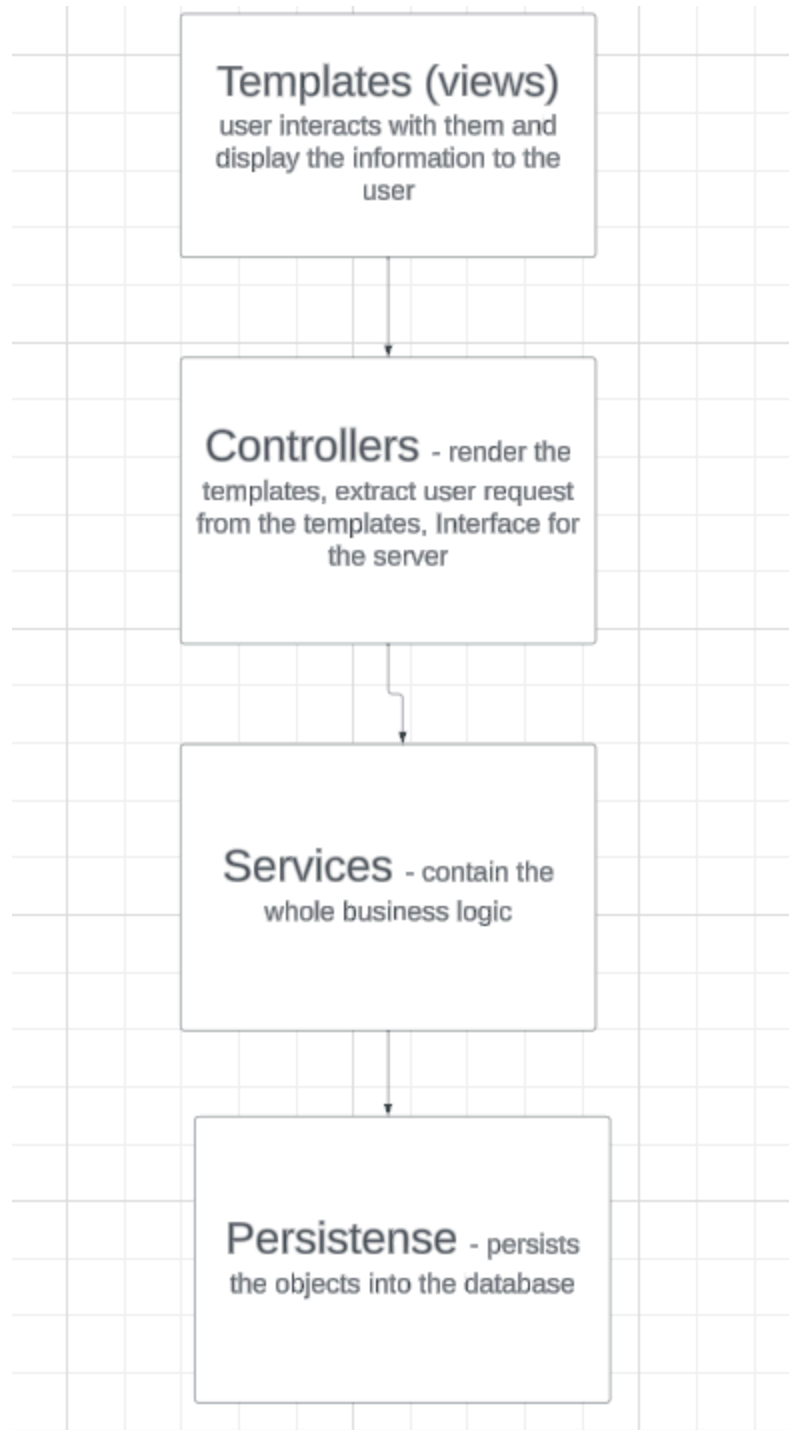
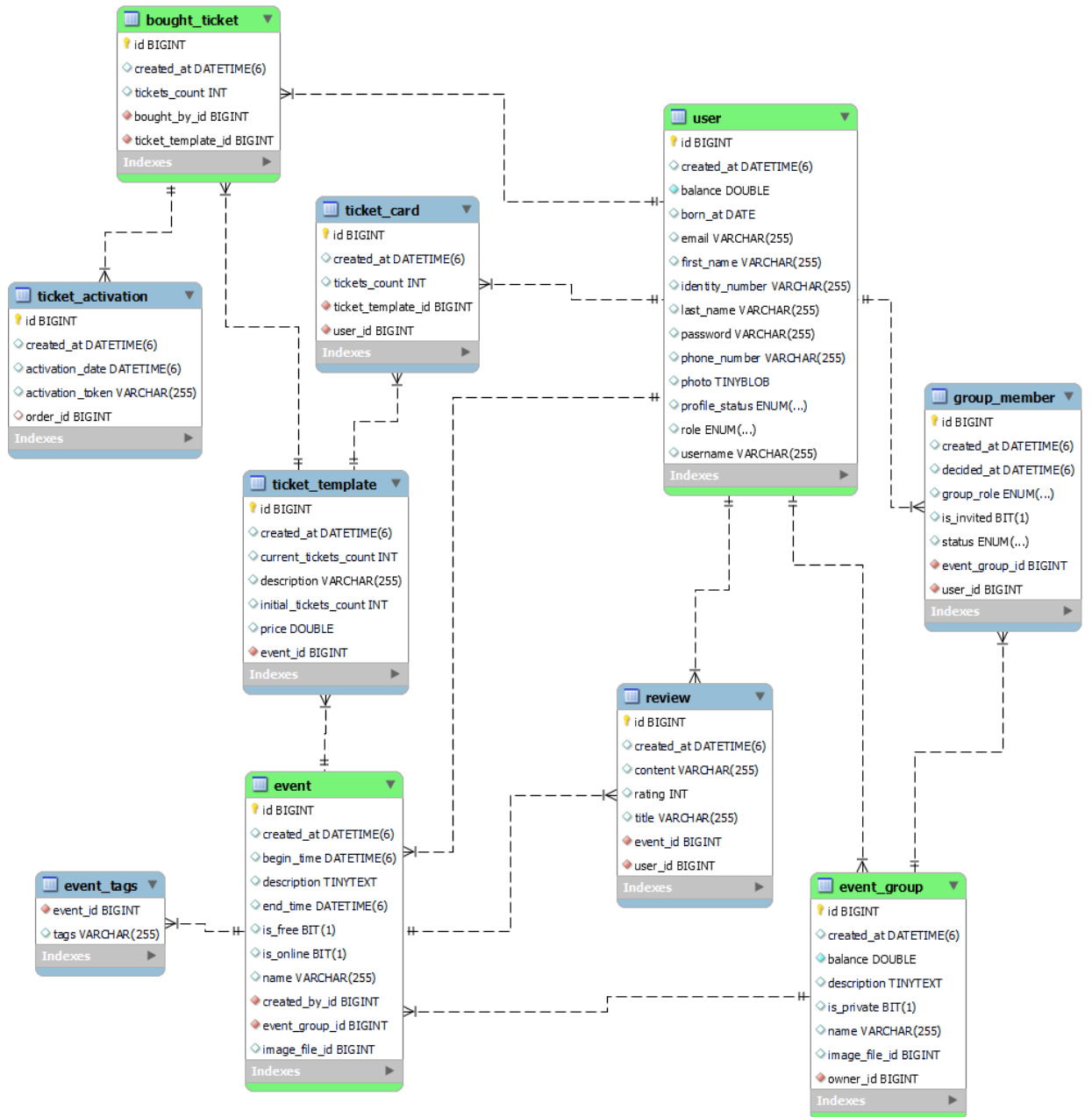


# Eventsbook Documentation

1. Functionality - based on the domain aggregates
  - 1.1. User
    - 1.1.1. Display user profile metadata
    - 1.1.2. Change User Profile Metadata - names, email, phone number information
    - 1.1.3. Login - email and password
    - 1.1.4. Register - names, email, identity number, date of birth, username, phone number
    - 1.1.5. Manage Funds - add and withdraw funds
  - 1.2. Group
    - 1.2.1. Manage memberships
      - 1.2.1.1. Send membership request
      - 1.2.1.2. Accept membership request
      - 1.2.1.3. Send invitation
      - 1.2.1.4. Accept invitation
    - 1.2.2. Manage Group
      - 1.2.2.1. Create a group
      - 1.2.2.2. Display groups for joining
      - 1.2.2.3. Display user groups
  - 1.3. Event
    - 1.3.1. Create event
    - 1.3.2. Create tickets for the event
    - 1.3.3. Create review to an event
    - 1.3.4. Display events for a group
  - 1.4. Card and Order
    - 1.4.1. Add ticket to card
    - 1.4.2. Remove ticket to a card
    - 1.4.3. Checkout a card, creating an order
    - 1.4.4. Display user card lines
  - 1.5. Order
    - 1.5.1. Make an order
    - 1.5.2. Display orders
    - 1.5.3. Activate a ticket
    - 1.5.4. Display user orders history
2. Architecture
  - 2.1. MVC - model-view-controller



- 2.2. Server Side Rendering - I've chosen server side rendering because I wanted to concentrate more on the backend part and didn't have the time using and learning a frontend framework
- 2.3. Inversion of Control - the whole Spring Framework is based on this concept. Very convenient for larger projects with many and changing dependencies.
- 3. Realization
- 4. Data Model



5. Technologies
  - 5.1. Hibernate - persistence
  - 5.2. Spring Boot 6 - IoC
  - 5.3. Thymeleaf - server side rendering
  - 5.4. Materialize Css - frontend development