



# **GAMESENSE**

Guilherme Rosa - 113968

Henrique Teixeira - 114588

João Roldão - 113920

Rui Machado - 113765

# OUR TEAM

---



*Team Manager*  
**Guilherme Rosa**



*Dev Ops*  
**Henrique Teixeira**



*Architect*  
**João Roldão**



*Product Owner*  
**Rui Machado**

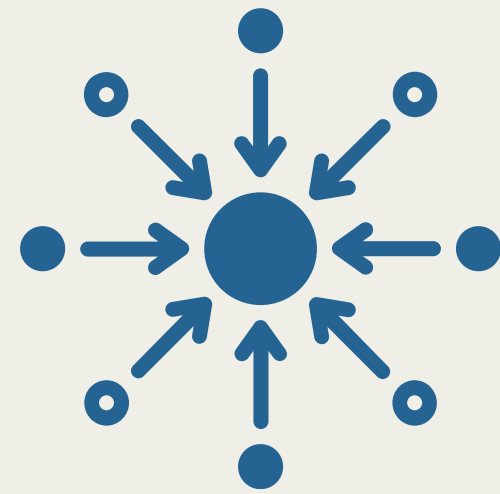
# INTRODUCTION

---

- A football analytics app that provides **real time analysis** of simulated football games. It is also capable of **simulating games** based on past data.
- Drawing inspiration from apps like ZeroZero, FotMob, and FlashScore, we built upon their core functionalities and layout design as reference points.

# WHAT SETS THIS APP APART?

---



Centralized  
Information



Data-Driven  
Predictions

# PERSONAS

---



*Fan*

**António Geirinhas**



*Coach*

**Jorge Vitória**



*Player*

**Ricardo Moreno**



*Scout*

**Marta Lopes**

# USER STORIES

---

High

- As a Fan, I want to see my favourite team live match result
- As a Coach, I want to see the my team's stats live
- As a Fan, I want to see my favourite team's standing in the league table
- As a Scout, I want to see every player's and game's historical stats

Medium

- As a Coach, I want to see the player's in opposition team that are injured
- As a Player, I want to see my individual overall stats
- As a Scout, I want to see the player with the most goals in a league

Low

- As a Fan, I want to see my team's past results againsts a specific opponent
- As a Player, I want the app to recomend what i can improve as a player
- As a Scout, I want to see the injury history and risk factors of a player
- As a Coach, I want to simulate a game against my next opponent
- As a Fan, I want to be able to share a my team's result on social media

# USER STORIES

---

High

- As a Fan, I want to see my favourite team live match result
- As a Coach, I want to see the my team's stats live
- As a Fan, I want to see my favourite team's standing in the league table
- As a Scout, I want to see every player's and game's historical stats

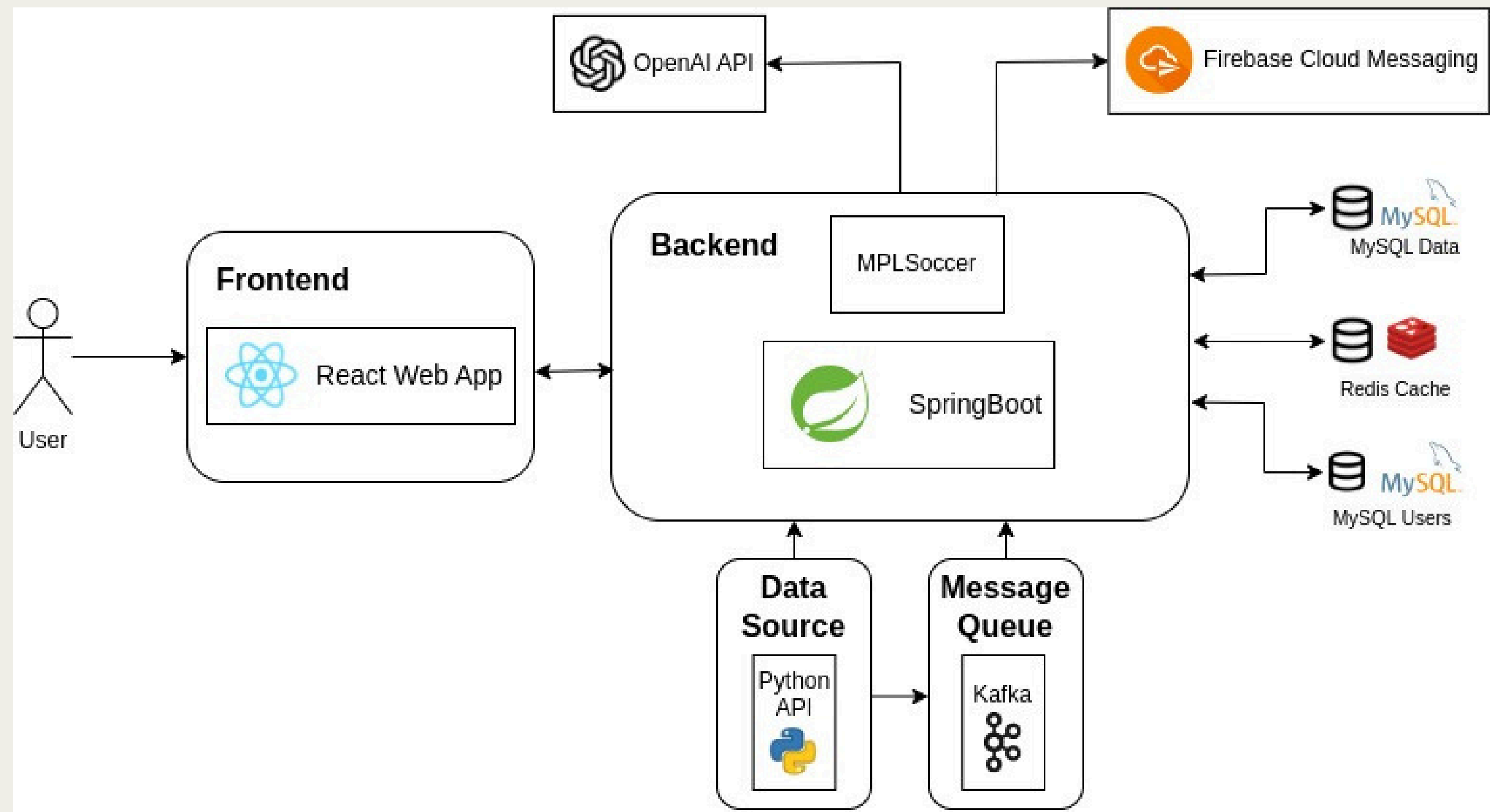
Medium

- As a Coach, I want to see the player's in opposition team that are injured
- As a Player, I want to see my individual overall stats
- As a Scout, I want to see the player with the most goals in a league

Low

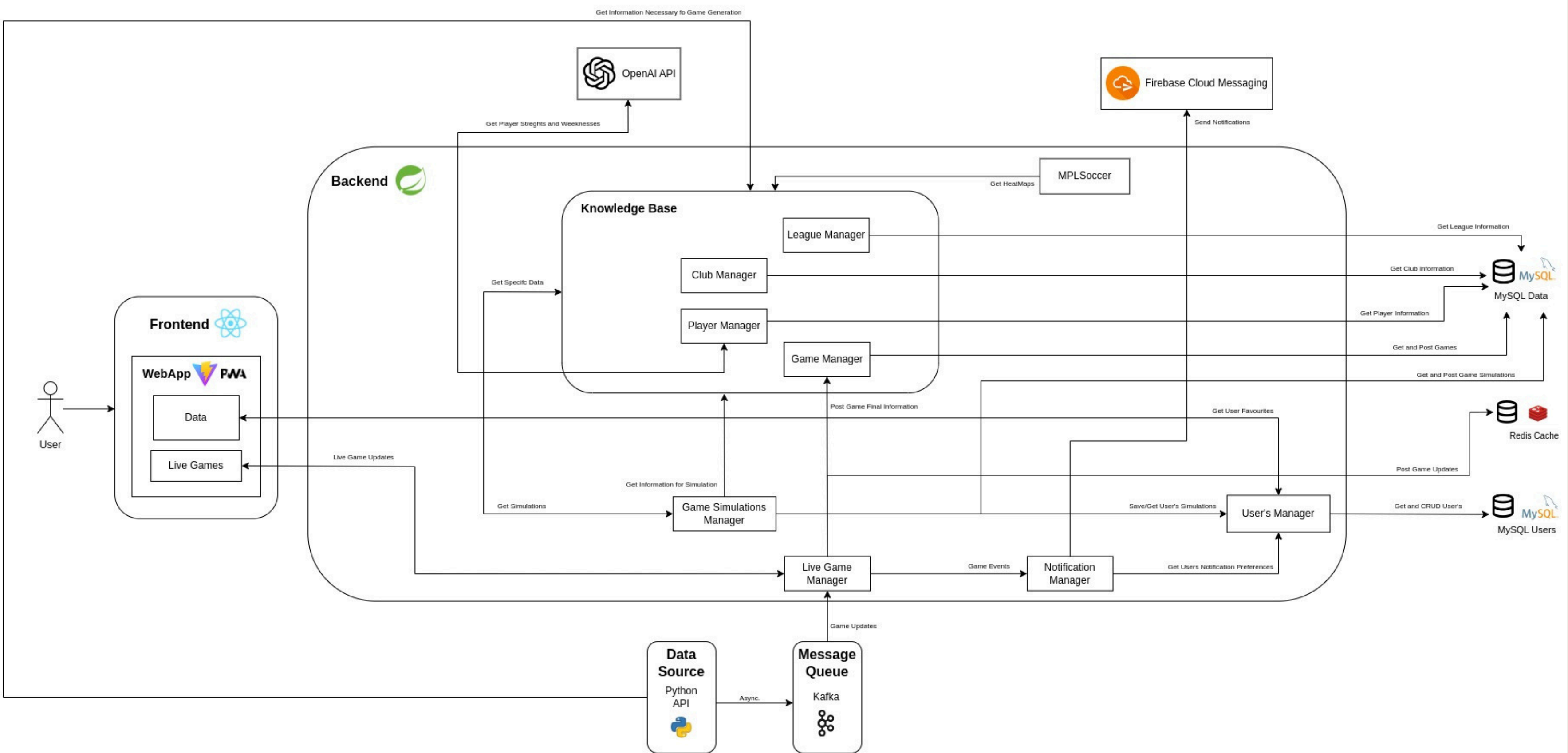
- As a Fan, I want to see my team's past results againsts a specific opponent
- As a Player, I want the app to recomend what i can improve as a player
- As a Scout, I want to see the injury history and risk factors of a player
- As a Coach, I want to simulate a game against my next opponent
- As a Fan, I want to be able to share a my team's result on social media

# ARCHITECTURE





# ARCHITECTURE



# CURRENT ITERATION BACKLOG

▼	16	42	Dec 17 - Dec 18	Current	...		
188	🕒	Make presentation #437		guilher...	In progress		
189	✅	Fix Live-Game Minutes and Halfs #389	bug enhancement	guilherm...	Done	High	2
190	✅	Add proper urls to club's logos in the database #339	club database	henrique...	Done	High	2
191	✅	Finish deploy preparations #421	devops	henrique...	Done	High	2
192	✅	Fix Live-Games endpoints dying #381	bug live game	guilherm...	Done	High	3
▼ 193	✅	Data-gen red, stadium and kickoff time #409	enhancement	henrique...	Done	High	2
194	✅	Fix Same Team playing at the same time #414	bug	henrique...	Done	High	2
195	✅	Add Loading Page To All Pages #394	frontend	ruimach...	Done	High	1
196	✅	Create Pipeline for Deployment #395	devops	henrique...	Done	High	2
197	✅	Implement Health Checks on All Services #384	club devops	henrique...	Done	High	2
198	✅	Fix Teams Being Fetched Home Page #399	bug	henrique...	Done	High	2
199	✅	Refactor Club Service #400	bug club	henrique...	Done	High	2
200	✅	Fix sql init dockerization #412	bug devops	henrique...	Done	High	1
201	✅	Fix Favourite's Team Logo #378	bug club	ruimach...	Done	High	1
202	✅	Add club id to basic-info #387		henrique...	Done	High	1
203	✅	Make Player in Event Clickable #390	frontend live g	henrique...	Done	High	2
204	✅	Connect Game Generation to Player's and CLub Service #380	club enhancem	henrique...	Done	High	4
205	✅	Deal with second yellow card #392	bug	henrique...	Done	High	2
206	✅	Fix Game Generation Away Team Logo #379	bug	henrique...	Done	High	1
207	✅	Fix Club's Logo on Frontend #375	club frontend	henrique...	Done	High	1

# CURRENT ITERATION BACKLOG

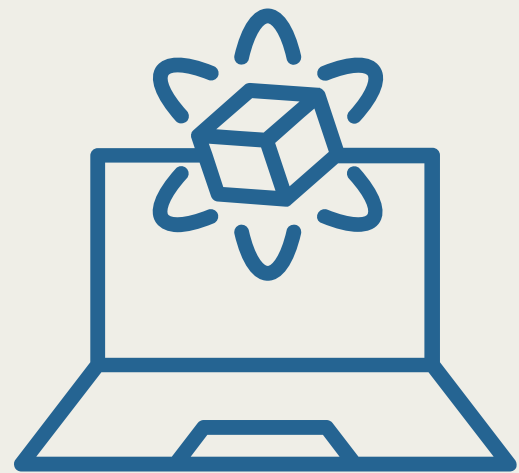
208	✔ Fix DataBase Population #373	database	henrique...	Done	High	2
209	✔ Connect Player's Frontend to Club #376	club frontend	henrique...	Done	High	1
210	✔ Fix Player's Frontend #374	club frontend	henrique...	Done	High	1
211	✔ Fix Stats publish #356	bug	guilherm...	Done	High	3
212	✔ Fix game still fetching events even after finishing #427	bug	guilherm...	Done	High	3
213	🟢 Populate DB with injuries and player stats #434	database	roldao04	Done	High	1
214	✔ Change Fav Club in standings #426	club frontend	ruimach...	Done	High	
215	✔ Send Missing Match Info #403	enhancement	henrique...	Done	Medi...	2
216	✔ Last event id not being updated in the frontend #264	bug live game	guilherm...	Done	Medi...	2
217	✔ Fix Navbar Scrolling #210	frontend refac	ruimach...	Done	Medi...	1
218	✔ Fix Substitutions #388		henrique...	Done	Medi...	1
219	✔ Fix Second Yellow's Red Card #402	bug		Done	Medi...	2
220	✔ Last eventId and stats not being used #270	bug live game	guilherm...	Done	Medi...	2
221	✔ Dynamic favourite club in profile page #283	club user		Done	Medi...	2
222	✔ Fix Players' Names in TimeLine #397	frontend		Done	Low	1
223	✔ Fix fail in game with unlogged user #432	game user	ruimach...	Done		
224	✔ Favorite club in league standings #423	frontend leagu	ruimach...	Done		2
225	✔ Fix Fav Team Games Card #415	enhancement	ruimach...	Done		
226	✔ Fix Search Bar hiding behind elements #407	frontend	ruimach...	Done		1
227	✔ Fix SearchBar search for clubs #406	club frontend	ruimach...	Done		2
228	✔ Refactor Flag Byte Storage #385	database refac	henrique...	Done		1
229	🔗 Fix incorrect merge decision #430	bug	guilherm...	Done		

# NEXT ITERATION BACKLOG

▼	17	15	Dec 19 - Jan 13, 2025	...						
230	🟢	Connect Game and Live Game Service #350	database	featu	guilherm...	Backlog	High	4		
231	🟢	Fix live game clock not in sync #436	bug		guilherm...	Backlog	High	2		
232	🟢	Send Events when Live Game Ends #416	feature	game	roldao04	Backlog	High	3		
▼ 233	🟢	Update .gitignore for pycache #245	refactoring		guilherm...	Backlog	High	1		
234	🟢	Popular Player Main Stats #422	database			Backlog	High	2		
235	🟢	Refactor Home Page and past Games Page #404	frontend	game		Backlog	High	2		
236	🟢	Inserir Injuries #391	database			Backlog	High	1		
237	🟢	Fixed Past Games (all appear 0-0) #382				Backlog	High	2		
238	🟢	Fix Club's Injury Status #393				Backlog	High	2		
239	🟢	Order Squads By Player's Position #386	club	frontend		Backlog	Medi...	1		
240	🟢	Improve Fronted Player Main Stats #316	enhancement			Backlog	Medi...	2		
241	🟢	Feature Request - Update Standings as Games Happen #383	feature	league		Backlog	Low	2		
242	🟡	Live Updates for stats service				Backlog				
243	🟡	Live updates for club service				Backlog				
244	🟡	Add player details				Backlog				
+		Add item								

# PROJECT DEVELOPMENT NEXT STEPS

---



Game  
Simulation



Premium  
feature



Detailed player  
information



Social media  
sharing

# DEMO

---

Video Demo



# **GAMESENSE**

Guilherme Rosa - 113968

Henrique Teixeira - 114588

João Roldão - 113920

Rui Machado - 113765