

Дипломный проект

**Система регистрации
участников мероприятия**

**Руководитель: Осипов Н.А.
Выполнил: Мартиросян Д.С.**

Постановка задачи:

- 1)
 - Для хранения на сервере всей используемой информации необходимо разработать и создать базу данных.
 - Необходимо ввести систему регистрации пользователей.
 - Необходимо обеспечить свободный переход по страницам сайта посредством системы навигации и доступ к информации только зарегистрированным пользователям.
 - Необходимо предусмотреть возможность поиска нужной информации на сайте.
 - Администратор должен иметь возможность управлять работой приложения.

Программные средства:

- **Microsoft Server Management Studio**
- **Microsoft Visual Studio Community**
- **Microsoft Internet Information System (IIS) 4.0**
- **Microsoft ASP.NET MVC 5**
- **Browser (Chrome/ Internet Explorer)**

Диаграмма USE CASE

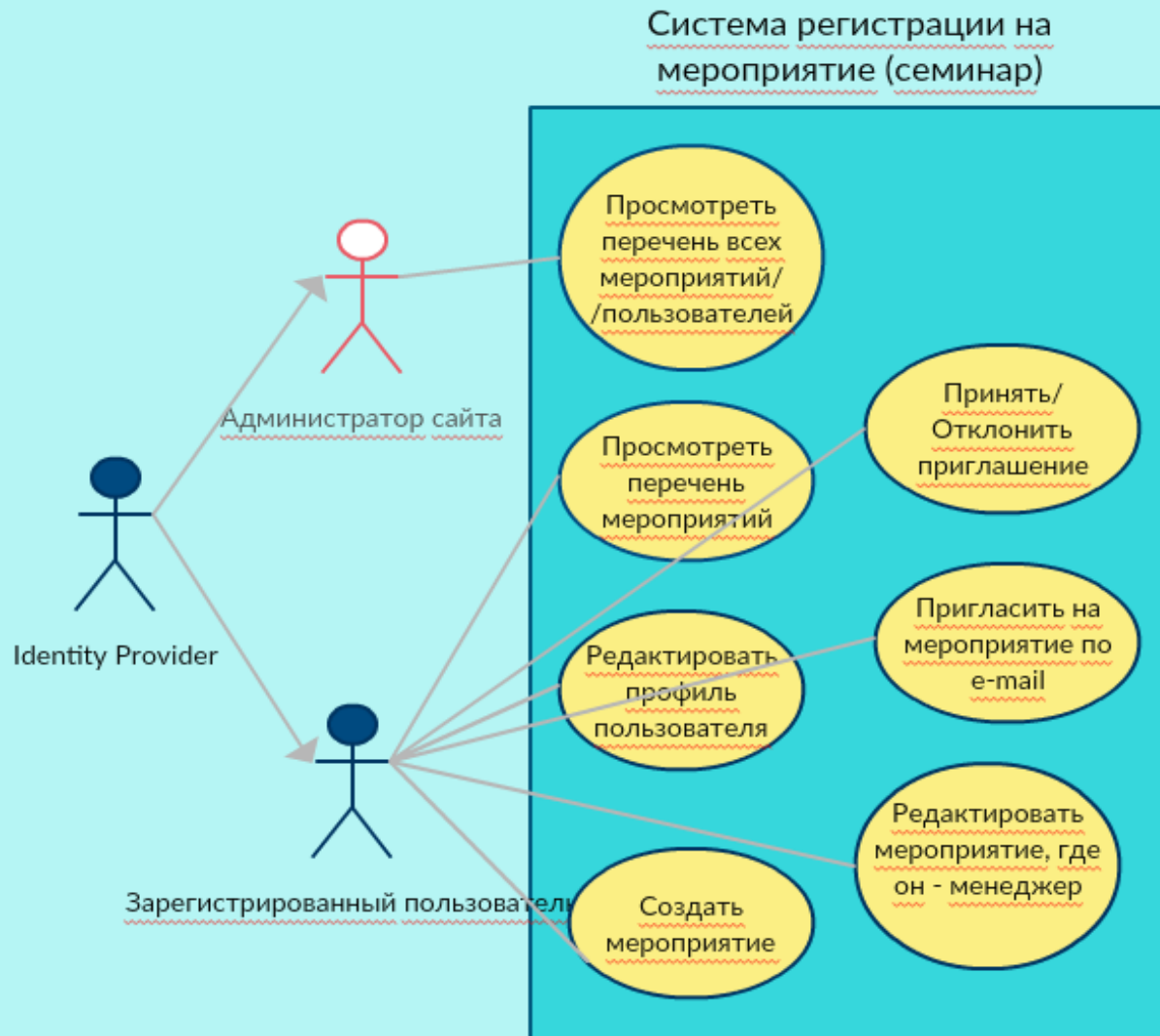


ДИАГРАММА ВЗАИМОДЕЙСТВИЙ

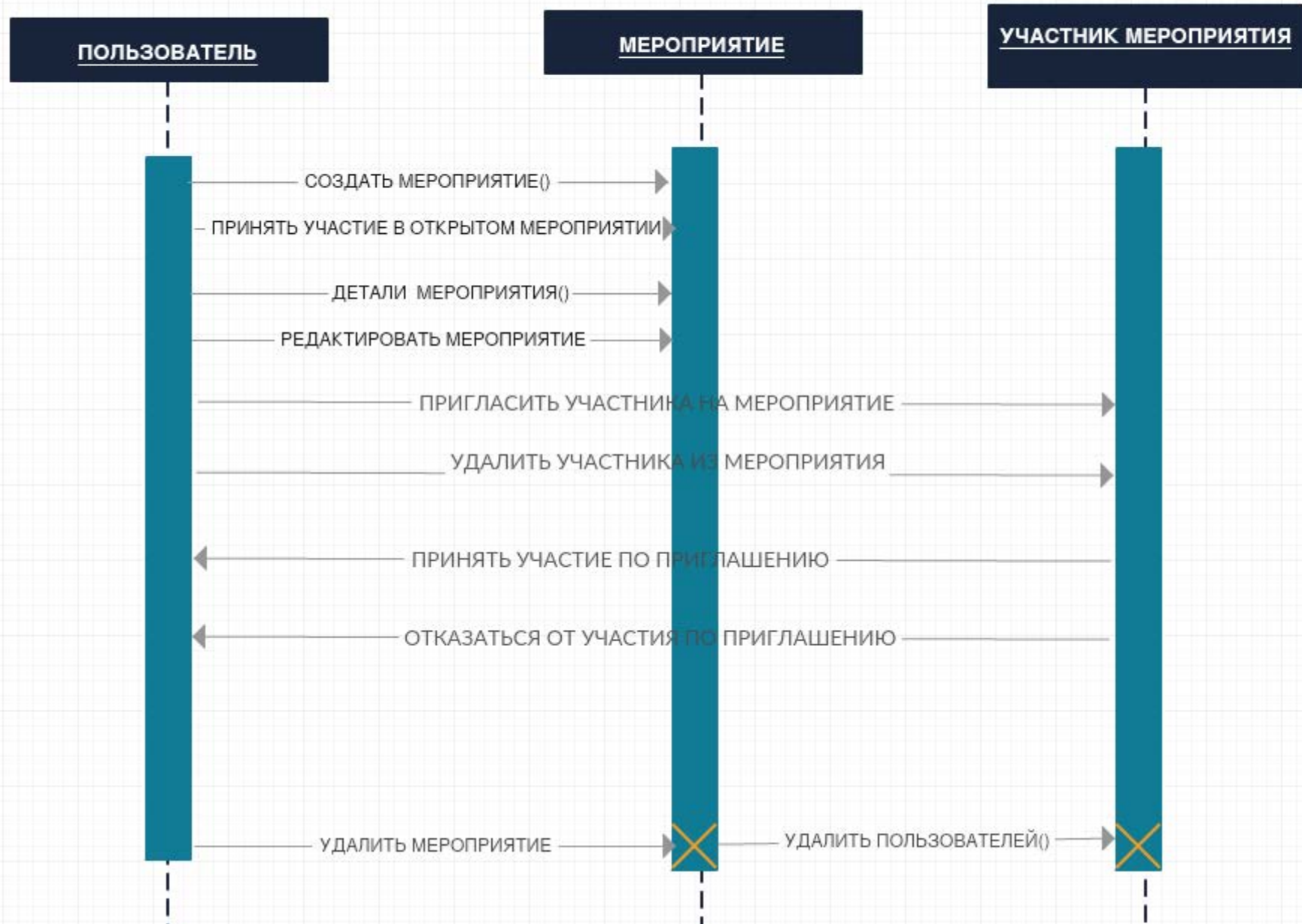


Диаграмма компонентов: ПОЛЬЗОВАТЕЛЬ / USER

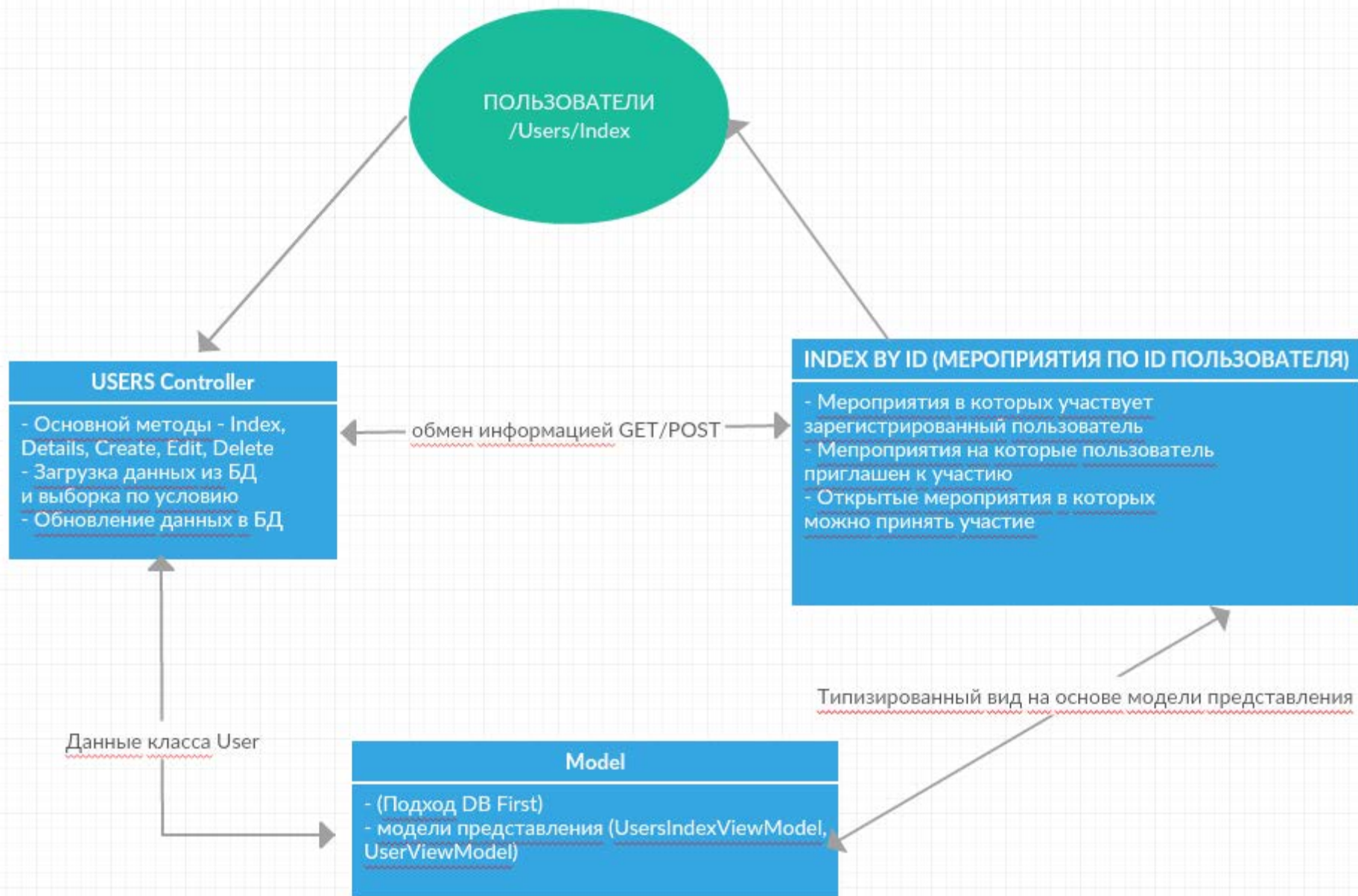


Диаграмма компонентов: МЕРОПРИЯТИЕ / EVENT

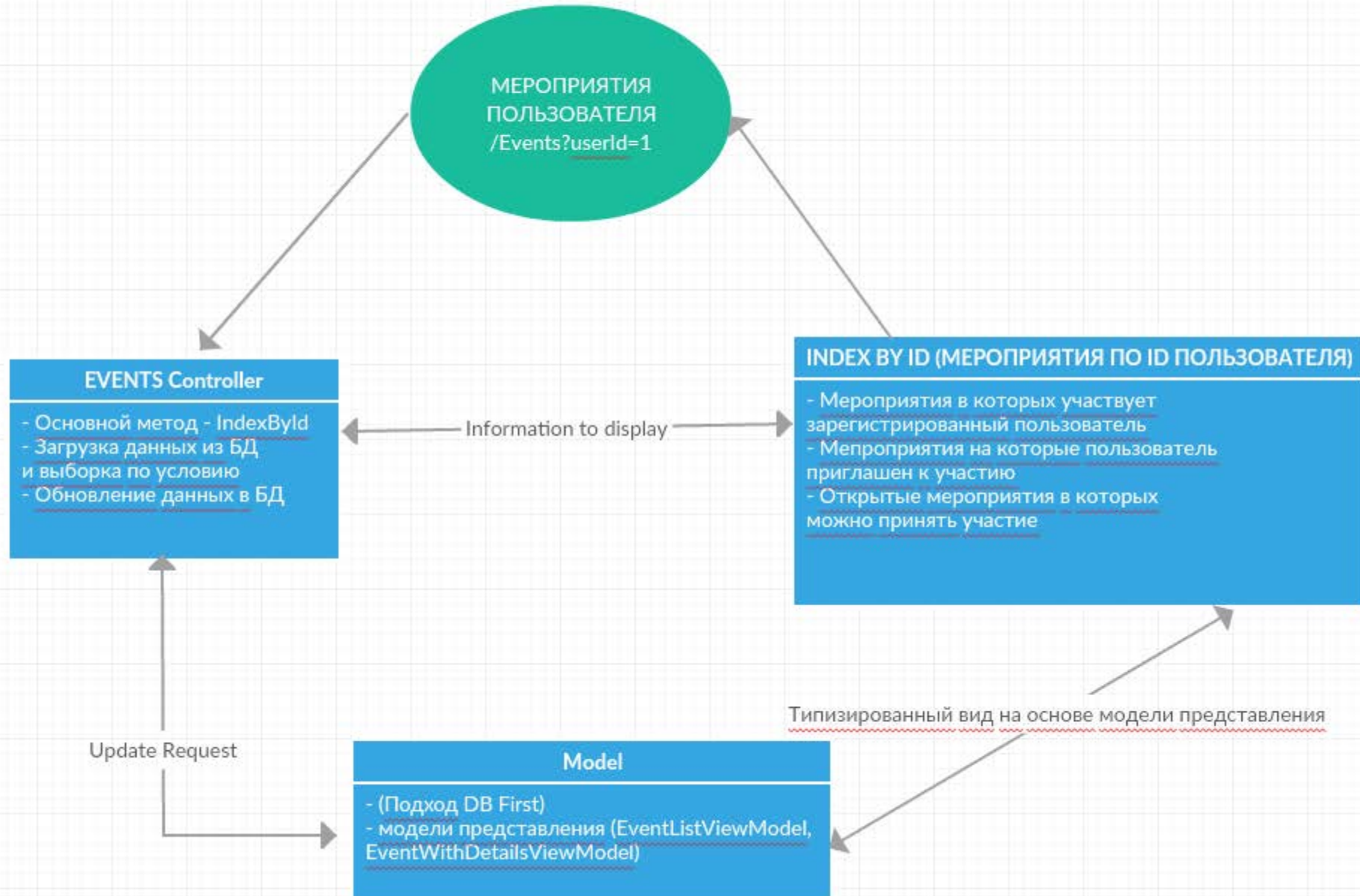


Схема базы данных (БД):

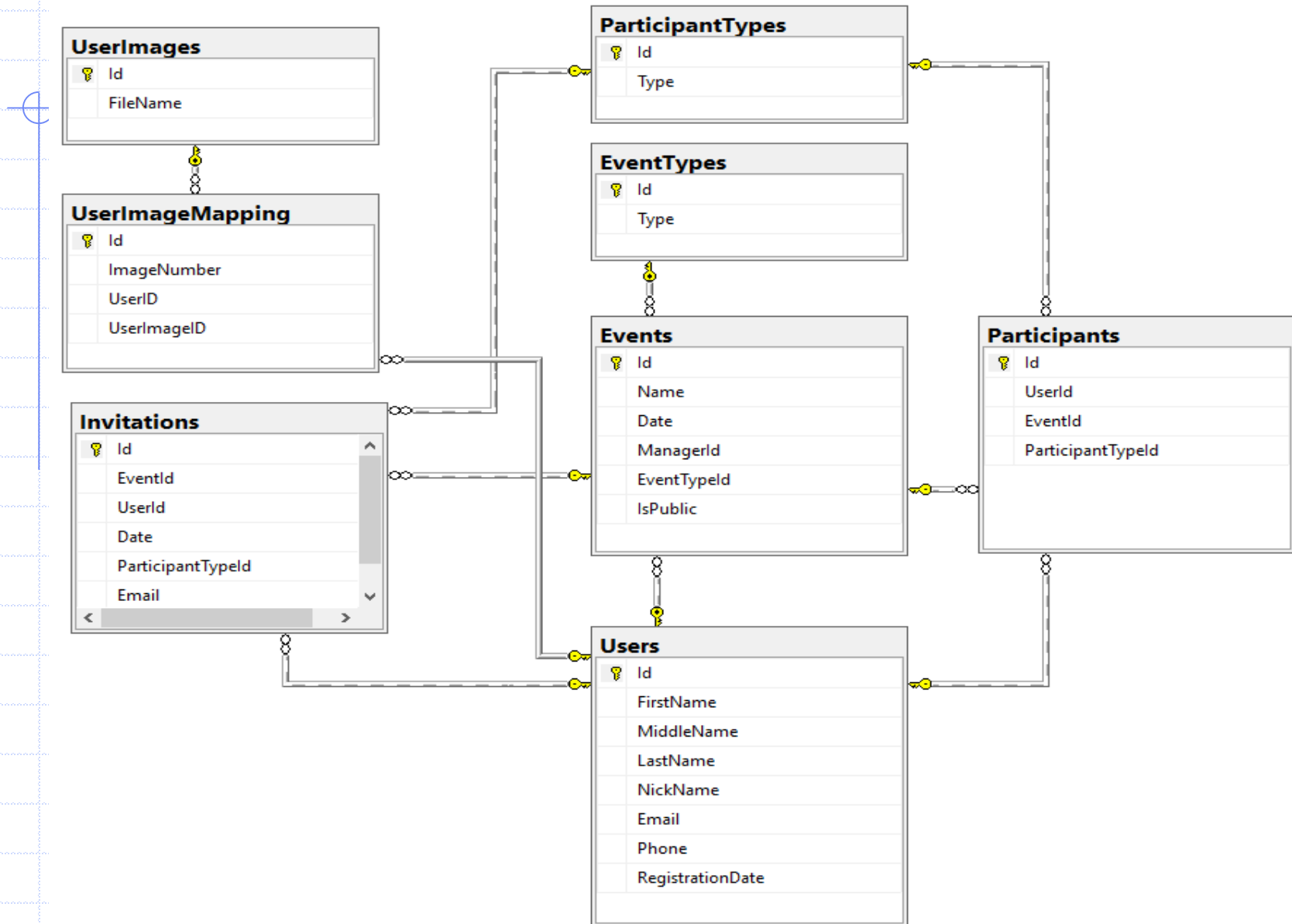


Диаграмма EDMX

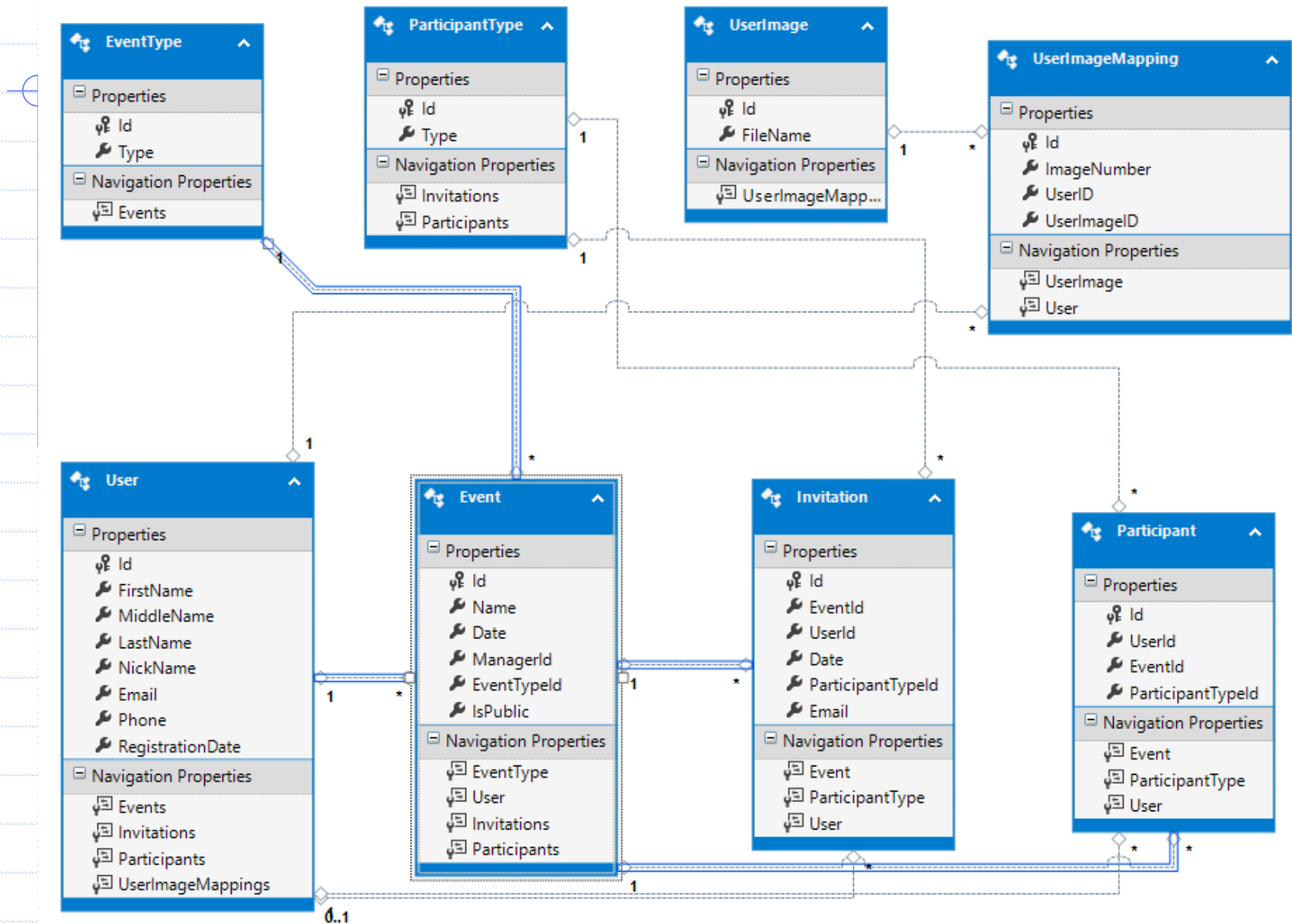


Диаграмма классов

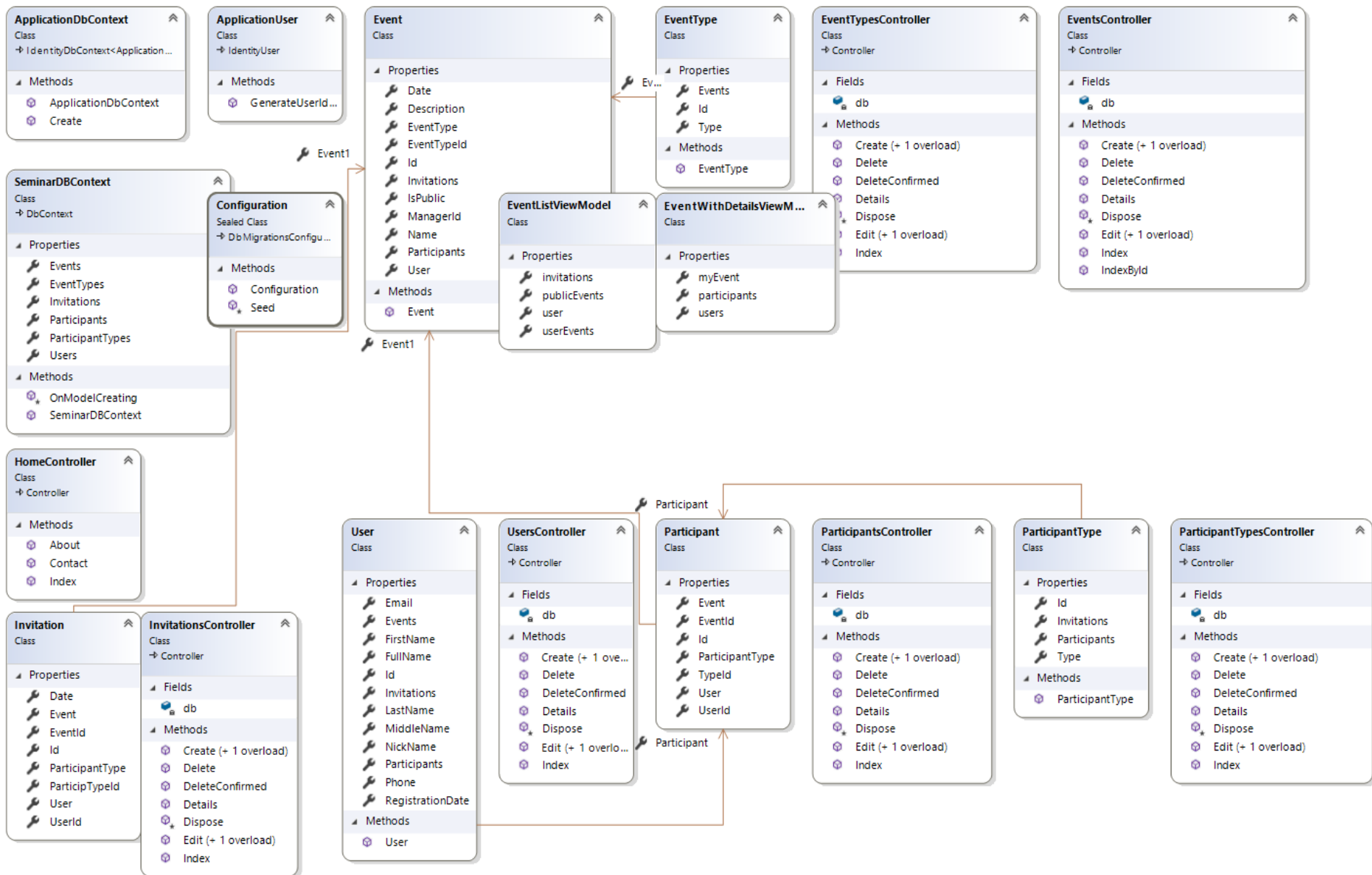


Диаграмма классов пользователя

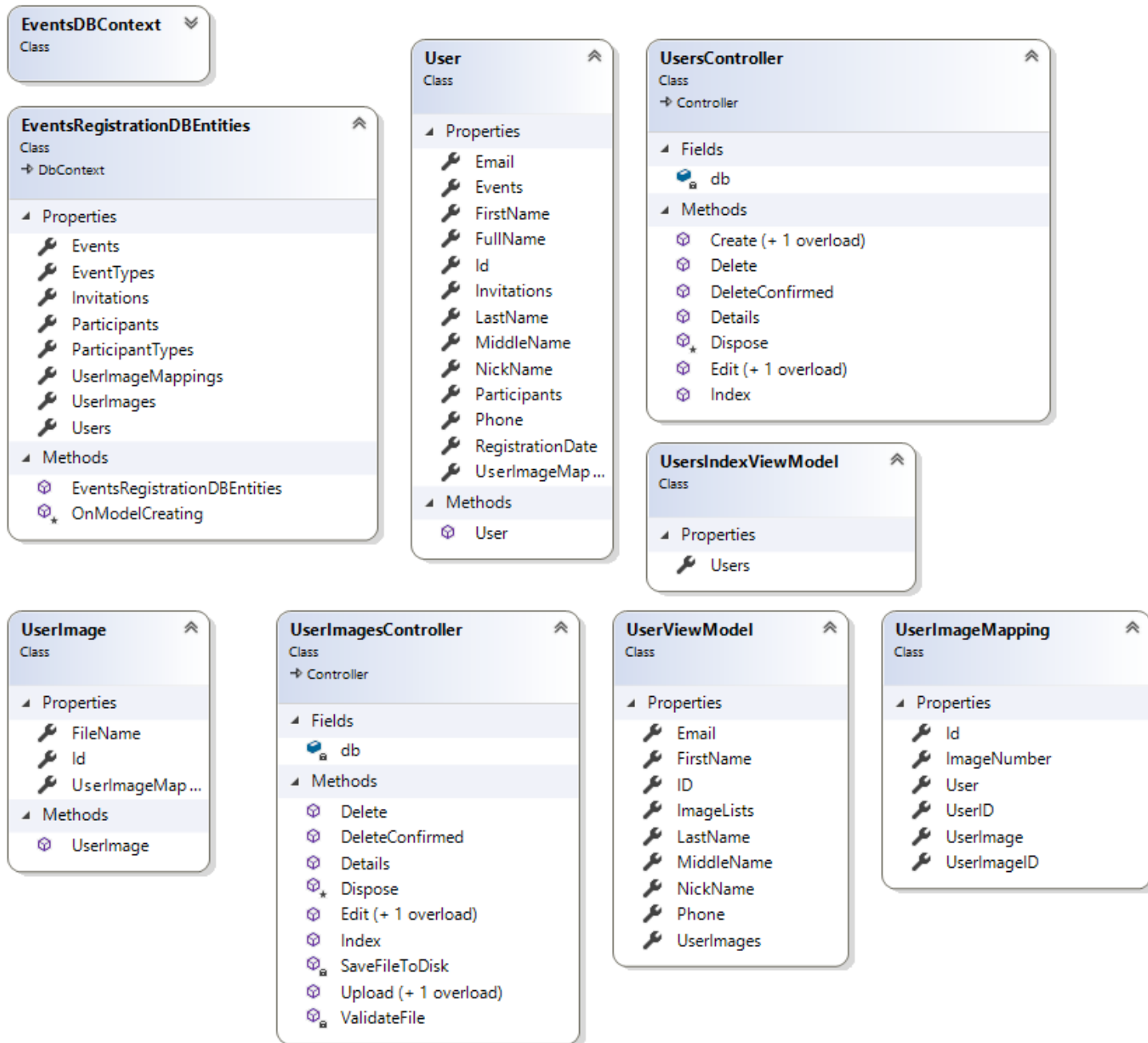
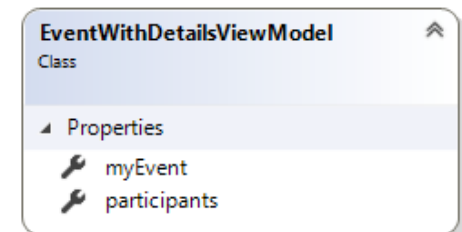
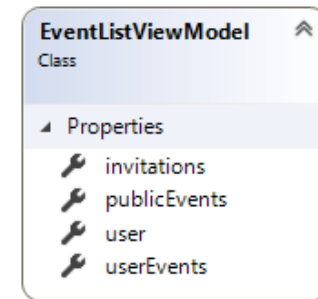
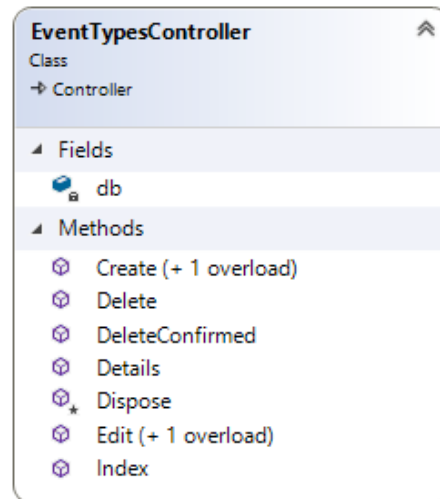
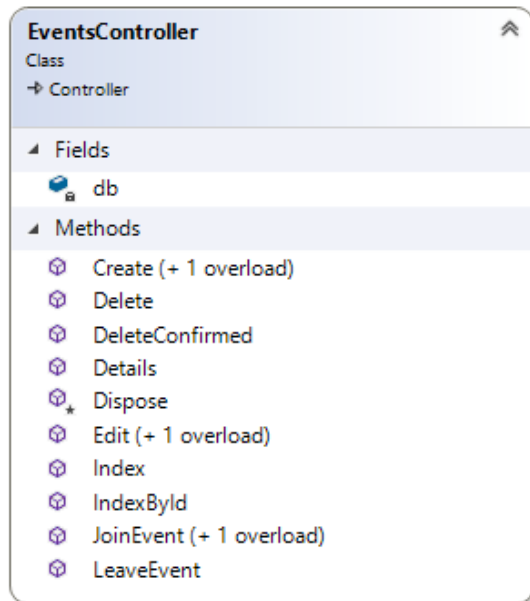
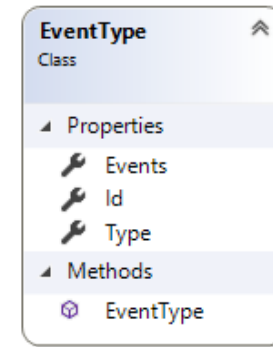
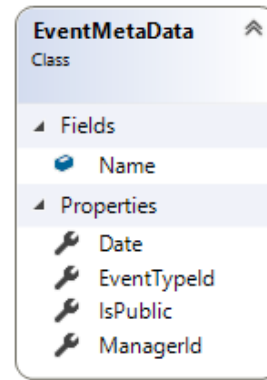
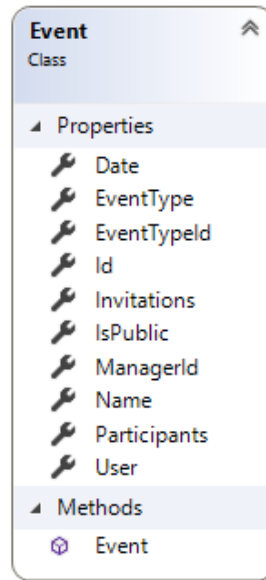
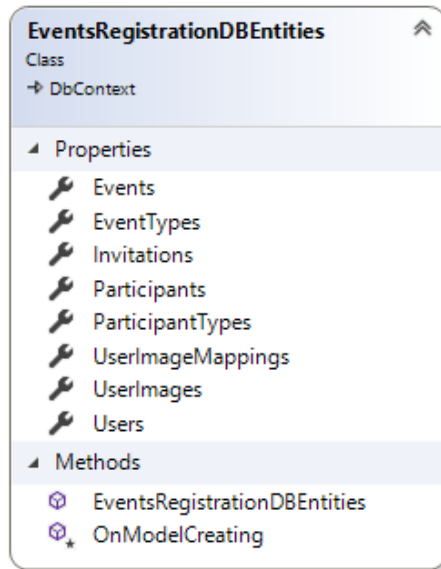


Диаграмма классов Мероприятия



Пример метода контроллера для отображения событий пользователя по ID

```
// GET: /Events/IndexById?userId=1 - Show Events for specified UserId
public ActionResult IndexById(int userId, string category="", string search="")
{
    EventListViewModel events = new EventListViewModel();
    events.user = db.Users.Where(u => u.Id == userId).FirstOrDefault();

    if (events.user==null)
    {
        return HttpNotFound();
    }

    // select only events for current user ID
    events.userEvents =
        from e in db.Events
        join p in db.Participants
        on e.Id equals p.EventId
        where p.UserId == userId
        select e;

    events.invitations = from e in db.Events
        join p in db.Invitations
        on e.Id equals p.EventId
        where p.UserId == userId
        select e;

    events.publicEvents = db.Events.Where(e => e.IsPublic == true).Except(events.userEvents).Except(events.invitations);

    if (!string.IsNullOrEmpty(search))...

    // POPULATE DROPDOWN LIST FOR EVENT TYPES
    var categoriesList = new List<EventType>();
    var categoriesUserEvents = events.userEvents.OrderBy(p => p.EventType.Type).Select(p => new EventType { Id=p.EventType.Id, Type=p.EventType.Type });
    var invitationsUserEvents = events.invitations.OrderBy(p => p.EventType.Type).Select(p => new EventType { Id = p.EventType.Id, Type = p.EventType.Type });
    var publicUserEvents = events.publicEvents.OrderBy(p => p.EventType.Type).Select(p => new EventType { Id = p.EventType.Id, Type = p.EventType.Type });

    foreach (var item in categoriesUserEvents.ToList())...
    foreach (var item in invitationsUserEvents.ToList())...
    foreach (var item in publicUserEvents.ToList())...

    ViewBag.Category = new SelectList(categoriesList.OrderBy(e=>e.Type).Distinct(new EventTypeComparer()), "Id", "Type");

    // REFINE IF CATEGORY NOT EMPTY
    if (!String.IsNullOrEmpty(category))...

    return View(events);
}
```

Работа с программой:

Log in - Event planner x

localhost:56083/Account/Login

Home About Contact Users Events Invitations

Log in.

Use a local account to log in.

Email

Password

☐ Remember me?

Log in

[Register as a new user](#)

©MartiD - 2018 - Система регистрации участников семинара

Register - Event planner x

localhost:56083/Account/Register

Home About Contact Users Events Invitations Participants

Register.

Create a new account.

- The Email field is not a valid e-mail address.
- The Password must be at least 6 characters long.
- The password and confirmation password do not match.

Email

33

Password

...

Confirm password

....|

Register

©MartiD - 2018 - Система регистрации участников семинара

Детали профиля пользователя





User Details - Event planr X

localhost:56083/Users/Details/1

Home About Contact Users Events Invitations Participants Participant Types

User Details

FirstName	Homer
MiddleName	
LastName	Simpson
NickName	
Email	homer@simpson.com
Phone	
RegistrationDate	7/21/2018 12:00:00 AM



[Edit](#) | [Back to List](#)

Мероприятия пользователя

List of Events for - Homer X

Dmitrii

localhost:56083/Events/IndexById?userId=1

Home

About

Contact

Users

Events

Invitations

Participants

Participant Types

Event types

Register

Log

List of Events for - Homer Simpson

[Create New Event](#)

Your Events:

EventType	ManagerId	Name	Date	IsPublic	
Meeting	Homer Simpson	Food & Drink	7/30/2018 12:00:00 AM	<input checked="" type="checkbox"/>	Edit Details Delete

You are invited to:

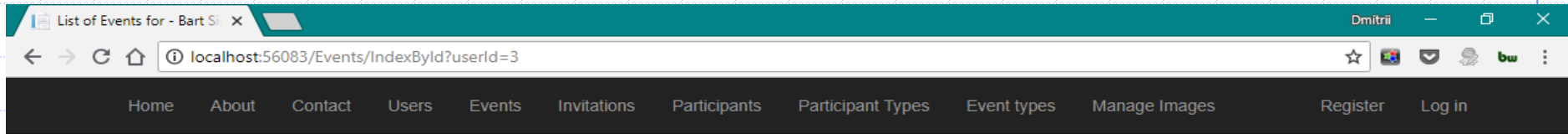
EventType	ManagerId	Name	Date	IsPublic	
Meeting	Marge Simpson	Family meeting	7/30/2018 12:00:00 AM	<input type="checkbox"/>	Accept Decline

Public Events

EventType	ManagerId	Name	Date	IsPublic	
Music event	Liza Simpson	Saxophone plays	8/7/2018 12:00:00 AM	<input checked="" type="checkbox"/>	Edit Details Delete

©MartiD - 2018 - Система регистрации участников семинара

События пользователя (без фильтра и поиска)



List of Events for - Bart Simpson

Filter by category:

Your Events:

[Create New Event](#)

EventType	ManagerId	Event Name	Date	IsPublic	
Meeting	Bart Simpson	How to skip school safe	8/8/2018 12:00:00 AM	<input type="checkbox"/>	Edit Delete Details
Meeting	Marge Simpson	Family meeting	7/11/2018 12:00:00 AM	<input type="checkbox"/>	Leave Event Details
Sport event	Bart Simpson	Run and Catch	7/30/2018 12:00:00 AM	<input checked="" type="checkbox"/>	Edit Delete Details

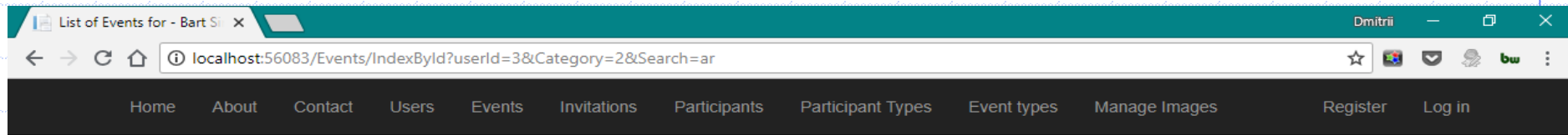
You are invited to:

EventType	ManagerId	Event Name	Date	IsPublic	
Music event	Liza Simpson	Saxophone plays	8/7/2018 12:00:00 AM	<input checked="" type="checkbox"/>	Details Accept Decline

Public Events

EventType	ManagerId	Event Name	Date	IsPublic	
Meeting	Homer Simpson	Food & Drink	7/30/2018 12:00:00 AM	<input checked="" type="checkbox"/>	Details Join event

События пользователя с поиском и фильтрацией



List of Events for - Bart Simpson

Filter by category:

Your Events:

[Create New Event](#)

EventType	ManagerId	Event Name	Date	IsPublic	
Meeting	Bart Simpson	How to skip school safe	8/8/2018 12:00:00 AM	<input type="checkbox"/>	Edit Delete Details
Meeting	Marge Simpson	Family meeting	7/11/2018 12:00:00 AM	<input type="checkbox"/>	Leave Event Details

You are invited to:

EventType	ManagerId	Event Name	Date	IsPublic
-----------	-----------	------------	------	----------

Public Events

EventType	ManagerId	Event Name	Date	IsPublic
-----------	-----------	------------	------	----------

Детали мероприятия

- Event planner

Dmitrii

← → ↻ 🏠

localhost:56083/Events/Edit?eventId=2&userId=2

☆ 🌈 📧 👤 bw ⋮

Home

About

Contact

Users

Events

Invitations

Participants

Participant Types

Event types

Manage Images

Register

Log in

Event

Event Name

Family meeting

Date

7/11/2018 12:00:00 AM

Manager

Marge Simpson

Event Type

Meeting ▾

IsPublic

☐

Save

PARTICIPANTS [Invite new participant](#)

FullName	ParticipantType	Actions
Marge Simpson	Manager	Delete
Homer Simpson	Speaker	Delete
Bart Simpson	Visitor	Delete

INVITATIONS

FullName	ParticipantType	Email	Actions
Liza Simpson	Visitor	Cancel invitation	liza@simpson.com
Maggie Simpson	Visitor	Cancel invitation	maggie@simpson.com

[Back to List](#)

Приглашение на мероприятие

Create Invitation - Event X

localhost:56083/Invitations/Create?userId=1&eventId=1

Home About Contact Users Events Invitations Participants Par

Create Invitation

Invitation

EventId

1

User Email

ned@flanders.com

Date

07.30.18

ParticipantTypeId










Visitor

Create

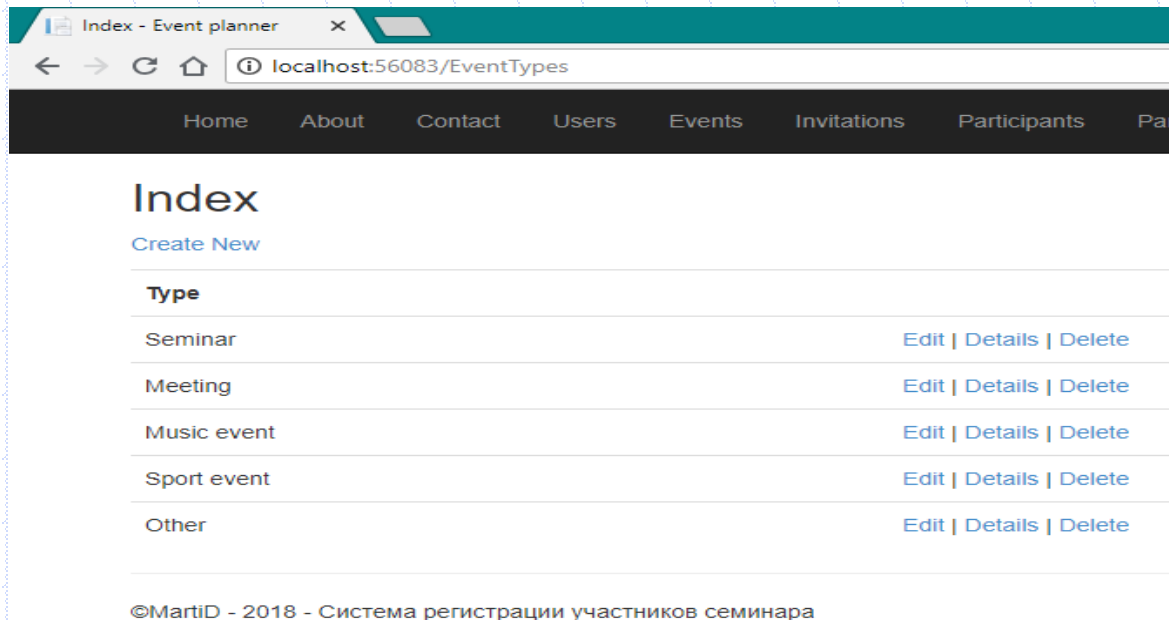
[Back to List](#)

©MartiD - 2018 - Система регистрации участников семинара

Перечень всех пользователей сайта (для администратора)

Users - Event planner								
Dmitrii								
localhost:56083/Users								
Home About Contact Users Events Invitations Participants Participant Types Event types Manage Images Register Log in								
Users								
Create New								
FirstName	MiddleName	LastName	NickName	Email	Phone	RegistrationDate	Actions	User Image
Homer		Simpson		homer@simpson.com		7/21/2018 12:00:00 AM	Edit Details Delete	
Marge		Simpson		marge@simpson.com		6/18/2018 12:00:00 AM	Edit Details Delete	
Bart		Simpson		bart@simpson.com		6/18/2018 12:00:00 AM	Edit Details Delete	
Liza		Simpson		liza@simpson.com		6/18/2018 12:00:00 AM	Edit Details Delete	
Maggie		Simpson		maggie@simpson.com		6/18/2018 12:00:00 AM	Edit Details Delete	
Ned		Flanders		ned@flanders.com		6/18/2018 12:00:00 AM	Edit Details Delete	
Kent		Brockman		kent@brockman.com		6/18/2018 12:00:00 AM	Edit Details Delete	
Charles	Montgomery	Burns		charles@burns.com		6/18/2018 12:00:00 AM	Edit Details Delete	
Waylon		Smithers		waylon@smithers.com		7/29/2018 7:27:37 PM	Edit Details Delete	

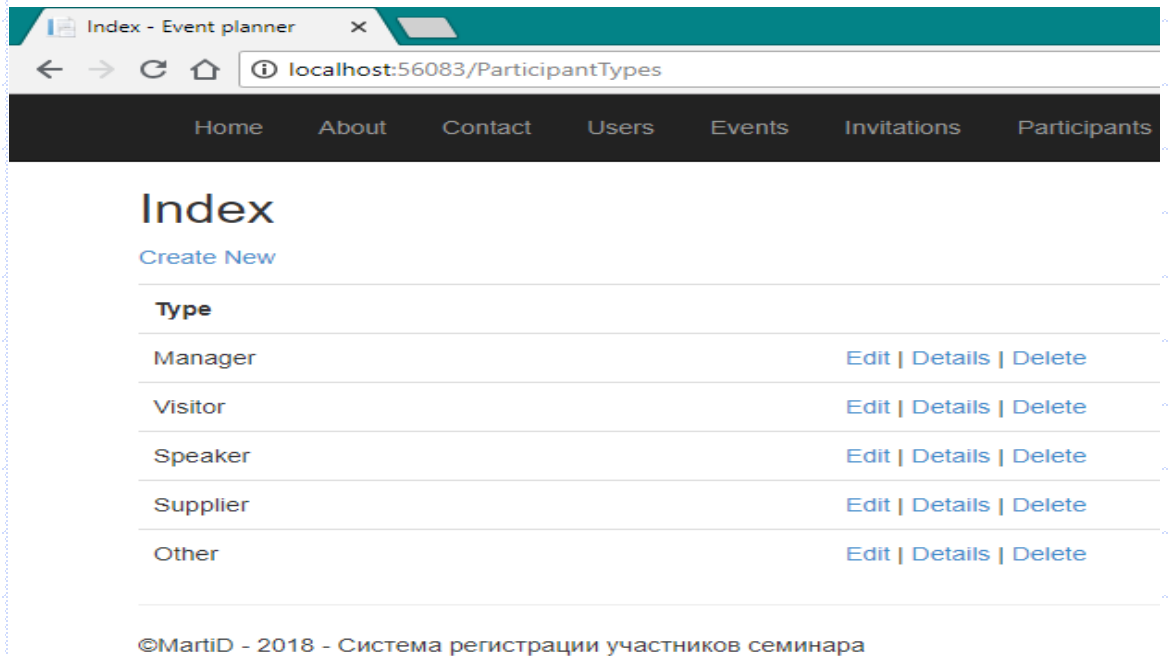
Типы событий и типы участников мероприятий



The screenshot shows a web browser window with the address bar displaying 'localhost:56083/EventTypes'. The page has a dark navigation bar with links: Home, About, Contact, Users, Events, Invitations, Participants, and Par. The main content area is titled 'Index' and includes a 'Create New' link. Below this is a table listing event types with their respective edit, details, and delete actions.

Type	
Seminar	Edit Details Delete
Meeting	Edit Details Delete
Music event	Edit Details Delete
Sport event	Edit Details Delete
Other	Edit Details Delete

©MartiD - 2018 - Система регистрации участников семинара




The screenshot shows a web browser window with the address bar displaying 'localhost:56083/ParticipantTypes'. The page has a dark navigation bar with links: Home, About, Contact, Users, Events, Invitations, and Participants. The main content area is titled 'Index' and includes a 'Create New' link. Below this is a table listing participant types with their respective edit, details, and delete actions.

Type	
Manager	Edit Details Delete
Visitor	Edit Details Delete
Speaker	Edit Details Delete
Supplier	Edit Details Delete
Other	Edit Details Delete

©MartiD - 2018 - Система регистрации участников семинара

Заключение

- Остались незавершенными – нет локализации, механизма приглашения на мероприятие из «друзей» пользователя на сайте, не используется геолокация, оформление требует доработки.
- После доработки программа будет использоваться как проект в портфолио.



***Благодарю за
внимание!
Вопросы?***