

Opdracht 1: Projectanalyse

Groep 3-12: Cedric Laclé, Ihno Van de Sande

Studenten Toegepaste informatica | Hogeschool UCLL
Campus Proximus, Geldenaaksebaan 335, 3001 Heverlee

Table of Contents

Project description 3

User stories..... 4

Domain model..... 13

Conceptual Database Model..... 14

Logical Database Model..... 15

Appendix 1: Holistic view of the 'Game Club' app 16

Project description

Title: Game Club App

Description:

This app allows 'Organizers' to create game events, cancel game events, and confirm member sign-ups to game events for the club they manage.

'Members' can browse all available game clubs, join one or more game club(s), and sign up for game events belonging to game club(s) they have joined.

The app also features user authentication, so only registered users can view pages such as 'Game Clubs' and 'Game Events'. Depending on the role assigned to a user they will be able to perform previously mentioned actions. For a holistic view of the 'Game Club app' see "Appendix 1".

User stories

STORY – User Authentication

As a user,
I'm able to log in,
so that I can access the app's features.

WIREFRAME



A wireframe of a login form. It consists of a rectangular container with a thin black border. Inside, there are two input fields. The first is labeled 'Username:' and contains the text 'cedric.lacle'. The second is labeled 'Password:' and contains eight asterisks '*****'. Below these fields, centered, is a blue button with rounded corners and the word 'Login' in white text.

ACCEPTANCE CRITERIA

- Given a valid user when trying to log in with the right credentials then the user is correctly authenticated
- Given a valid user when trying to log in with the wrong credentials then the user is not authenticated
- Given an invalid user when trying to log in then the user is not authenticated

STORY – Game Club Discovery

As a member,
I'm able to browse game clubs,
so that I can discover all communities that are available to join.

WIREFRAME

Name	Description	Type	
Checkmate Connoisseurs	Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.	Chess	Join
Hawaii Try-O	Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.	Rugby	Join
Queens of the Board	Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.	Chess	Join
The Axebreakers	Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.	DnD	Join

ACCEPTANCE CRITERIA

- Given an authenticated user when viewing 'Game Clubs' then the user is shown a list of game clubs and their details such as club name, description, and type
- Given an unauthenticated user when viewing 'Game Clubs' then the user is shown a message to log in

STORY – Game Club Joining

As a member,
I'm able to join game clubs,
so that I can participate in game clubs that interest me.

WIREFRAME

Name	Description	Type	
Checkmate Connoisseurs	Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.	Chess	Join
Hawaii Try-O	Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.	Rugby	Join
Queens of the Board	Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.	Chess	Join
The Axebreakers	Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.	DnD	Join

ACCEPTANCE CRITERIA

- Given an authenticated user when viewing 'Game Clubs' then the user can join a game club
- Given an authenticated user when joining a game club then the user is added to the club's member list
- Given an unauthenticated user when viewing 'Game Clubs' then the user is shown a message to log in

STORY – Event Creation

As an organiser,
I'm able to create game events for game clubs I manage,
so that I can schedule new game events for my club members.

WIREFRAME

Name	Description	Type	
Checkmate Connoisseurs	Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.	Chess	Create event
Hawaii Try-O	Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.	Rugby	Create event

Title:

Fit For A King

Description:

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.

Date:

16/11/2024

Time:

18u - 22u

Location:

Brusselsestraat 61, 3000 Leuven

Create

ACCEPTANCE CRITERIA

- Given an authenticated organiser when viewing their club's then they can see a 'Create event' option for each event
- Given an authenticated organiser when creating an event then they can input title, date, time, location, description and event capacity
- Given an authenticated organiser when submitting a new event then the event is added to the club's event list
- Given an authenticated organiser when creating an event with missing required fields then an error message is displayed
- Given an authenticated user who is not an organiser when viewing 'Game Clubs' then they can't see a 'Create event' option

STORY – Event Cancellation

As an organiser,
I'm able to cancel game events for game clubs I manage,
so that I can remove a game event when it has been cancelled.

WIREFRAME

Title	Description	Date	Time	Location	
Fit For A King	Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.	16/11/2024	18u - 22u	Brusselsestraat 61, 3000 Leuven	<div>Cancel</div>
2024 National Rugby Club	Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.	22/11/2024	20u - 22u	Kardinaal Mercierlaan 46 3001 Heverlee	<div>Cancel</div>

ACCEPTANCE CRITERIA

- Given an authenticated organiser when viewing their club's events then they can see a 'Cancel' option for each event
- Given an authenticated organiser when cancelling an event then the event is removed from the active events list
- Given an authenticated user who is not an organiser when viewing 'Game Events' then they can't see a 'Cancel' option

STORY – Event Discovery

As a member,
I'm able to view club events from the clubs I have joined,
so that I can discover all available game events from my game clubs.

WIREFRAME

Title	Description	Date	Time	Location	
Fit For A King	Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.	16/11/2024	18u - 22u	Brusselsestraat 61, 3000 Leuven	Sign up
2024 National Rugby Club	Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.	22/11/2024	20u - 22u	Kardinaal Mercierlaan 46 3001 Heverlee	

ACCEPTANCE CRITERIA

- Given an authenticated member when viewing their joined clubs then they can see a list of upcoming events for each club
- Given an authenticated member when viewing club events then they can see event details including title, date, time, and location
- Given an unauthenticated user when attempting to view club events then they are prompted to log in

STORY – Event Participation

As a member,
I'm able to sign up for club events,
so that I can participate in game events with other members.

WIREFRAME

Title	Description	Date	Time	Location	
Fit For A King	Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.	16/11/2024	18u - 22u	Brusselsestraat 61, 3000 Leuven	Sign up
2024 National Rugby Club	Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.	22/11/2024	20u - 22u	Kardinaal Mercierlaan 46 3001 Heverlee	

ACCEPTANCE CRITERIA

- Given an authenticated member when viewing an event they haven't signed up for then they can see a 'Sign up' button
- Given an authenticated member when clicking the 'Sign up' button then they are added to the event's participant list

STORY – Event Participant Confirmation

As an organiser,
I'm able to confirm member sign up for club events,
so that I can manage event attendance and ensure proper planning.

WIREFRAME

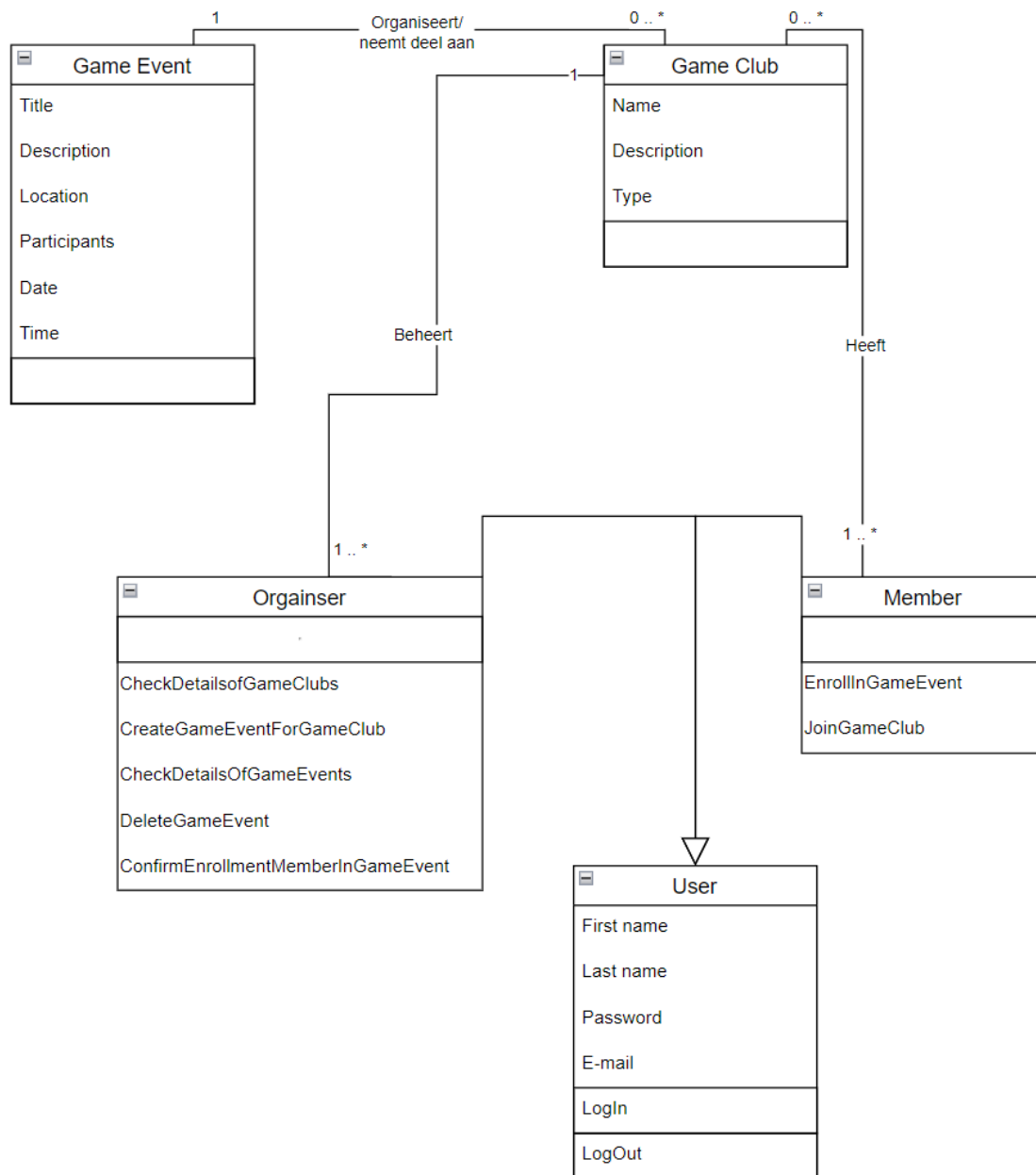
First Name	Last Name	
Cedric	Lacé	<button>Confirm</button>
Ihno	Van de Sande	<button>Confirm</button>

ACCEPTANCE CRITERIA

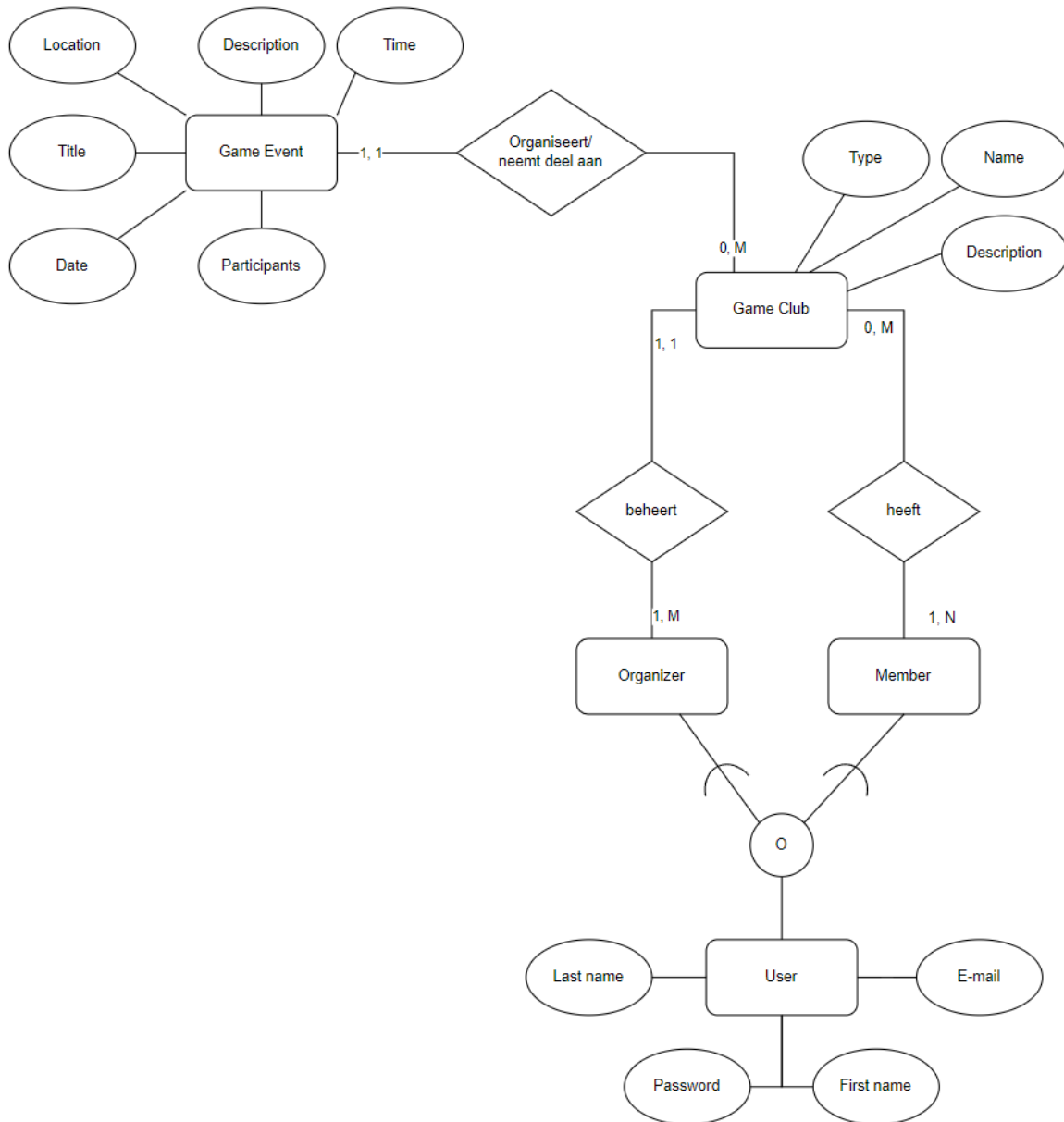
- Given an authenticated organiser when viewing the participant list for an event then they can see a 'Confirm' option next to each signed-up member
- Given an authenticated organiser when viewing the participant list then they can see that confirmed participants don't have a 'Confirm' option

STORY – User Session Termination
As a user I'm able to logout so that I can securely end my session and protect my account information.
WIREFRAME
ACCEPTANCE CRITERIA
<ul style="list-style-type: none">• Given an authenticated user when selecting the 'Logout' option then their session is terminated, and they are redirected to the login page• Given a user has logged out when attempting to access protected features then they are prompted to log in again• Given a user has logged out when using the browser's back button then they cannot access previously viewed protected content

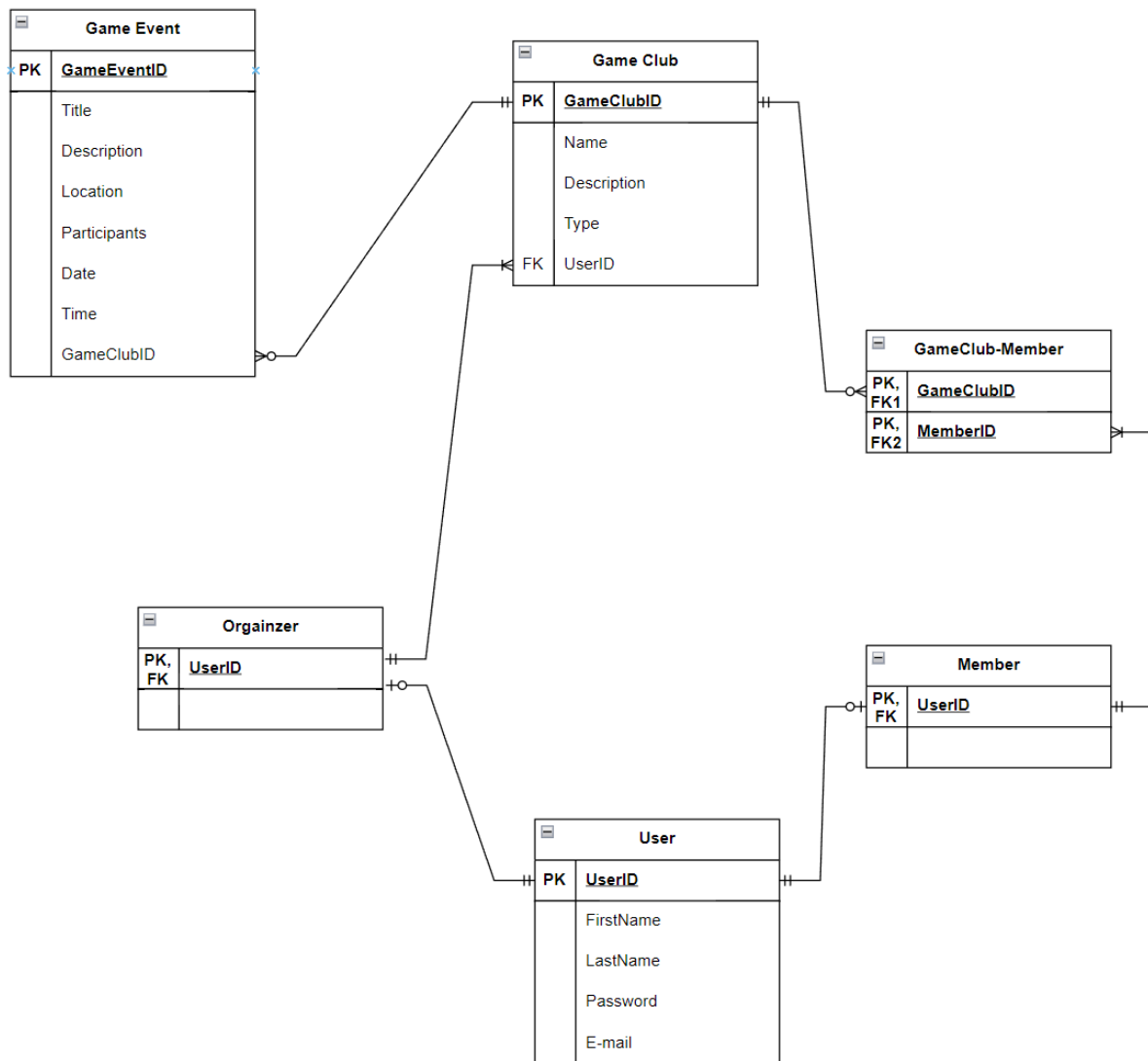
Domain model



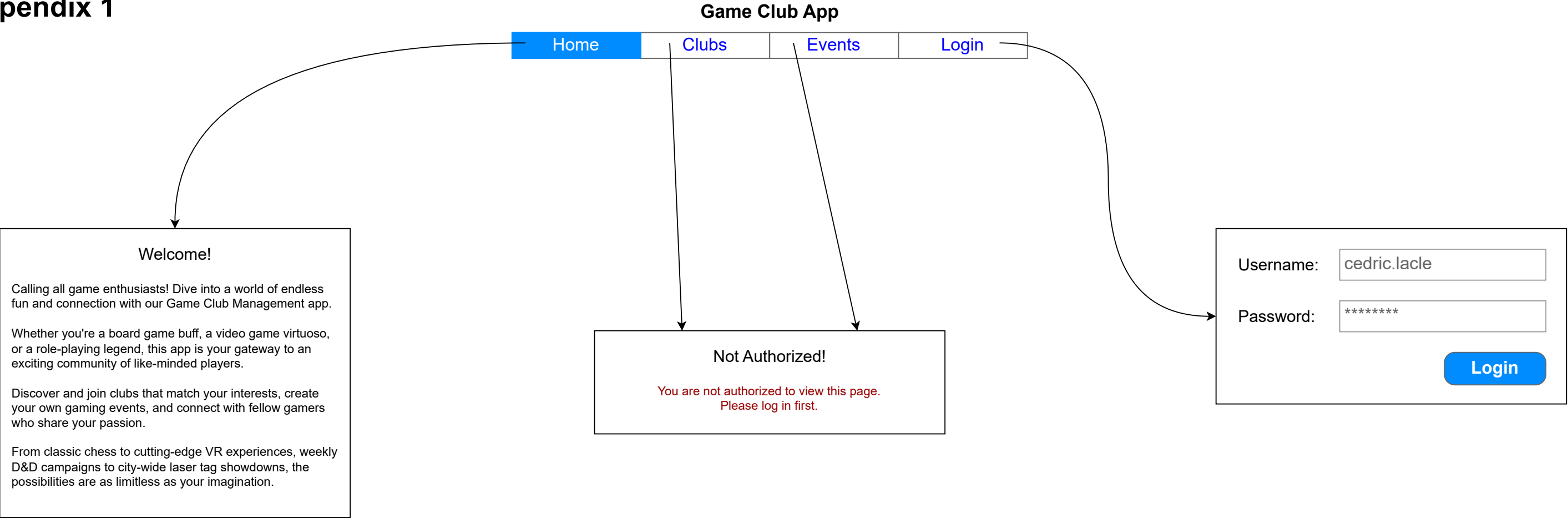
Conceptual Database Model



Logical Database Model

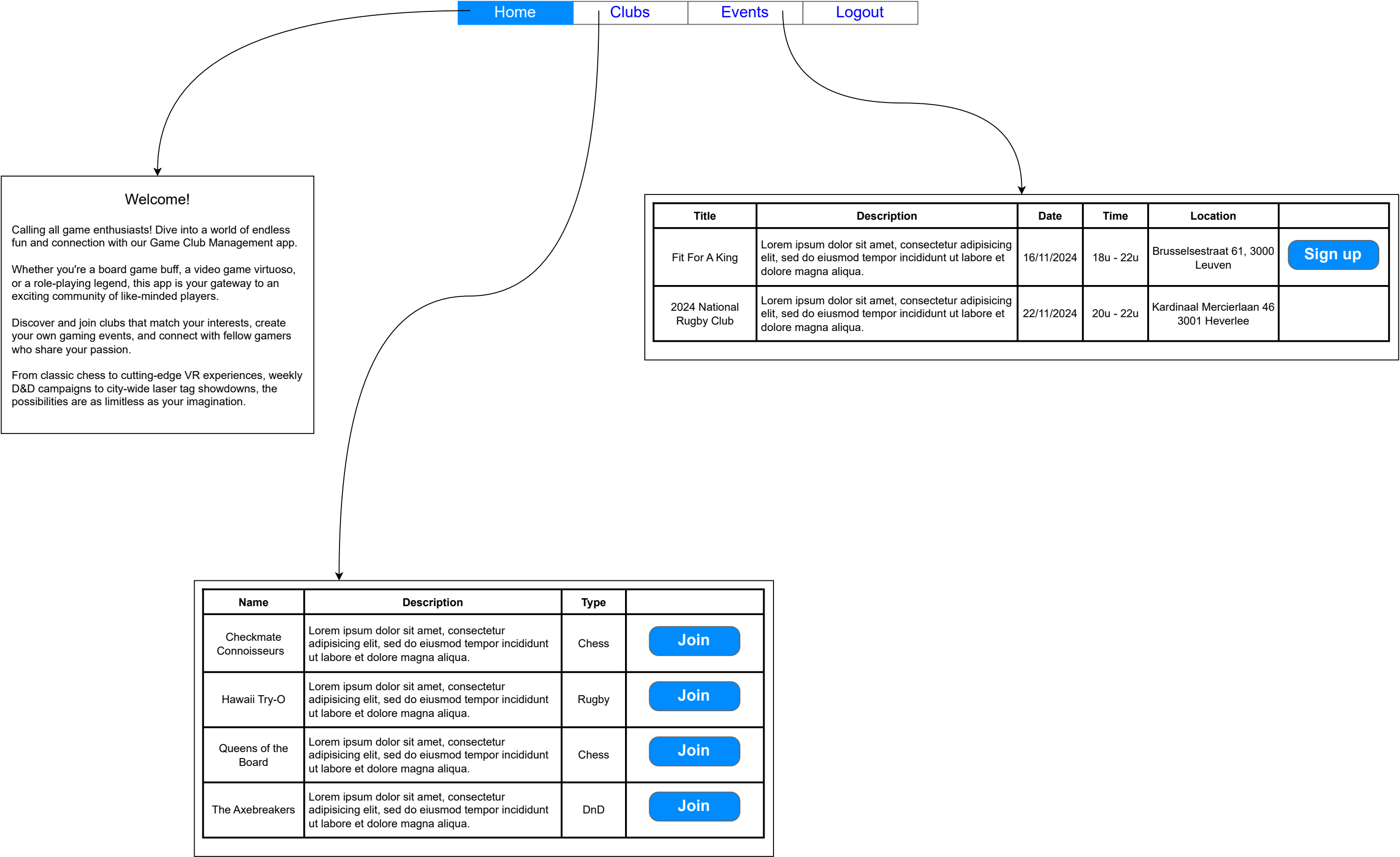


Appendix 1



Appendix 1

Game Club App



Appendix 1

Game Club App

