

A decorative graphic on the left side of the slide consisting of two overlapping parallelograms. The front one is blue and the back one is a light green. They are positioned diagonally, with the blue one partially covering the green one.

Game Party Finder

By:

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Table of Contents

[Slide 3: Team Bio](#)

[Slide 5: Problem Statement](#)

[Slide 6: Problem Characteristics](#)

[Slide 7: Current Process Flow](#)

[Slide 8: Solution Process Flow](#)

[Slide 9: Solution Statement](#)

[Slide 10: What Will it Do](#)

[Slide 11: What Won't it Do](#)

[Slide 12: Potential Competition](#)

[Slide 13: Development Tools](#)

[Slide 14: Major Functional Components](#)

[Slide 16: Risks](#)

[Slide 17: Monetization](#)

[Slide 18: References](#)

[Slide 19: Appendix](#)



Team Bio

Elijah Joaquim:

Major: Computer Science

Goal: Work On/Design Video Games

Hobbies: Gaming, Reading

Keyton Lanier:

He is a Computer Science Major that loves to play games and would like to try to make some games in the future.



Team Bio Cont.

Jon Fisher is a senior at Old Dominion University majoring in Computer Science and minoring in I.T. He enjoys to play video games, play the piano, and draw.

Joshua Renn is a Senior at Old Dominion University majoring in Computer Science. He currently works in the public school system in the Tech department. In his free time, he builds terrariums and is on his 30th Elden Ring playthrough.



[Picture Here]










Problem Statement

Many games encourage teamwork, but don't offer a looking for group feature. This website would help connect players based on what game they're playing, team specifications they're looking for, and other game specific criteria.



Looking For Group › tags ›

TOP LATEST  BLIZZ TRACKER  DEV TRACKER

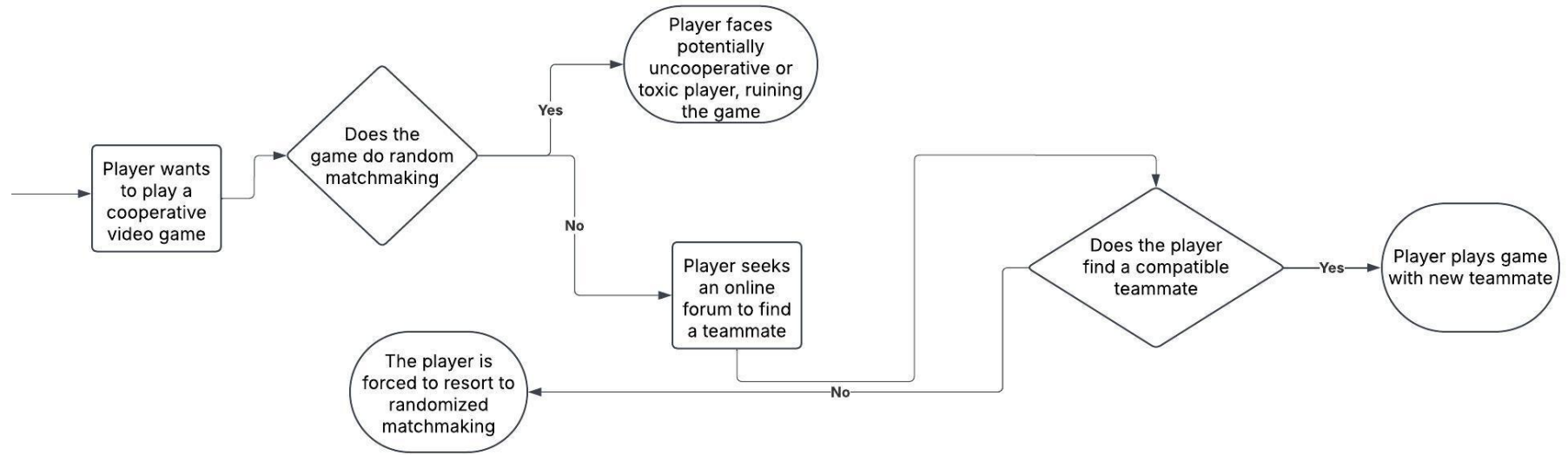
Topic	Author	Replies	Views	Activity
Looking for Sniper	ShinyHero	 1	13	12h
Older dude looking for duo	CFR	 7	122	6d
Looking for friendly players (EU)	IlJazzll	 0	23	8d
Skins disappeared from hero gallery	MorganaDrago	 0	13	9d
Looking to play for fun and good laughs	chiller76	 0	25	11d
Looking for a group/duo	Asurey	 0	31	13d
Looking for friends with mics	Spoopy4u	 4	121	18d
Looking for a team of 5	qLangu	 1	28	18d
Looking for a team	Noctaris	 0	17	18d



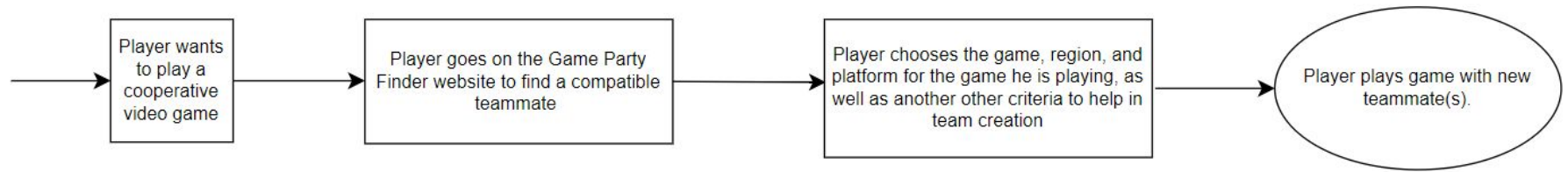
Problem Characteristics

- Some gamers complain about playing with randoms and would prefer to know who or what kind of player they are playing with.
- Gamers struggle to find other players to play cooperative games with. Examples can include team games, where a certain role isn't filled due to no one wanting to play it.
- Players struggle to find other players to help them overcome a challenge in a video game
- Sites like *Reddit* offer communities that have the option to ask for help or look for party members, but finding partners is completely dependent on someone feeling like responding to a post.

Current Process Flow



Solution Process Flow



Solution Statement

Our Game Party Finder website will solve the problem by giving gamers a place where they can search for and create parties that meet their interests and needs for a specific game.





What It Will Do

1. Sort players by game, platform, and region
2. Allow players to host parties
3. Allow players to look for parties
4. Filter parties based on game criteria to help with team creation



What It Won't Do

- It won't assign random parties
- It won't play games for you
- No AI or bot posts
- Require an account
- Won't support every game
- Install or run games
- Join the party in game
- Auto friend your party members

Potential Competition

Features	Game Finder	Reddit	Forums	Discord
Find people to play with	■	■	■	■
Host and search for party	■	■	■	■
Filters based on player interests	■	■	■	■
Dedicated to Gaming	■	■	■	■



Development Tools

- IDE: VSCode
- Version Control: Git
- Continuous Development and Deployment: Github Actions and Workflow
- Backend Language: TBA
- Frontend Language: TBA
- Testing Framework: TBA
- Documentation Tool: TBA



Major Functional Components

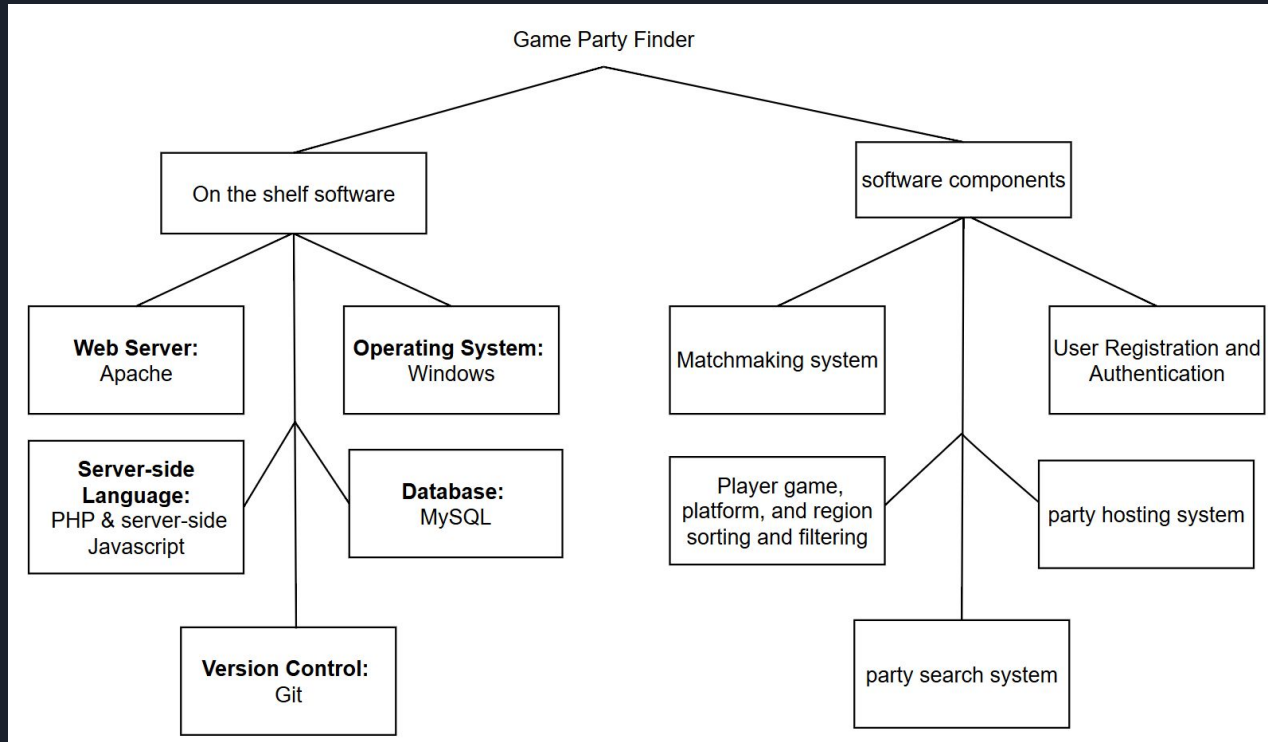
L: (operating system) Windows

A: (Web server) Apache

M: (Database) MySQL

P: (Server-side Language) Php & server-side Javascript (?)

Major Functional Components Diagram (MFCD)





Risks

Customer & End User Risks:

- Potential teammates may still present toxic behavior
- User might not be able to find a compatible teammate at the time

Technical Risks:

- Website can face unexpected downtime and maintenance periods

Security Risks:

- Data breaches can possibly happen leaking user information (including payment method if the user buys the no-advertisement package)



Monetization

- The Game Party Finder website will offer an option for the user to pay for a no advertisements subscription for their account.
- There would be non-intrusive ads for all other users



References

“Looking for Group.” *Overwatch Forums*, us.forums.blizzard.com/en/overwatch/c/looking-for-group/13. Accessed 26 Feb. 2025.

Neonkiler99. *Tom Clancy's Rainbow Six Siege Wallpaper*. 11 June 2014. *Deviant Art*, <https://www.deviantart.com/neonkiler99/art/Tom-Clancy-s-Rainbow-Six-Siege-Wallpaper-459995305>. Accessed 26 Feb. 2025.



Appendix

Looking for group: A feature in multiplayer games that allows people to find teammates before matchmaking

Matchmaking: The process of pairing players together in multiplayer games

Party: Players grouped together before matchmaking

Platform: The hardware you play a game on, such as, *PlayStation*, *Xbox*, *PC*, and *Nintendo Switch*

Randoms: Players randomly matched by the matchmaker, particularly low skilled players

Toxic: A mean or otherwise very unpleasant player or behavior