Event Sponsorship Meetup

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Problem Statement:

Event organizers need to find sponsors for their events, but it can be time-consuming and difficult to find the right sponsors and manage sponsorship inquiries.

The Event Sponsorship Meetup application solves this problem by providing a central platform where event organizers can connect with potential sponsors and automate the sponsorship matching process.

This helps event organizers save time and effort, and increases their chances of finding sponsors.

Features:

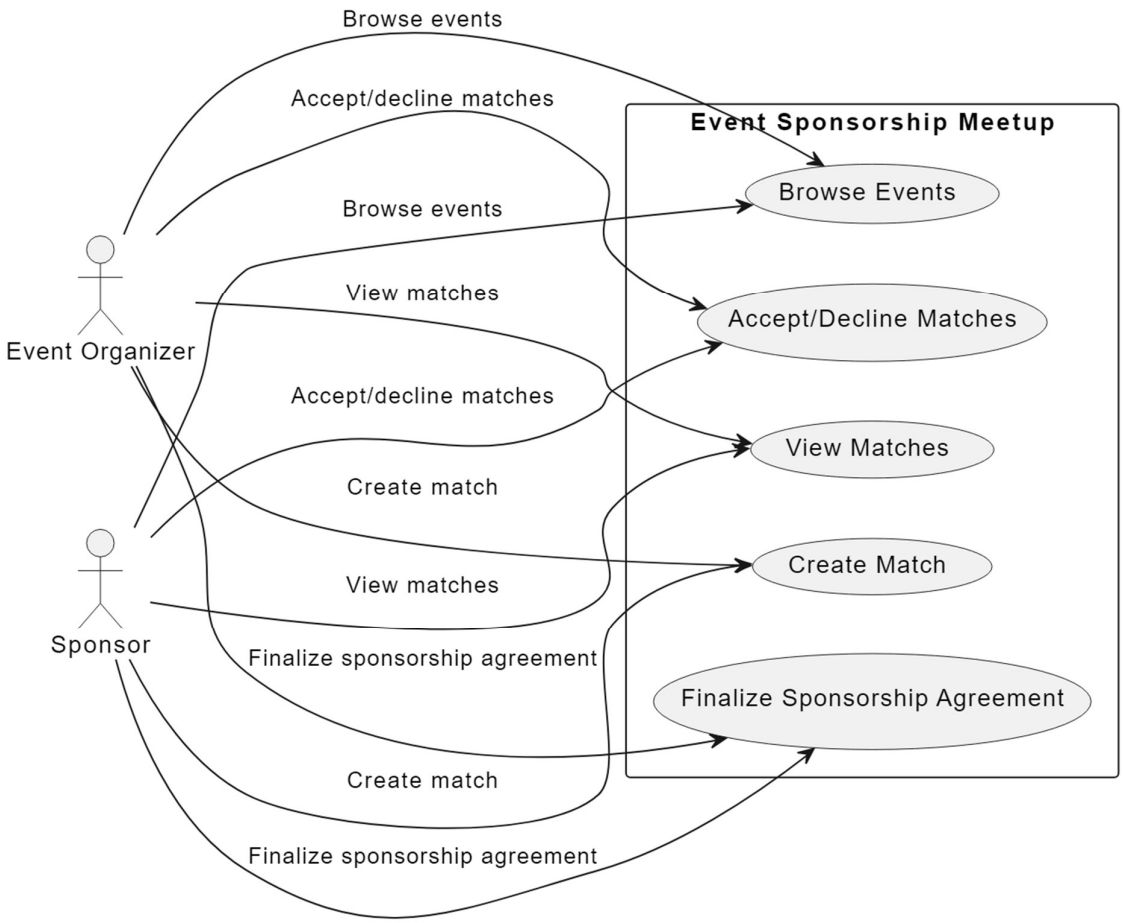
The following are the key services that make up the backend architecture for the Event Sponsorship Meetup application:

- Event Service: This service is responsible for managing event data, such as event name, location, date, and time.
- Sponsor Service: This service is responsible for managing sponsor data, such as company name, contact information, and sponsorship level.
- Matching Service: This service is responsible for matching event organizers with potential sponsors based on their needs and preferences.
- Notification Service: This service is responsible for sending notifications to event organizers and sponsors about important events, such as new inquiries and matches.

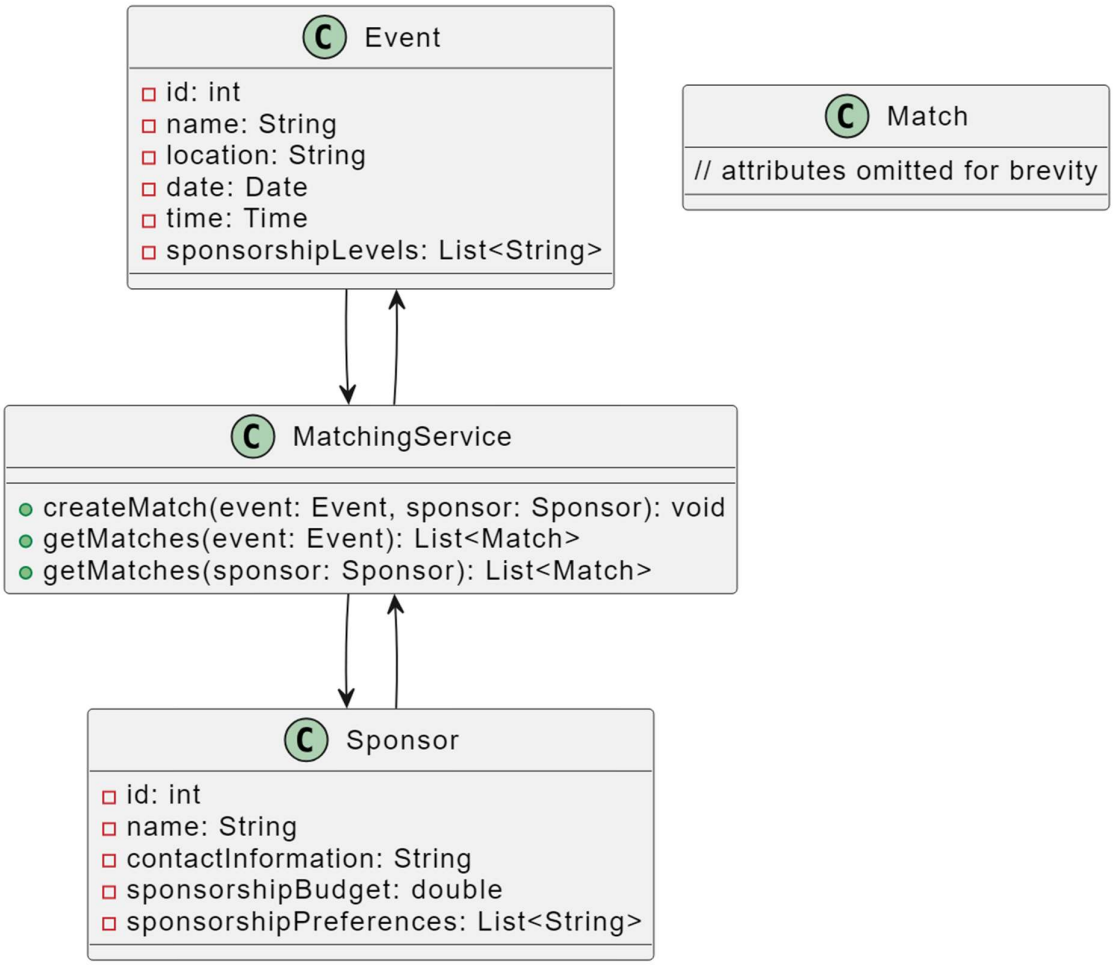
Technologies

- Frontend:
    - Web framework: Django, Flask, Ruby on Rails
    - CSS framework: Bootstrap, Foundation
    - JavaScript framework: React, Angular, Vue.js
- Backend:
    - Programming language: Python, Ruby, Java
    - Database: PostgreSQL, MySQL, MongoDB
    - Web server: Nginx, Apache
- Other technologies:
    - Email service: SendGrid, Mailgun
    - Cloud computing platform: AWS, Azure, GCP

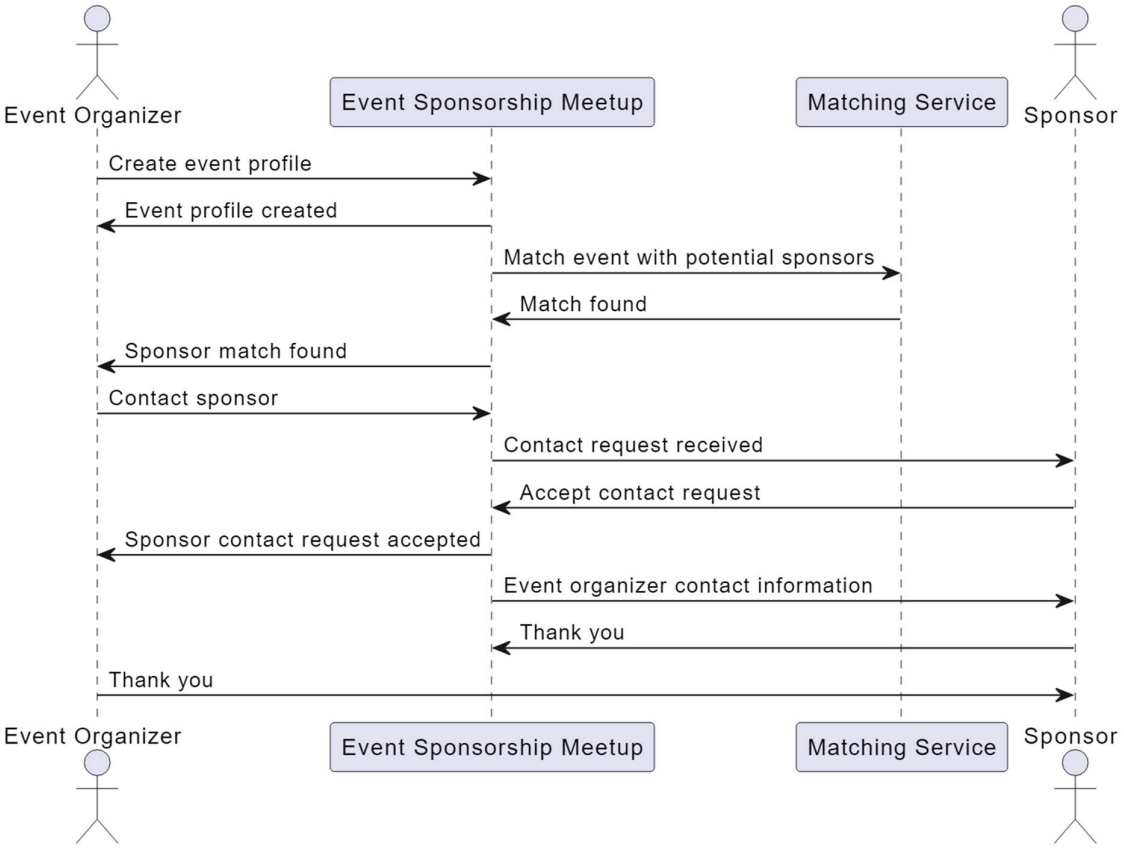
Use Case Diagram:



Class Diagram:



Sequence Diagram:



Future Scope:

- More granular sponsorship matching: The application could use more granular data to match sponsors with events, such as the sponsor's industry, target audience, and budget.
- AI-powered recommendations: The application could use AI to recommend events to sponsors and sponsors to event organizers. This would help to save both parties time and effort.
- Integrated payment processing: The application could integrate with a payment processor to allow sponsors to pay event organizers directly through the platform. This would make the sponsorship process even more seamless.
- Global reach: The application could be expanded to support events and sponsors from all over the world. This would create a truly global marketplace for event sponsorship.