses before in sprint 2. Now, there are only 12 offenses. This will be fixed in the coming sprints.



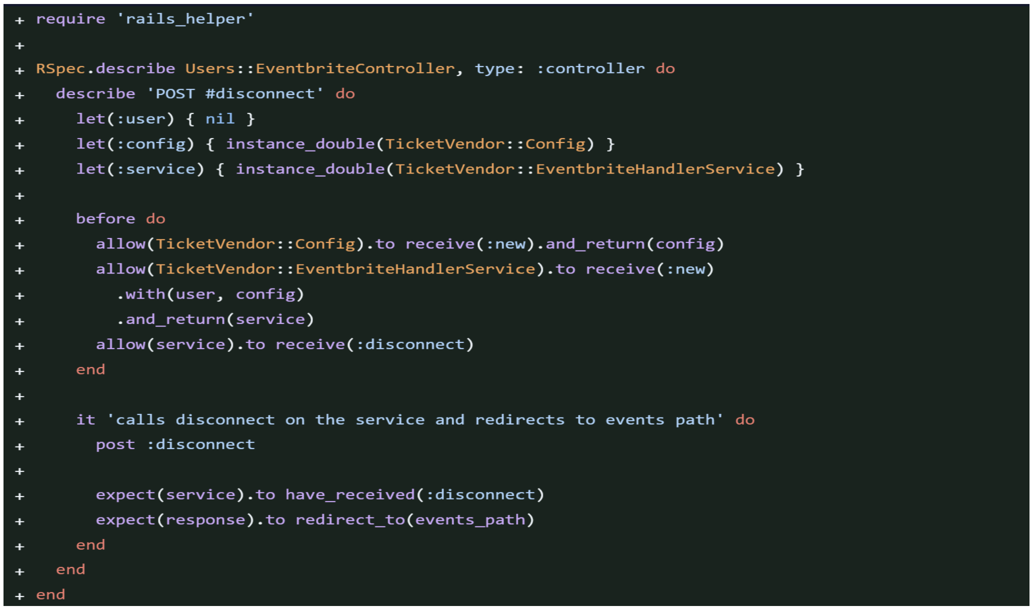
```
bin/bundle:24:3: C: Metrics/PerceivedComplexity: Perceived complexity for cli_arg_version is too high. [9/8]
  def cli_arg_version ...
  ^^^^^^^^^^^^^^^^^^^

119 files inspected, 12 offenses detected

Tip: Based on detected gems, the following RuboCop extension libraries might be helpful:
  * rubocop-capybara (https://rubygems.org/gems/rubocop-capybara)
  * rubocop-factory_bot (https://rubygems.org/gems/rubocop-factory_bot)
  * rubocop-rails (https://rubygems.org/gems/rubocop-rails)
  * rubocop-rspec_rails (https://rubygems.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/ex
sion-suggestions for more options):
  AllCops:
    SuggestExtensions: false
```

BDD & TDD

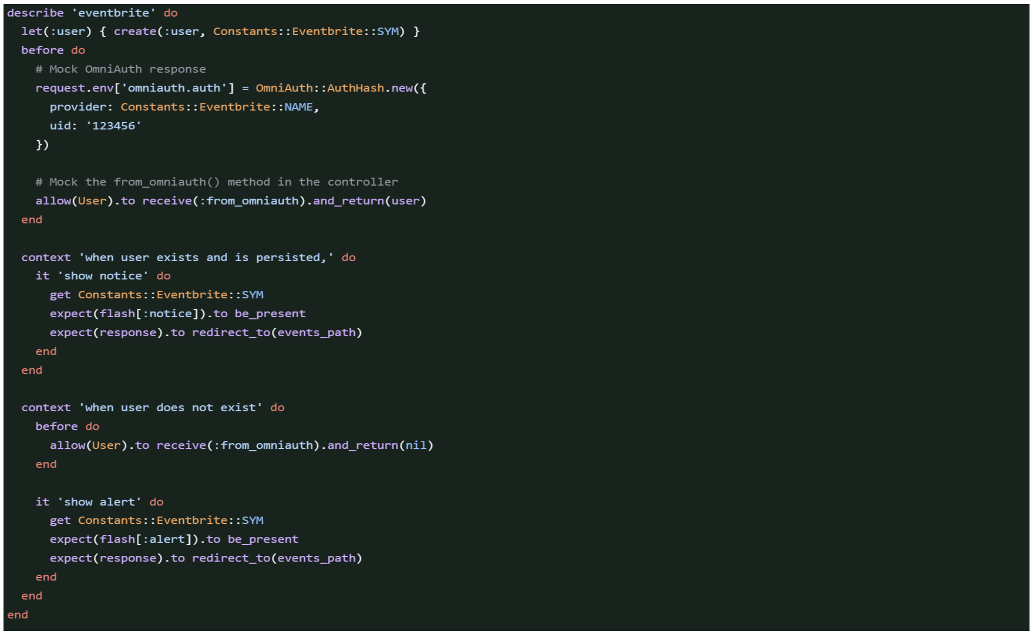
1. Eventbrite connect



```
  @omniauth_except_crm
  Scenario: Connect to Eventsbrite account                                          #
features/eventbrite_integration.feature:4
    Given I am on the event page "Eventbrite Test Suite"                            #
features/step_definitions/events_steps.rb:7
    And I have the following Eventbrite Events                                      #
features/step_definitions/eventbrite_steps.rb:1
      | id | name |
      | 1  | First Event |
      | 2  | Second Event |
    When I click on "Connect to Eventbrite"                                         #
features/step_definitions/shared_steps.rb:13
    And I am on the event page "Eventbrite Test Suite"                              #
features/step_definitions/events_steps.rb:7
    Then I should see "Connected: Eventbrite"                                       #
features/step_definitions/shared_steps.rb:30
    And I should not see "No events found."                                         #
features/step_definitions/shared_steps.rb:34
    And I should see the external events list showing "First Event, Second Event" #
features/step_definitions/eventbrite_steps.rb:11
```

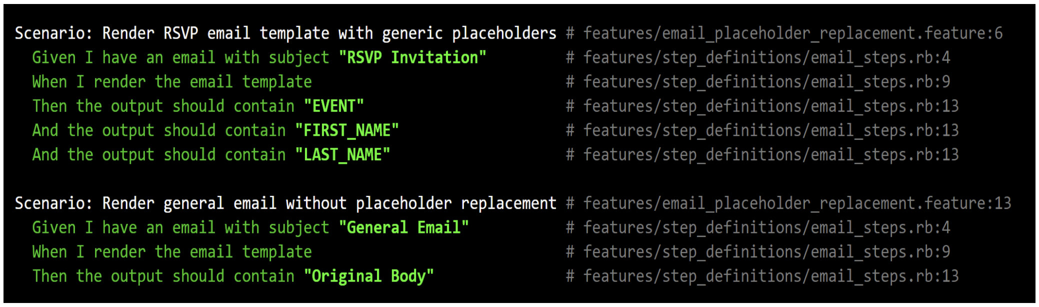


```
+ require 'rails_helper'
+
+ RSpec.describe Users::EventbriteController, type: :controller do
+   describe 'POST #disconnect' do
+     let(:user) { nil }
+     let(:config) { instance_double(TicketVendor::Config) }
+     let(:service) { instance_double(TicketVendor::EventbriteHandlerService) }
+
+     before do
+       allow(TicketVendor::Config).to receive(:new).and_return(config)
+       allow(TicketVendor::EventbriteHandlerService).to receive(:new)
+         .with(user, config)
+         .and_return(service)
+       allow(service).to receive(:disconnect)
+     end
+
+     it 'calls disconnect on the service and redirects to events path' do
+       post :disconnect
+
+       expect(service).to have_received(:disconnect)
+       expect(response).to redirect_to(events_path)
+     end
+   end
+ end
```

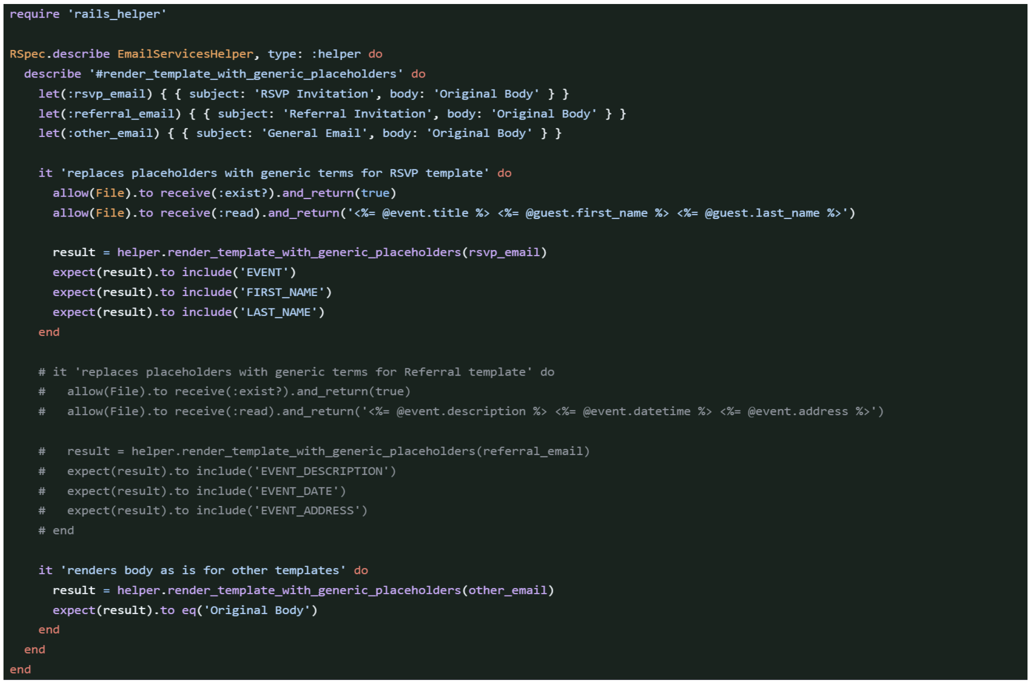


```
describe 'eventbrite' do
  let(:user) { create(:user, Constants::Eventbrite::SYM) }
  before do
    # Mock OmniAuth response
    request.env['omniauth.auth'] = OmniAuth::AuthHash.new({
      provider: Constants::Eventbrite::NAME,
      uid: '123456'
    })

    # Mock the from_omniauth() method in the controller
    allow(User).to receive(:from_omniauth).and_return(user)
  end

  context 'when user exists and is persisted,' do
    it 'show notice' do
      get Constants::Eventbrite::SYM
      expect(flash[:notice]).to be_present
      expect(response).to redirect_to(events_path)
    end
  end

  context 'when user does not exist' do
    before do
      allow(User).to receive(:from_omniauth).and_return(nil)
    end

    it 'show alert' do
      get Constants::Eventbrite::SYM
      expect(flash[:alert]).to be_present
      expect(response).to redirect_to(events_path)
    end
  end
end
```

2. RSVP Link

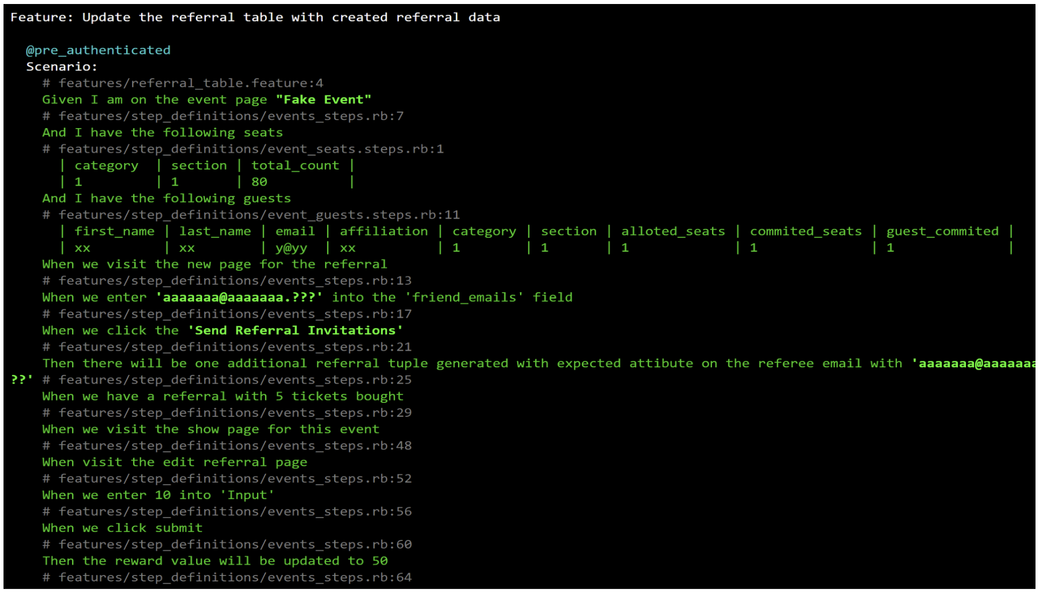


```
Scenario: Render RSVP email template with generic placeholders # features/email_placeholder_replacement.feature:6
  Given I have an email with subject "RSVP Invitation"         # features/step_definitions/email_steps.rb:4
  When I render the email template                             # features/step_definitions/email_steps.rb:9
  Then the output should contain "EVENT"                       # features/step_definitions/email_steps.rb:13
  And the output should contain "FIRST_NAME"                   # features/step_definitions/email_steps.rb:13
  And the output should contain "LAST_NAME"                    # features/step_definitions/email_steps.rb:13

Scenario: Render general email without placeholder replacement # features/email_placeholder_replacement.feature:13
  Given I have an email with subject "General Email"           # features/step_definitions/email_steps.rb:4
  When I render the email template                             # features/step_definitions/email_steps.rb:9
  Then the output should contain "Original Body"               # features/step_definitions/email_steps.rb:13
```

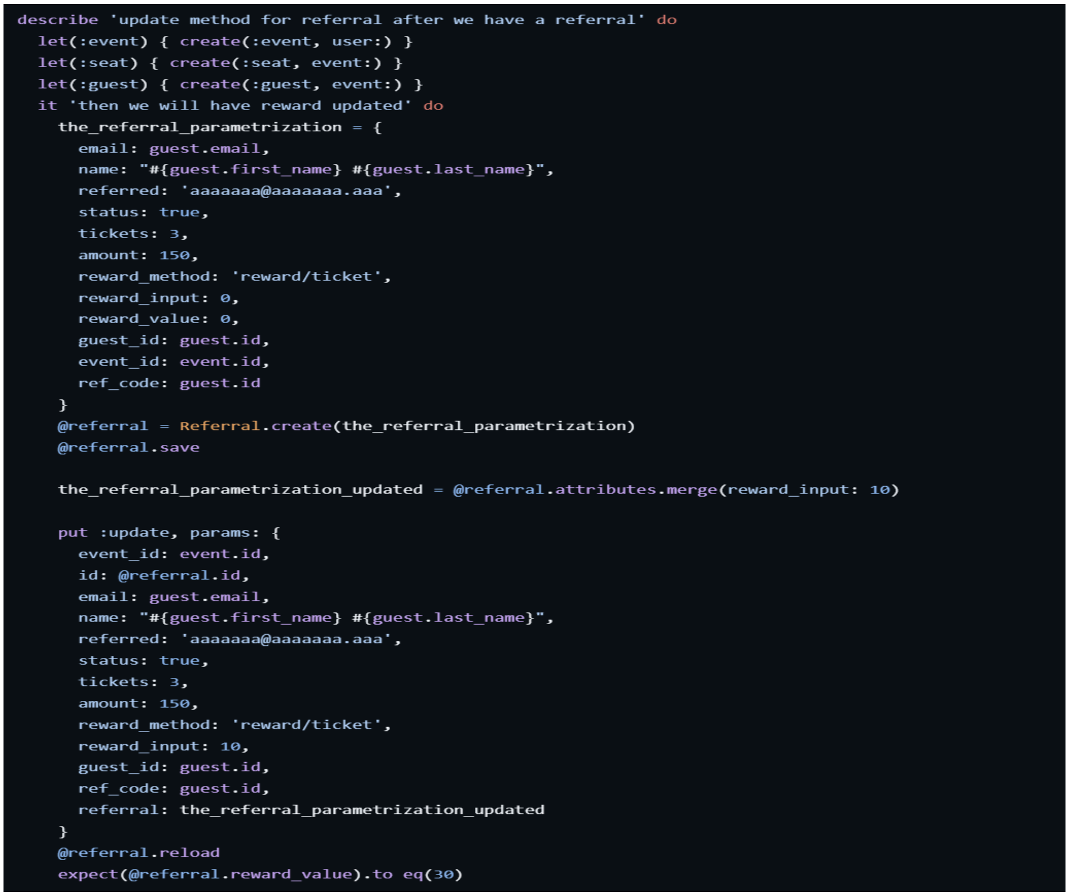


```ruby
require 'rails_helper'

RSpec.describe EmailServicesHelper, type: :helper do
  describe '#render_template_with_generic_placeholders' do
    let(:rsvp_email) { { subject: 'RSVP Invitation', body: 'Original Body' } }
    let(:referral_email) { { subject: 'Referral Invitation', body: 'Original Body' } }
    let(:other_email) { { subject: 'General Email', body: 'Original Body' } }

    it 'replaces placeholders with generic terms for RSVP template' do
      allow(File).to receive(:exist?).and_return(true)
      allow(File).to receive(:read).and_return('<%= @event.title %> <%= @guest.first_name %> <%= @guest.last_name %>')

      result = helper.render_template_with_generic_placeholders(rsvp_email)
      expect(result).to include('EVENT')
      expect(result).to include('FIRST_NAME')
      expect(result).to include('LAST_NAME')
    end

    # it 'replaces placeholders with generic terms for Referral template' do
    #   allow(File).to receive(:exist?).and_return(true)
    #   allow(File).to receive(:read).and_return('<%= @event.description %> <%= @event.datetime %> <%= @event.address %>')

    #   result = helper.render_template_with_generic_placeholders(referral_email)
    #   expect(result).to include('EVENT_DESCRIPTION')
    #   expect(result).to include('EVENT_DATE')
    #   expect(result).to include('EVENT_ADDRESS')
    # end

    it 'renders body as is for other templates' do
      result = helper.render_template_with_generic_placeholders(other_email)
      expect(result).to eq('Original Body')
    end
  end
end
```

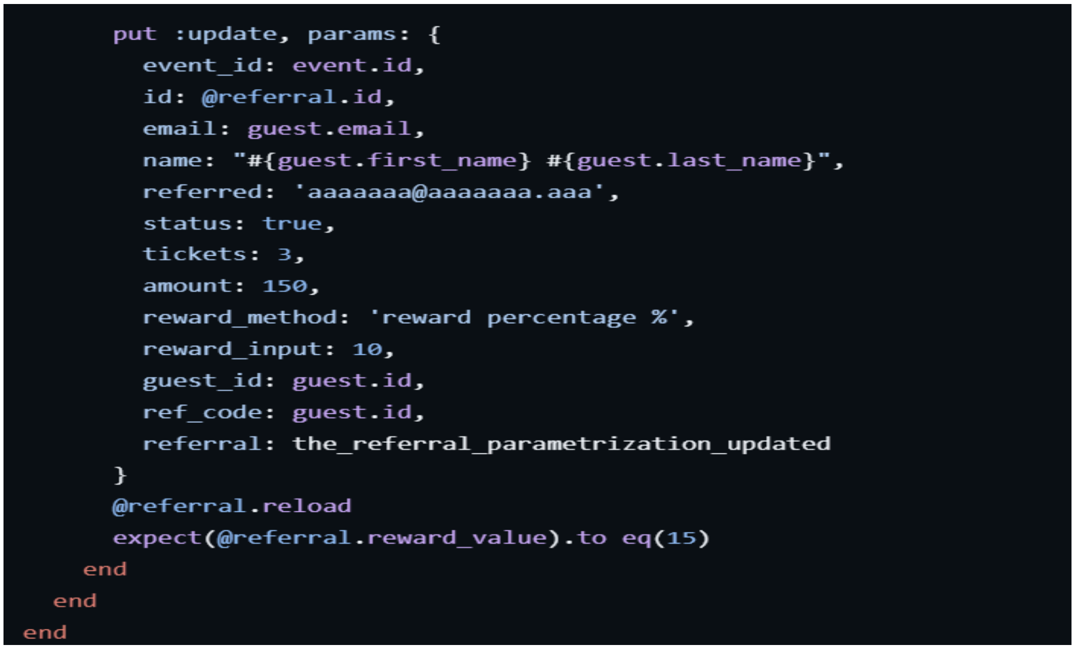
3. Referral Link



```
Feature: Update the referral table with created referral data

  @pre_authenticated
  Scenario:
    # features/referral_table.feature:4
    Given I am on the event page "Fake Event"
    # features/step_definitions/events_steps.rb:7
    And I have the following seats
    # features/step_definitions/event_seats.steps.rb:1
      | category  | section | total_count |
      | 1         | 1       | 80          |
    And I have the following guests
    # features/step_definitions/event_guests.steps.rb:11
      | first_name | last_name | email | affiliation | category | section | alloted_seats | commited_seats | guest_commited |
      | xx         | xx        | y@yy  | xx          | 1        | 1       | 1             | 1              | 1              |
    When we visit the new page for the referral
    # features/step_definitions/events_steps.rb:13
    When we enter 'aaaaaaa@aaaaaaa.???' into the 'friend_emails' field
    # features/step_definitions/events_steps.rb:17
    When we click the 'Send Referral Invitations'
    # features/step_definitions/events_steps.rb:21
    Then there will be one additional referral tuple generated with expected attibute on the referee email with 'aaaaaaa@aaaaaaa
??' # features/step_definitions/events_steps.rb:25
    When we have a referral with 5 tickets bought
    # features/step_definitions/events_steps.rb:29
    When we visit the show page for this event
    # features/step_definitions/events_steps.rb:48
    When visit the edit referral page
    # features/step_definitions/events_steps.rb:52
    When we enter 10 into 'Input'
    # features/step_definitions/events_steps.rb:56
    When we click submit
    # features/step_definitions/events_steps.rb:60
    Then the reward value will be updated to 50
    # features/step_definitions/events_steps.rb:64
```



```
describe 'update method for referral after we have a referral' do
  let(:event) { create(:event, user:) }
  let(:seat) { create(:seat, event:) }
  let(:guest) { create(:guest, event:) }
  it 'then we will have reward updated' do
    the_referral_parametrization = {
      email: guest.email,
      name: "#{guest.first_name} #{guest.last_name}",
      referred: 'aaaaaaa@aaaaaaa.aaa',
      status: true,
      tickets: 3,
      amount: 150,
      reward_method: 'reward/ticket',
      reward_input: 0,
      reward_value: 0,
      guest_id: guest.id,
      event_id: event.id,
      ref_code: guest.id
    }
    @referral = Referral.create(the_referral_parametrization)
    @referral.save

    the_referral_parametrization_updated = @referral.attributes.merge(reward_input: 10)

    put :update, params: {
      event_id: event.id,
      id: @referral.id,
      email: guest.email,
      name: "#{guest.first_name} #{guest.last_name}",
      referred: 'aaaaaaa@aaaaaaa.aaa',
      status: true,
      tickets: 3,
      amount: 150,
      reward_method: 'reward/ticket',
      reward_input: 10,
      guest_id: guest.id,
      ref_code: guest.id,
      referral: the_referral_parametrization_updated
    }
    @referral.reload
    expect(@referral.reward_value).to eq(30)
```



```
      put :update, params: {
        event_id: event.id,
        id: @referral.id,
        email: guest.email,
        name: "#{guest.first_name} #{guest.last_name}",
        referred: 'aaaaaaa@aaaaaaa.aaa',
        status: true,
        tickets: 3,
        amount: 150,
        reward_method: 'reward percentage %',
        reward_input: 10,
        guest_id: guest.id,
        ref_code: guest.id,
        referral: the_referral_parametrization_updated
      }
      @referral.reload
      expect(@referral.reward_value).to eq(15)
    end
  end
end
```