

# **Project report: Advanced Web Programming**

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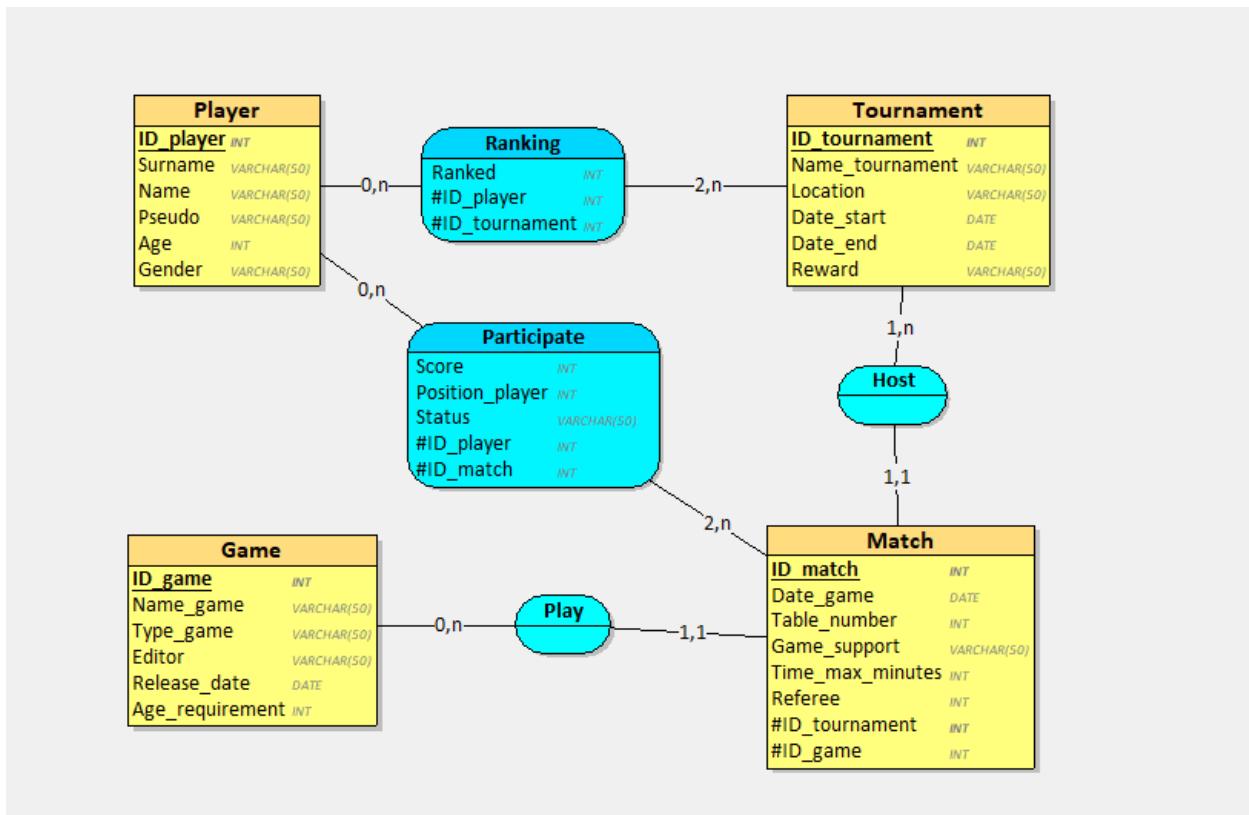
## **Project presentation:**

Our project involves a company organizing game tournaments, encompassing board games, card games, and online games (video games). To manage the tournament, they need a tournament name, a location, start and end dates, and a reward. Players can participate if they send their surname, name, pseudo, age, and gender. The matches are defined in advance, including the date, table number, game type (card game, board game, or online game), maximum time per game, and the number of referees. In order to play a game's match, they need the game's name, its type, its editor, its release date, and an age requirement. For the tournament to take place, a minimum of two people is required.

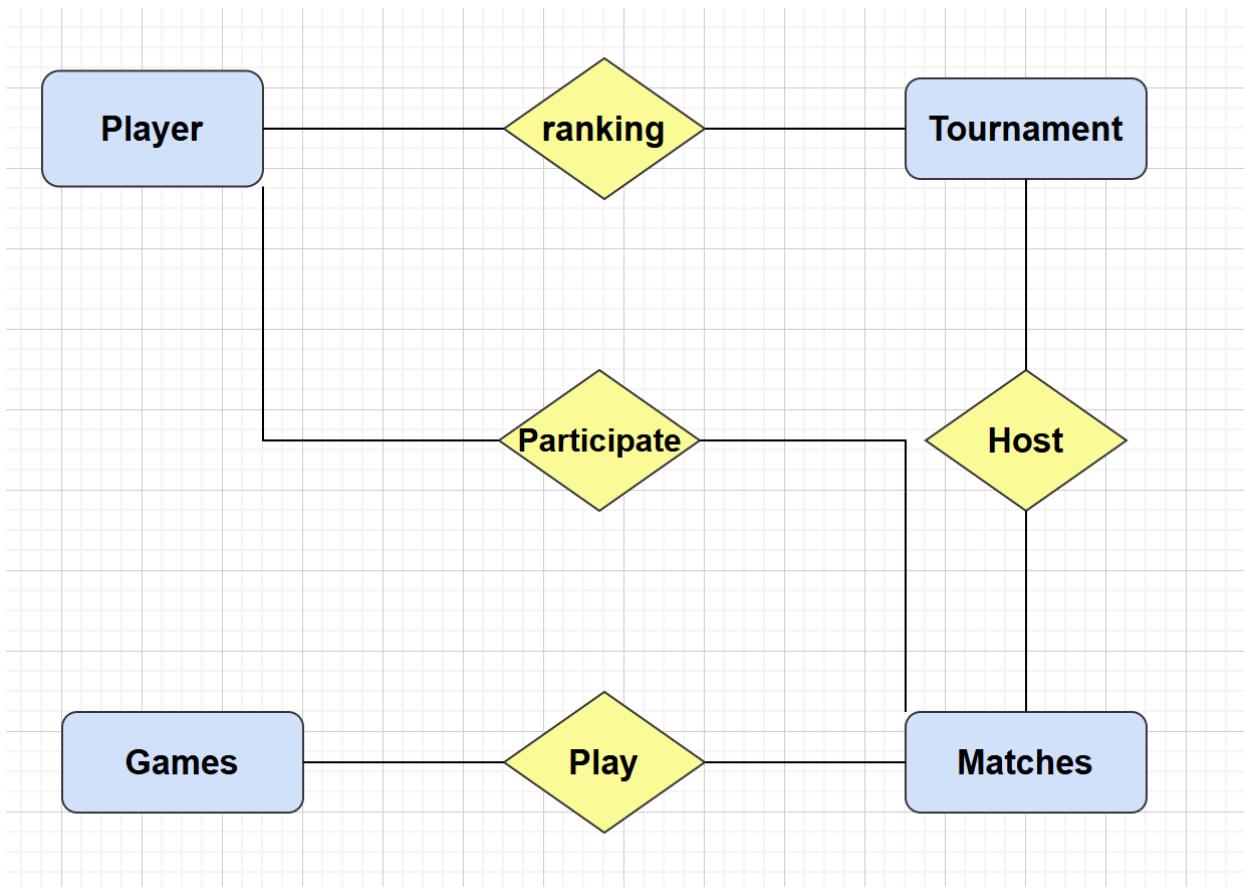
### **WHY THIS PROJECT?**

We wanted to choose a subject in connection with our lives. So we thought about something in common that we have, our friends. In our friend group, we love playing Belote; sometimes it's a little too competitive. So we thought about belote -> games and competitive -> tournament. Belote is just one type of game; individually, we love playing games, card games, and board games, so we added them.

## Database Diagram:



## ER Diagram:

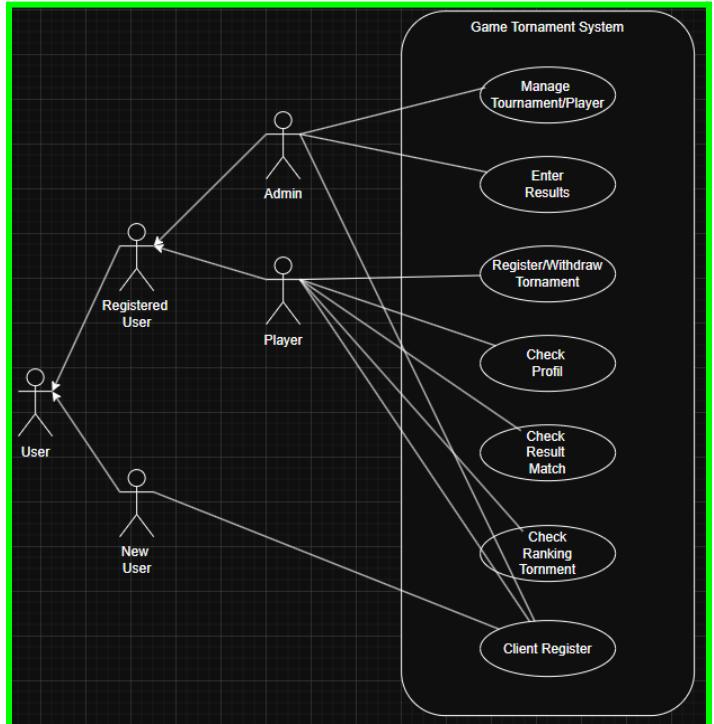
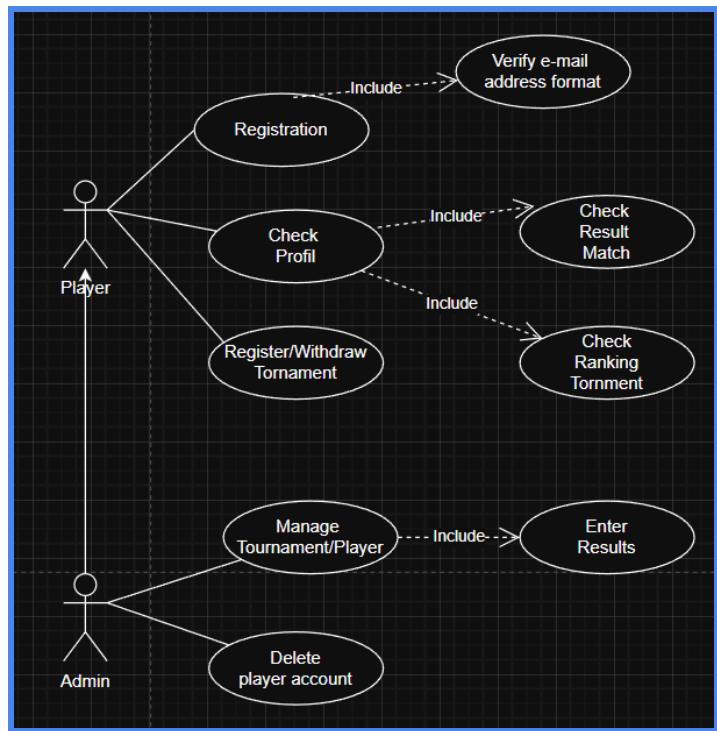


The ER diagram has been made to understand how the entity of our database works fully.

## Use Case Diagram:

We made 3 versions of the use case diagram.

Blue - Irène  
 Green - Julia  
 Orange - Edouard



## Gantt Diagram:

NUMBER	TASK TITLE	WHO DID IT	DEADLINE DATE	FINISHED TASK (%)	OCTOBER												NOVEMBER							DECEMBER							
					WEEK 3				WEEK 4				WEEK 5				WEEK 6			WEEK 7			WEEK 8								
6	7	8	9	10	13	14	15	16	17	27	28	29	30	31	17	18	19	20	21	23	24	25	26	27	1	2	3	4	5		
<b>1 Front End</b>																															
1.0	Frontend Skeleton	Julia	31/10/25	100 %																											
1.1	Home page text	Irène	31/10/25	100 %																											
1.1.1	Home page code (html)	Edouard	31/10/25	100 %																											
1.1.2	Home page code (css)	Edouard, Irène, Julia	31/10/25	100 %																											
1.2	Players page text	Irène	31/10/25	100 %																											
1.2.1	Players page json	Julia	31/10/25	100 %																											
1.2.2	Players page code (html)	Edouard	31/10/25	100 %																											
1.2.3	Players page code (css)	Edouard, Irène, Julia	31/10/25	100 %																											
1.3	Games page text	Irène	31/10/25	100 %																											
1.3.1	Games page json	Julia	31/10/25	100 %																											
1.3.2	Players page code (html)	Edouard	31/10/25	100 %																											
1.3.3	Players page code (css)	Edouard, Irène, Julia	31/10/25	100 %																											
1.4	Players page text	Irène	31/10/25	100 %																											
1.4.1	Players page json	Julia	31/10/25	100 %																											
1.4.2	Players page code (html)	Edouard	31/10/25	100 %																											
1.4.3	Players page code (css)	Edouard, Irène, Julia	31/10/25	100 %																											
1.5	Board Tournament page text	Irène	31/10/25	100 %																											
1.5.1	Board Tournament page code (html)	Julia	31/10/25	100 %																											
1.5.2	Board Tournament page code (css)	Edouard, Irène, Julia	31/10/25	100 %																											
1.5.	Card Tournament page text	Irène	31/10/25	100 %																											
1.5.1	Card Tournament page code (html)	Julia	31/10/25	100 %																											
1.5.2	Card Tournament page code (css)	Edouard, Irène, Julia	31/10/25	100 %																											
1.6	Online Tournament page text	Irène	31/10/25	100 %																											
1.6.1	Online Tournament page code (html)	Julia	31/10/25	100 %																											
1.6.2	Online Tournament page code (css)	Edouard, Irène, Julia	31/10/25	100 %																											
1.7	All login	Julia	21/11/25	100 %																											
<b>2 Back End</b>																															
2	Backend skeleton	Julia		100 %																											
2.2				100 %																											
2.2.1				100 %																											

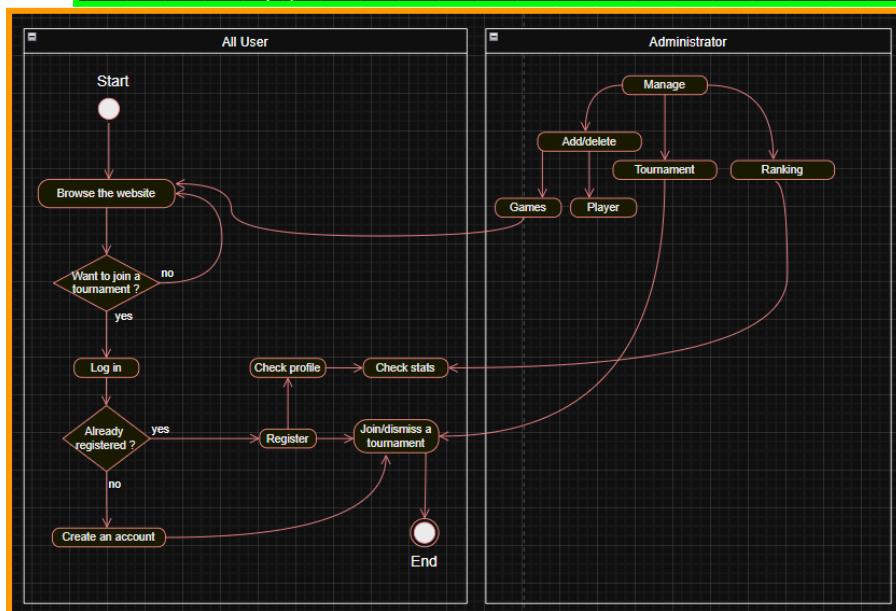
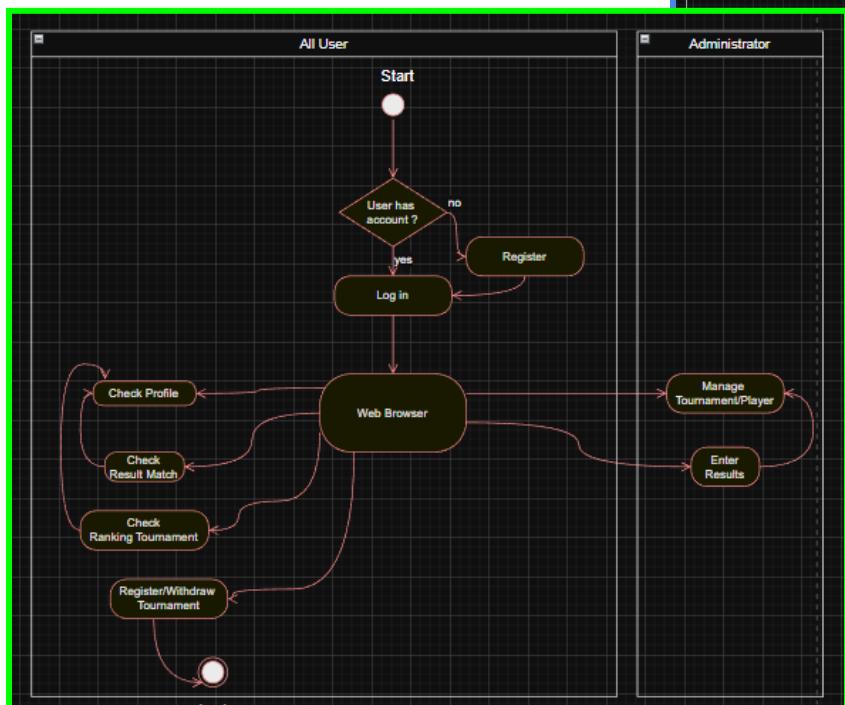
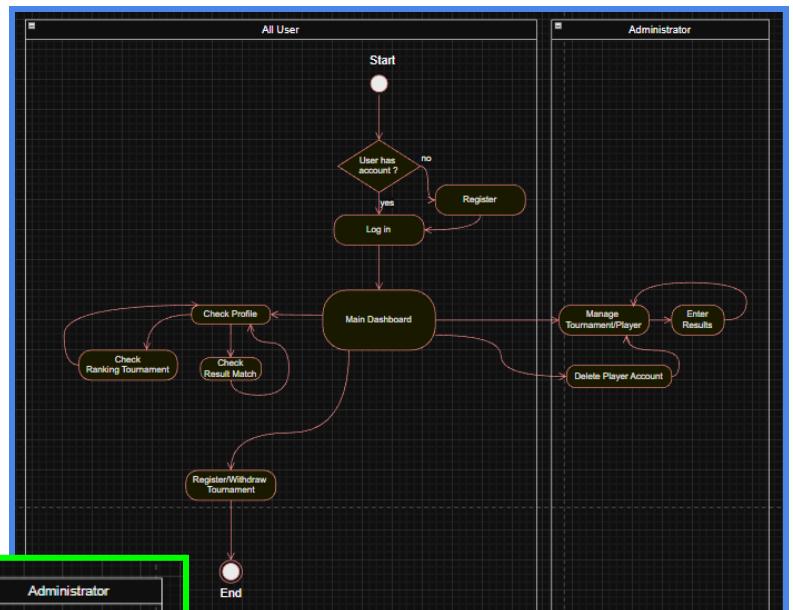
<b>1 User</b>																															
1.0	Register/Withdraw Tournament																														50 %
1.1	Check Profile																														100 %
1.1.1	Check Result Match																														0 %
1.1.2	Check Ranking Tournament																														0 %
1.2	Registration																														2 %
1.2.1	Log In																														100 %
<b>2 Administrator</b>																															
2	Manage Tournament																														0 %
2.1	Manage Player																														100 %
2.1.1	Manage Ranking																														0 %
2.2	Enter Results																														0 %

## Activity Diagram:

Blue - Irène

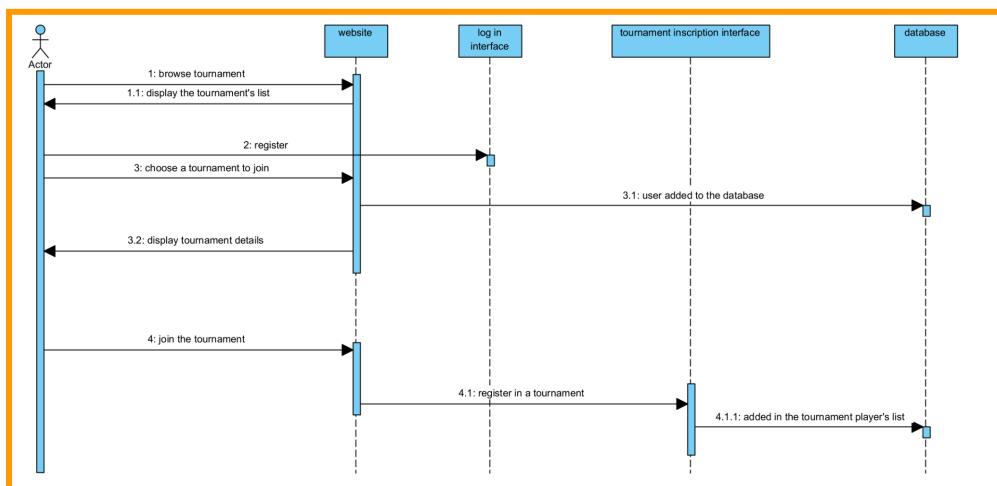
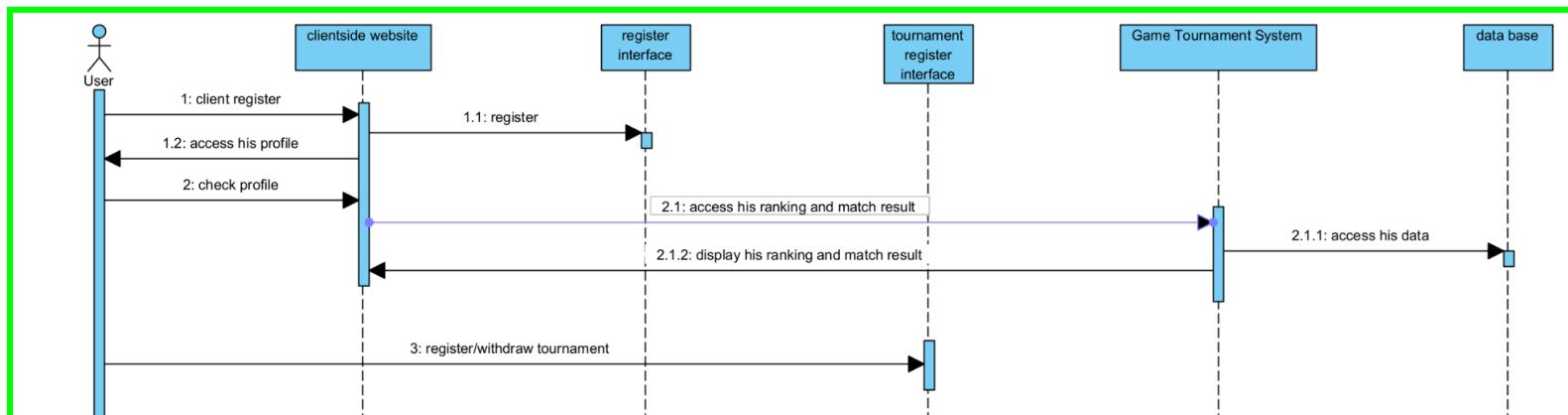
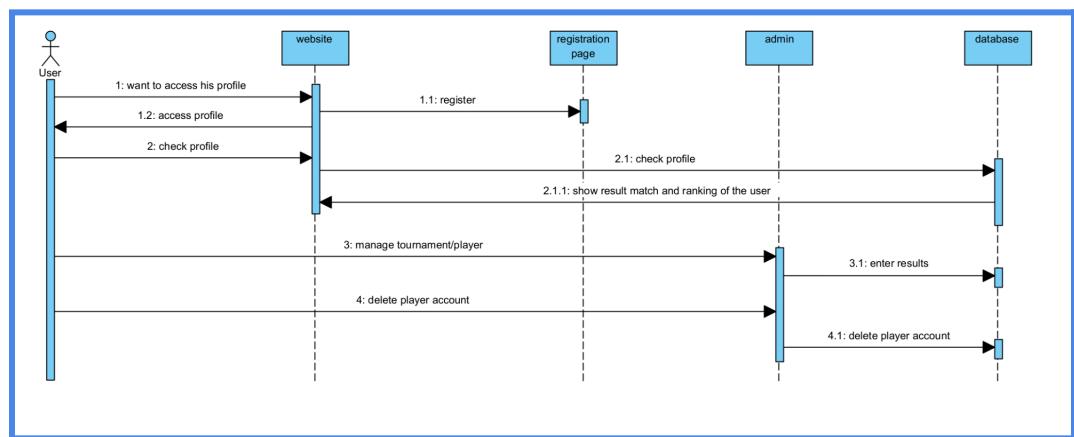
Green - Julia

Orange - Edouard



## Sequence Diagram:

Blue - Irène  
 Green - Julia  
 Orange - Edouard



## Wireframe Diagram part1:



## Wireframe Diagram part2:

Login						
Home	Players	Games	B-tournament	C-tournament	O-tournament	Login
<div style="border: 1px solid black; padding: 10px; text-align: center;">         LOGIN            Email            Password            Login       </div>						

Login						
Home	Players	Games	B-tournament	C-tournament	O-tournament	Login
<div style="border: 1px solid black; padding: 10px; text-align: center;">         Join a Tournament            Text to say to fill out all categories under            Select tournament            Pseudo            Name            Surname            Age            Select gender            Join tournament !       </div>						