Design document

TLC QUANTUM
FONTYS

07/03/2024

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Introduction

This document contains the wireframes that we have created for the project TLC Quantum. Feel free to leave any comments for each wireframe even positive ones so we know what you like or dislike and can change our design accordingly.

Design Principles

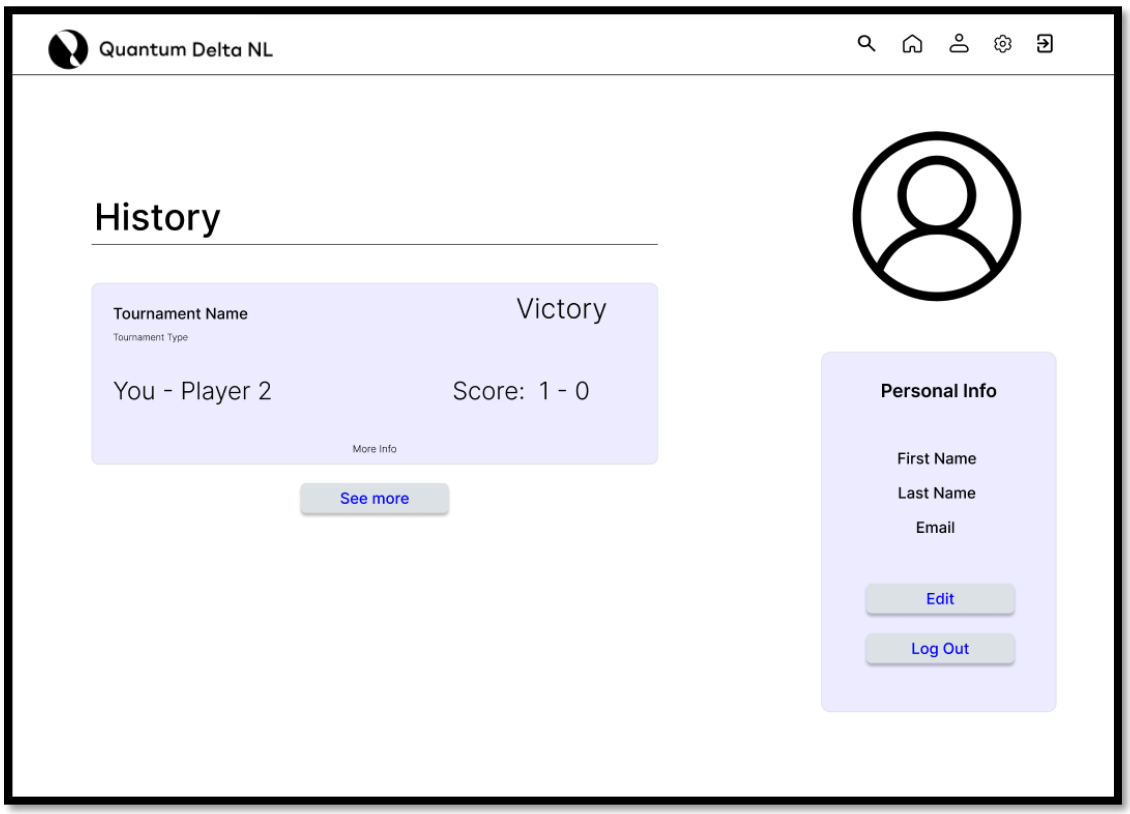
To have a consistent and easy-to-use user interface, Tournament system will be designed keeping in mind the Nielsen principles. This will make sure the front end will reuse components when possible and have a consistent design, making maintenance better. These principles are the following:

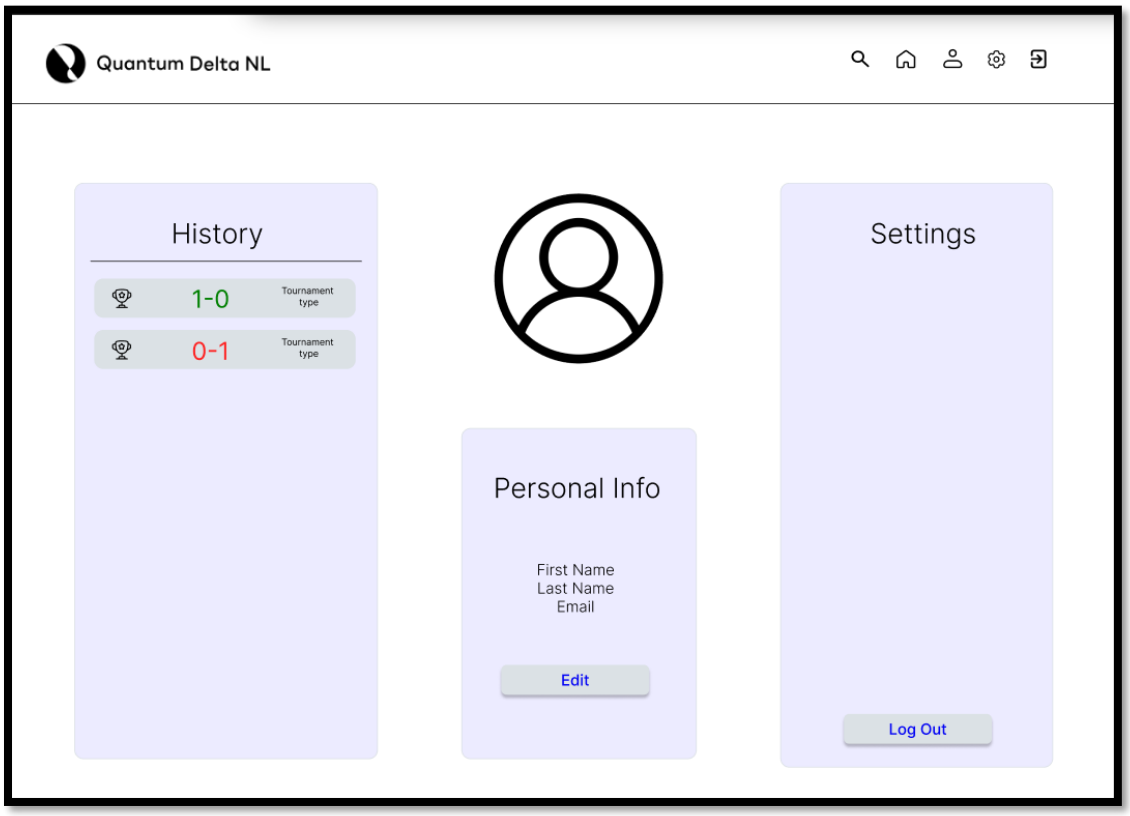
- Give the user feedback: Inform the user about the status and progress of the program, this will improve the understanding and engagement, keeping the user attached to the tournament system.
- Support an undo option: when a user does something by accident, enable to rectify the mistake so that the user has a smooth experience.
- Consistency: Have a uniform design in elements and actions, giving the user familiarity and predictability.
- Preventing a problem over fixing one: Have proper errors throughout the design.
- Recognition vs recall: We want recognition over recall to simplify the user experience and interaction, having the user minimize the cognitive effect.
- User shortcuts: When possible, add shortcuts, to improve efficiency and usability.
- K.I.S.S. (Keep it simple, stupid): Have a simple design that is clear and informative, which will prevent user overload.
- Error messages useful: Have a clear explanation and action to the solution in the error message to give clarity to the user.
- Help and documentation (only when there is time left): Have help resources to assist the user in navigating and understanding the system.

(Enginess, 2023)

Profile page

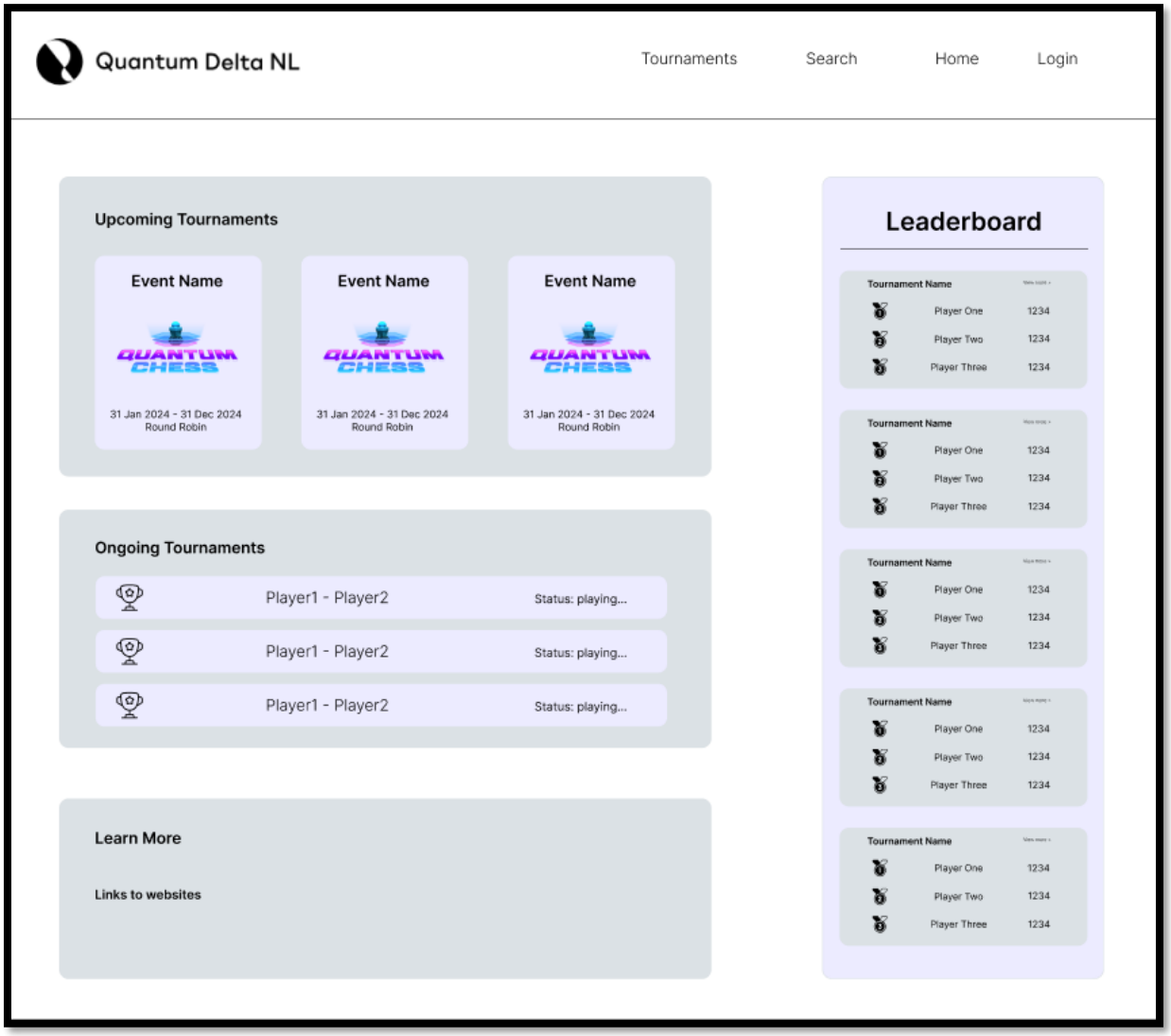
We are doubting between two designs here, we would love your input.





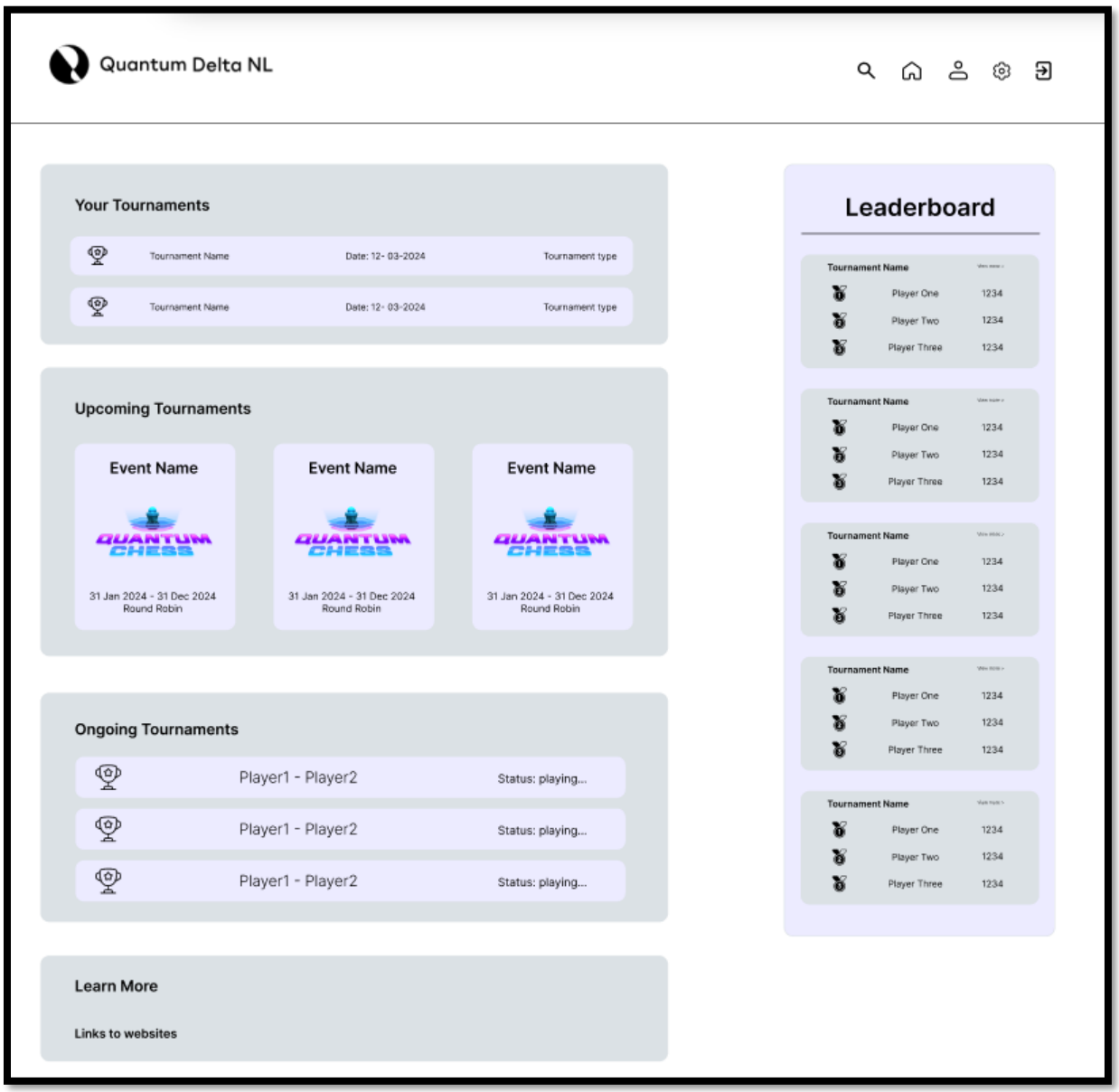
Home page (not logged in)

When user is not logged in, the user will see the following page. This includes the leaderboard, upcoming tournaments that you can still participate in, and the ongoing tournaments that are currently playing.



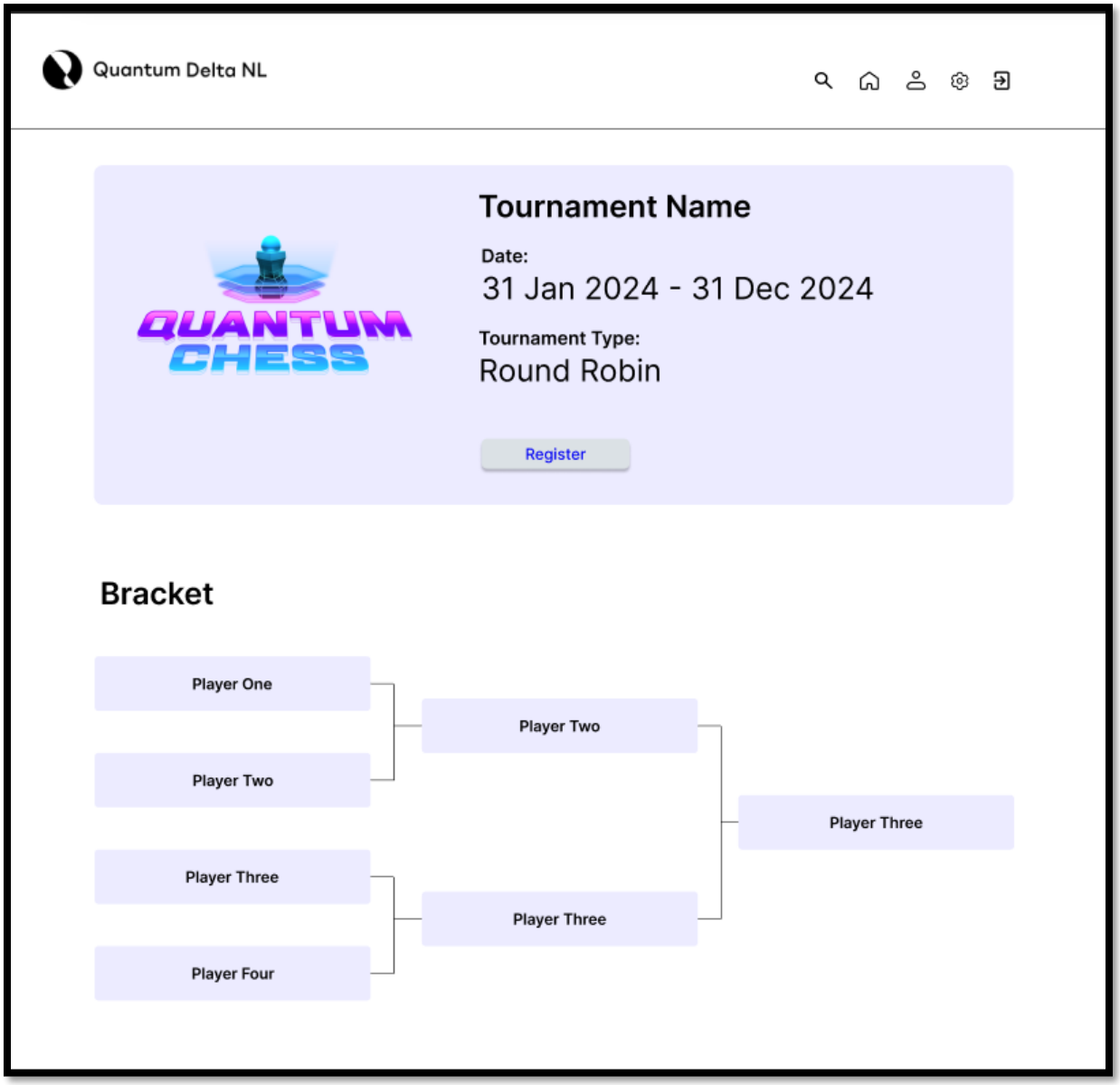
Home page (logged in)

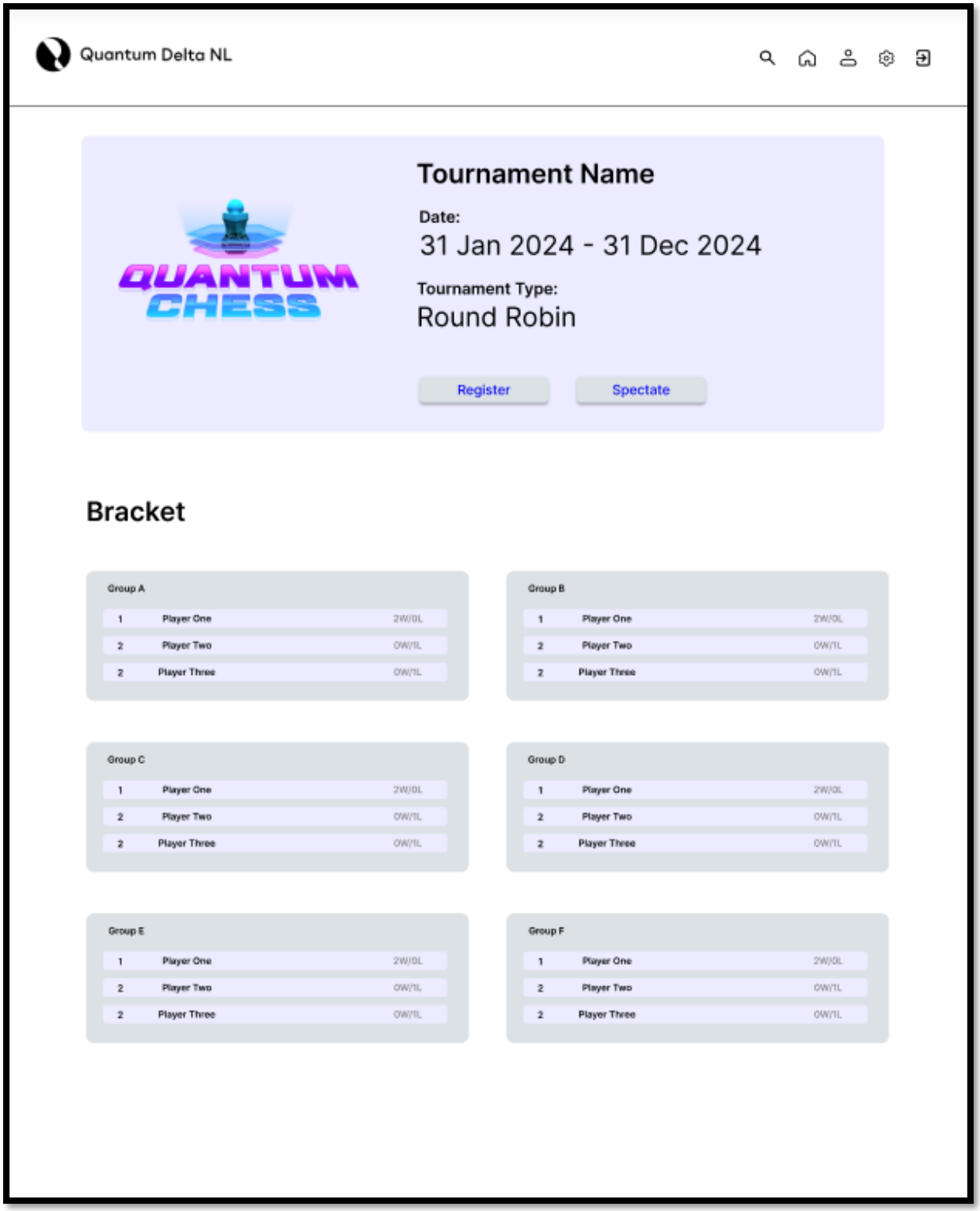
When logged in, you see the same things are you were not logged in, but your own tournaments will be displayed as well.



Tournament

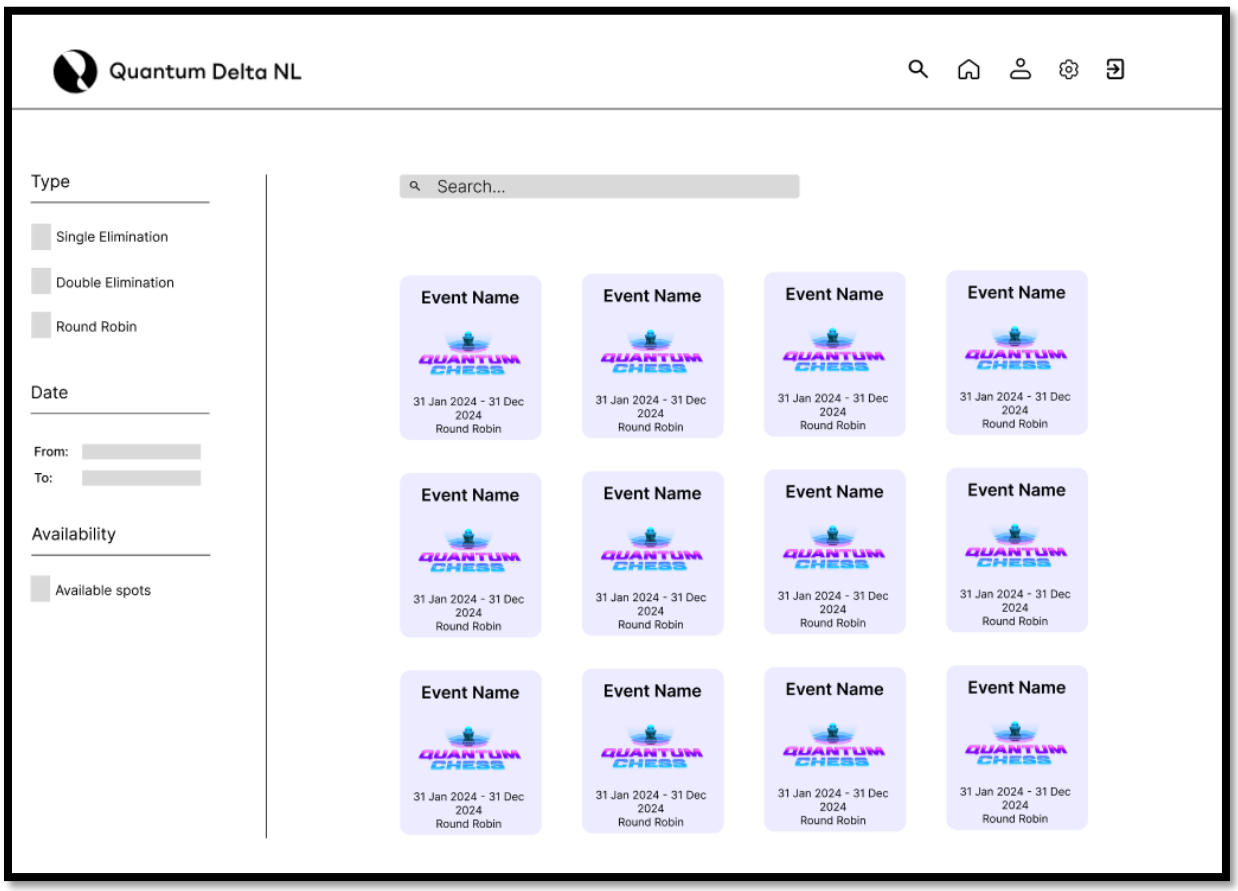
When clicking on a specific tournament to join, the users can view the important information of a tournament. There are two types of tournaments for now on the planning, round-robin and single elimination.




Quantum Delta NL
Tournament Name
Date:
31 Jan 2024 - 31 Dec 2024
Tournament Type:
Round Robin
Register
Spectate
Bracket
Group A
1 Player One 2W/0L
2 Player Two 0W/1L
2 Player Three 0W/1L
Group B
1 Player One 2W/0L
2 Player Two 0W/1L
2 Player Three 0W/1L
Group C
1 Player One 2W/0L
2 Player Two 0W/1L
2 Player Three 0W/1L
Group D
1 Player One 2W/0L
2 Player Two 0W/1L
2 Player Three 0W/1L
Group E
1 Player One 2W/0L
2 Player Two 0W/1L
2 Player Three 0W/1L
Group F
1 Player One 2W/0L
2 Player Two 0W/1L
2 Player Three 0W/1L

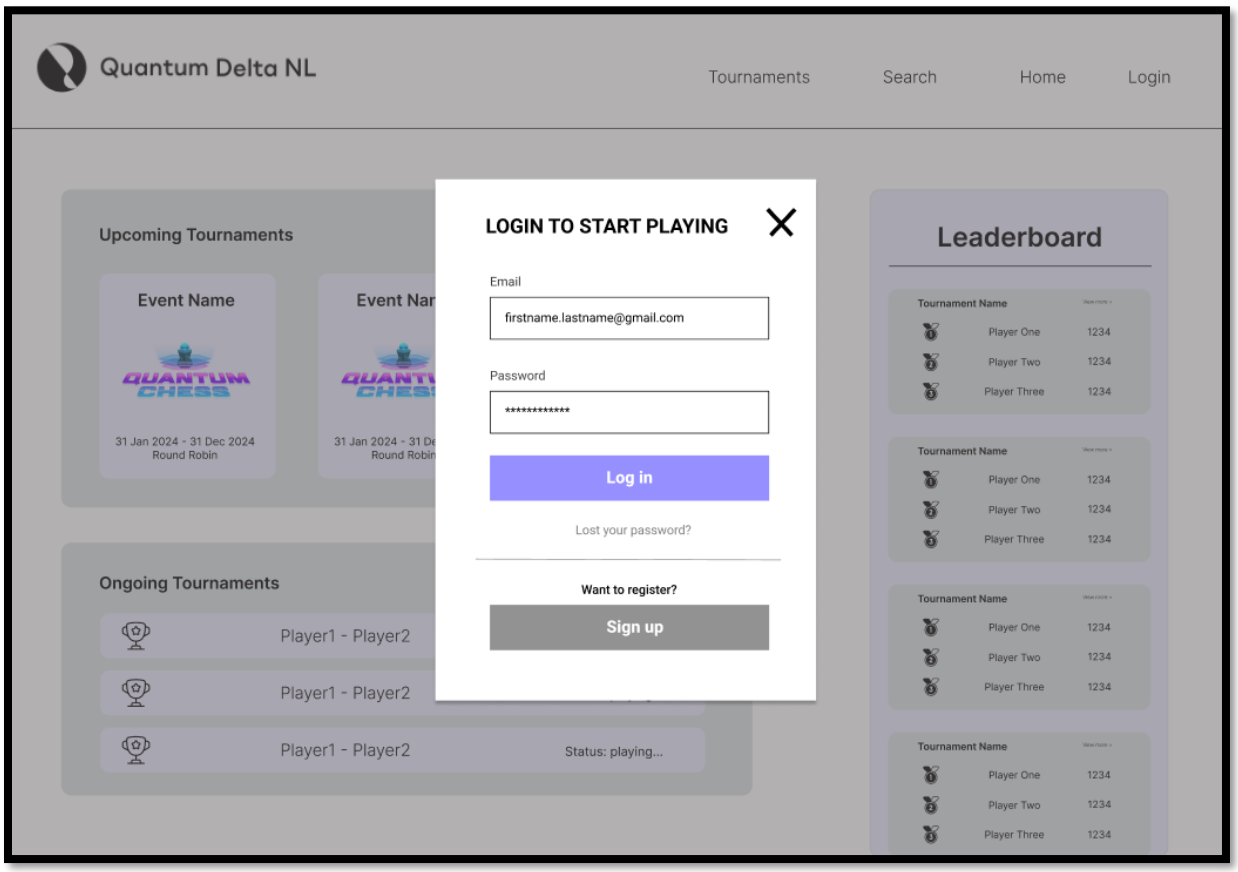
Search tournament

When you want to join a tournament you can go to this page, to find you tournament, while using different search options.

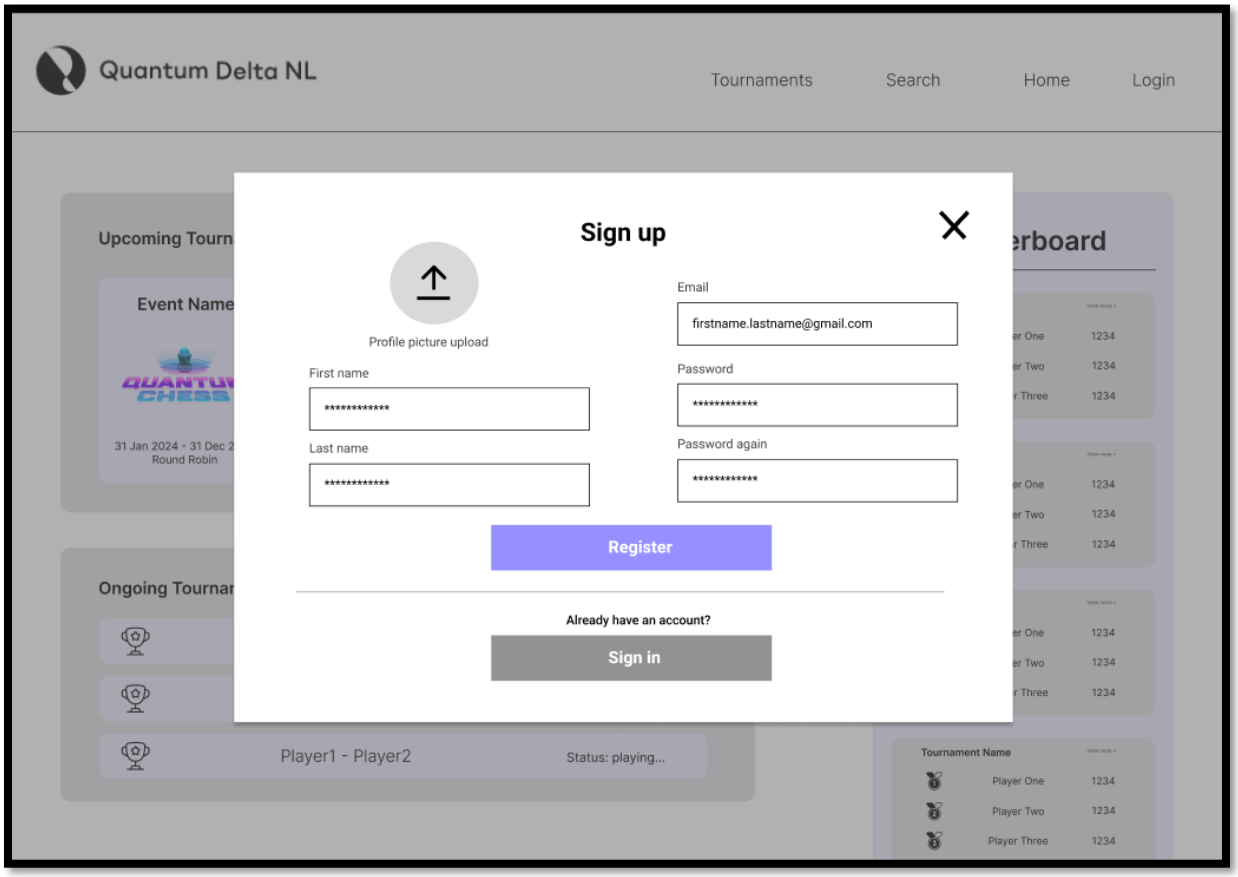


Login

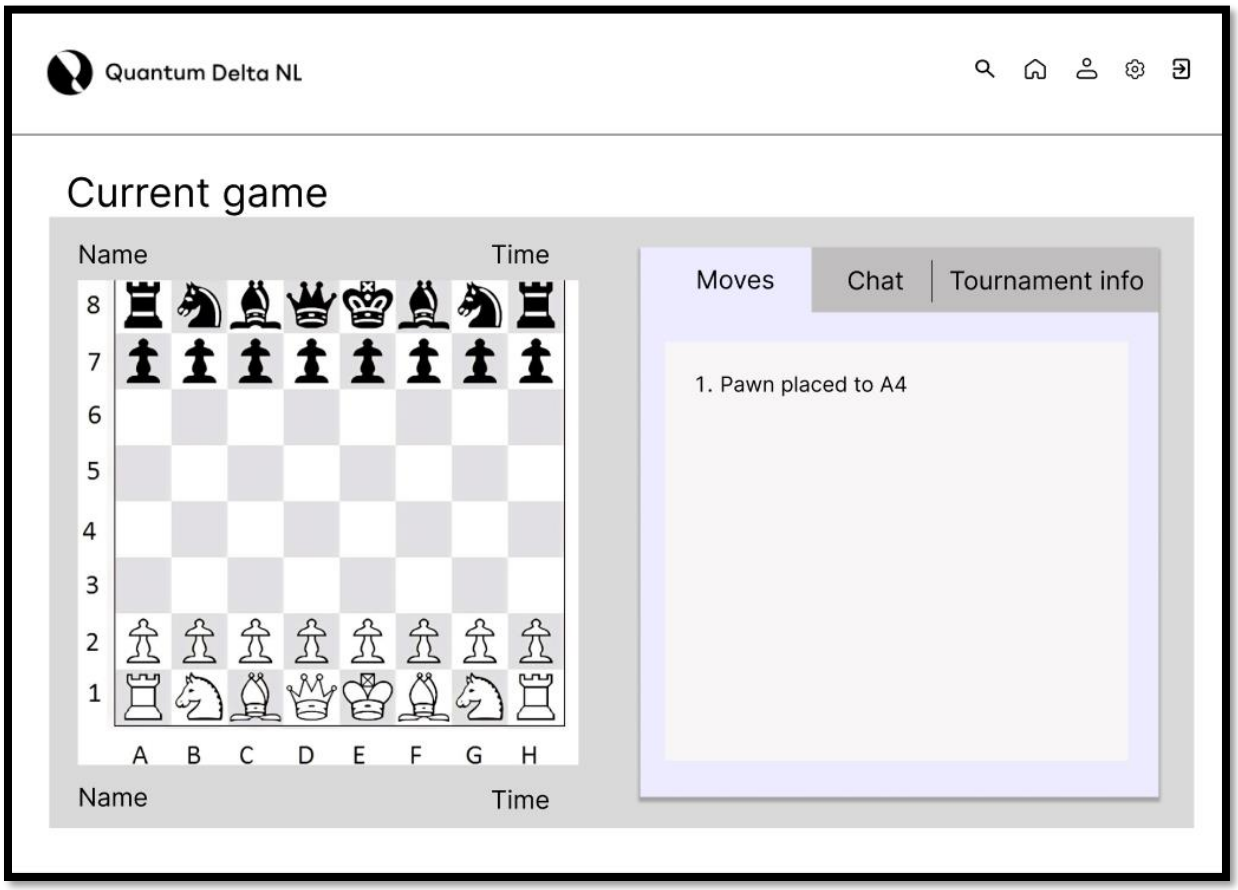
The login option will be a pop-up.

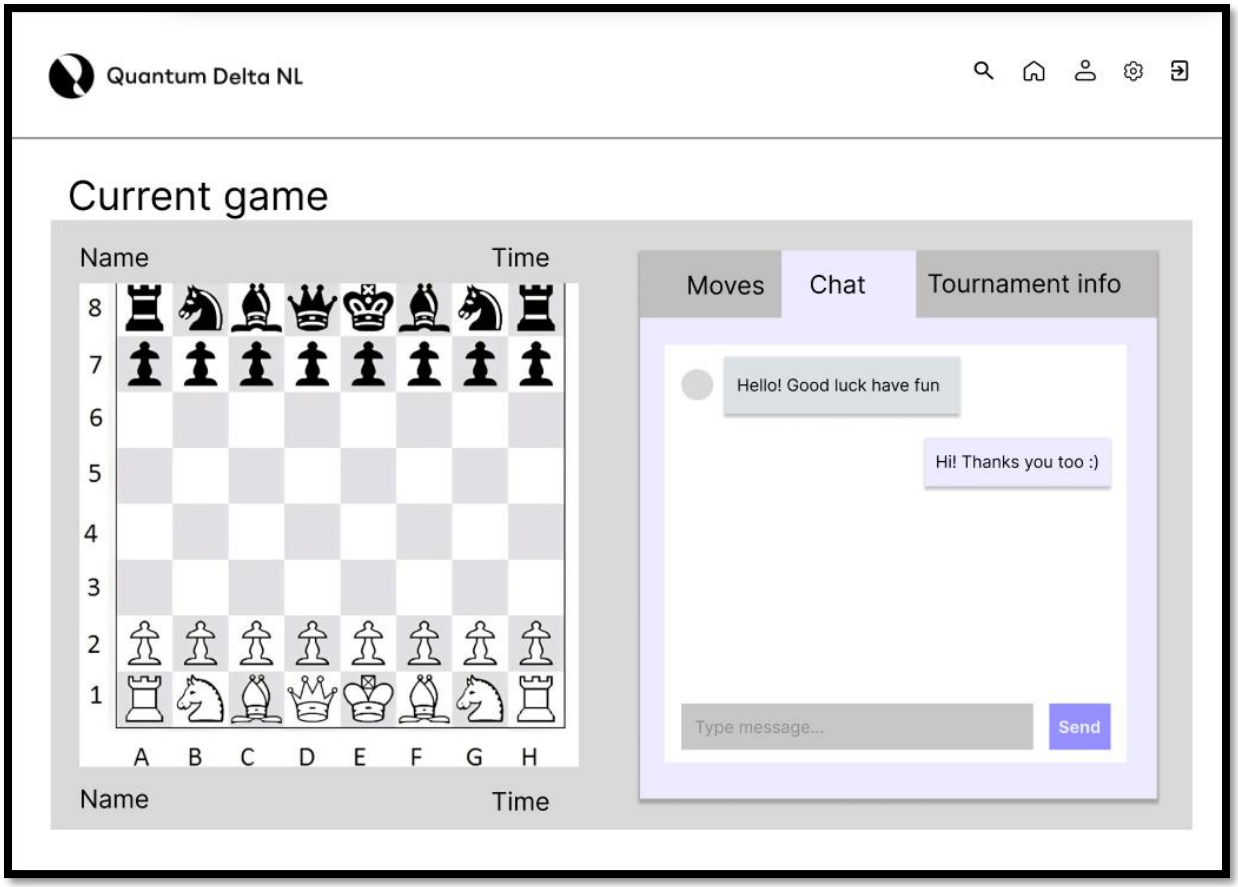


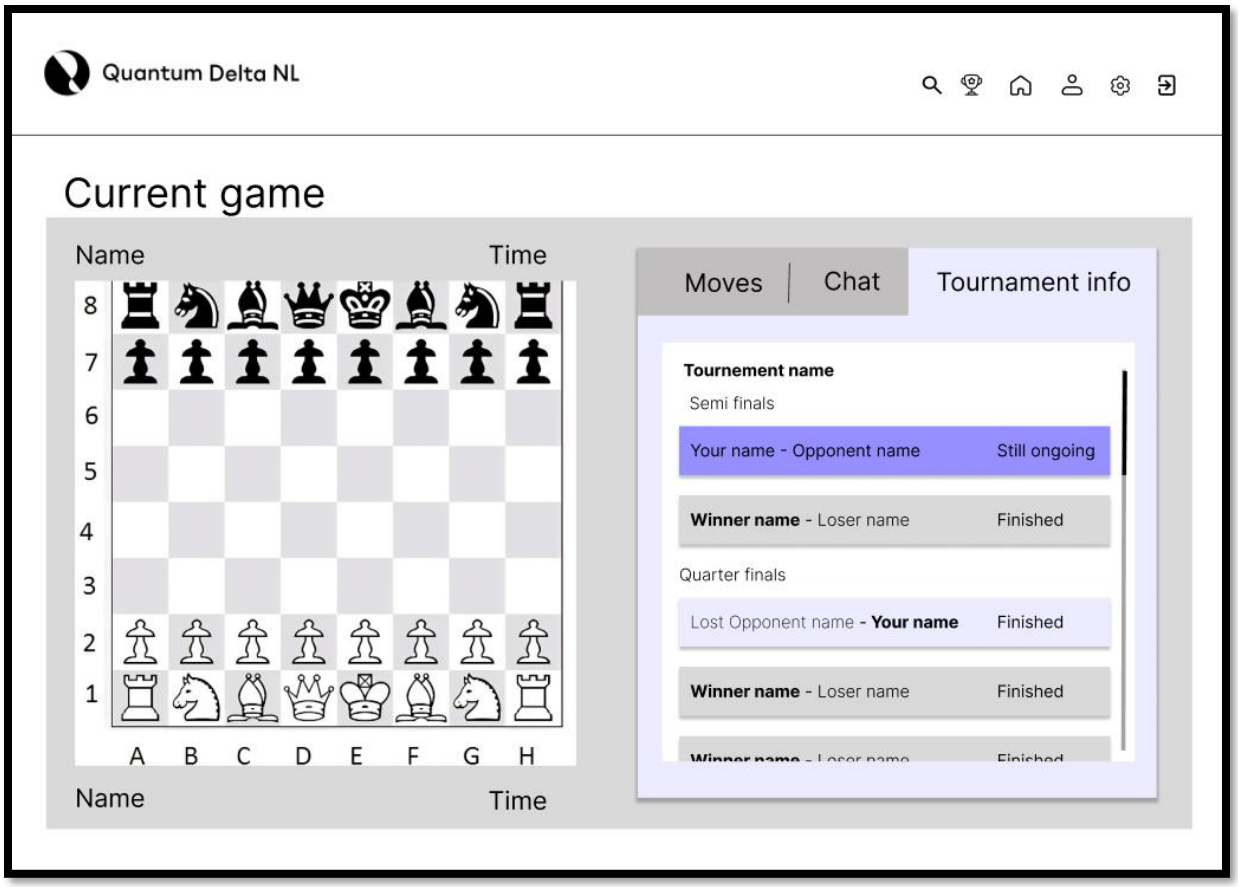
Register


Quantum Delta NL
Tournaments
Search
Home
Login
Sign up
Profile picture upload
First name
Last name
Email
firstname.lastname@gmail.com
Password
Password again
Register
Already have an account?
Sign in
Upcoming Tourn
Event Name
Ongoing Tournar
Player1 - Player2
Status: playing...
erboard
Tournament Name
Player One
Player Two
Player Three
1234

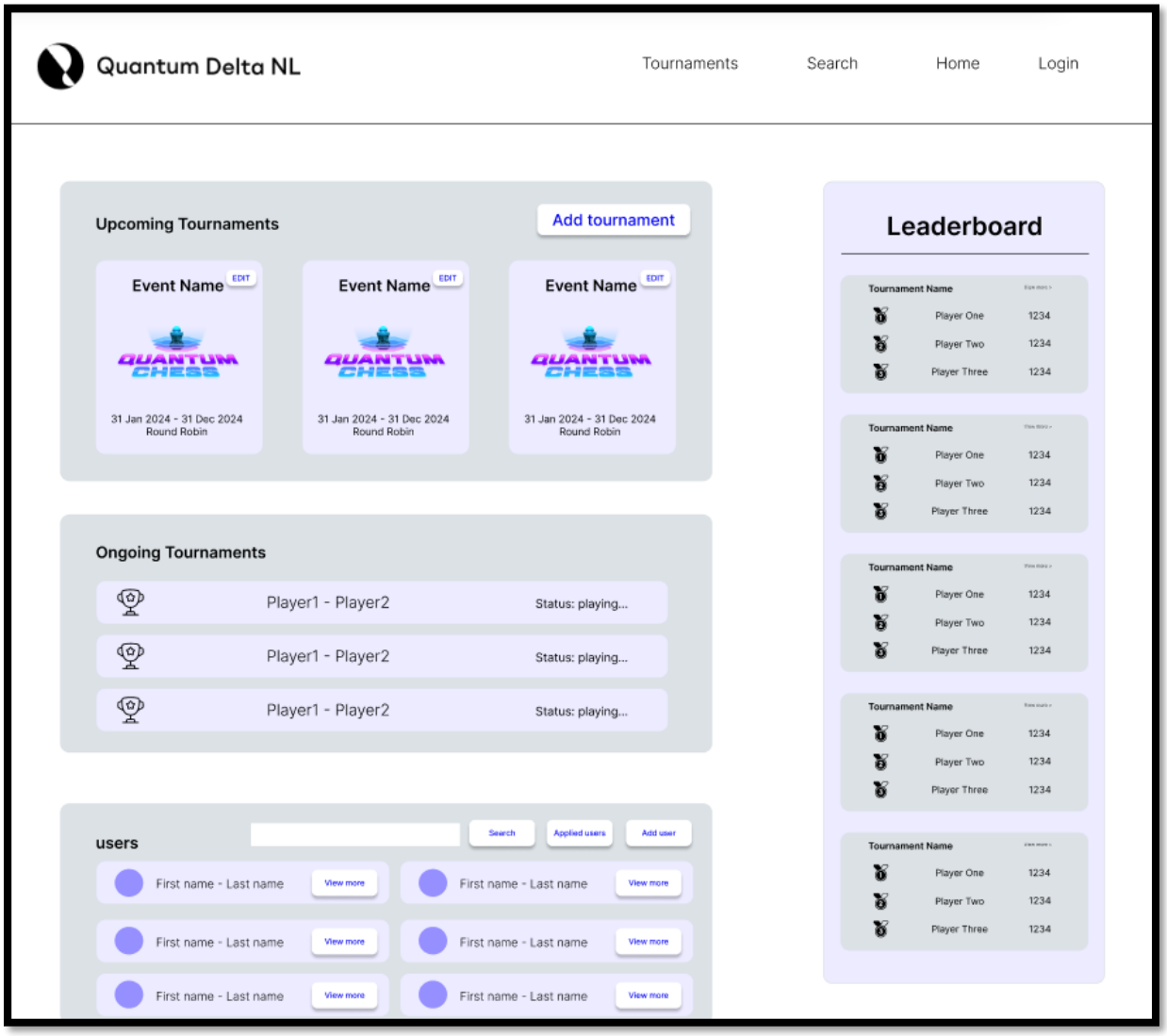
In game


Quantum Delta NL
Current game
Name
Time
8
7
6
5
4
3
2
1
A B C D E F G H
Name
Time
Moves
Chat
Tournament info
1. Pawn placed to A4


Quantum Delta NL
Current game
Name
Time
8
7
6
5
4
3
2
1
A B C D E F G H
Name
Time
Moves
Chat
Tournament info
Hello! Good luck have fun
Hi! Thanks you too :)
Type message...
Send


Quantum Delta NL
Current game
Name
Time
8
7
6
5
4
3
2
1
A B C D E F G H
Name
Time
Moves
Chat
Tournament info
Tournement name
Semi finals
Your name - Opponent name
Still ongoing
Winner name - Loser name
Finished
Quarter finals
Lost Opponent name - Your name
Finished
Winner name - Loser name
Finished

Admin


Quantum Delta NL
Tournaments
Search
Home
Login
Upcoming Tournaments
Add tournament
Event Name
EDIT
31 Jan 2024 - 31 Dec 2024
Round Robin
Ongoing Tournaments
Player1 - Player2
Status: playing...
users
Search
Applied users
Add user
First name - Last name
View more
Leaderboard
Tournament Name
Player One
Player Two
Player Three
1234

References

Enginess. (2023, 10 11). *Jakob Neilsen's 10 Principles of Interactive Design*. Opgehaald van enginess: https://www.enginess.io/insights/principles-of-interactive-design