

PROJECT KAISEL

Web-application for gaming statistics and Discord bot

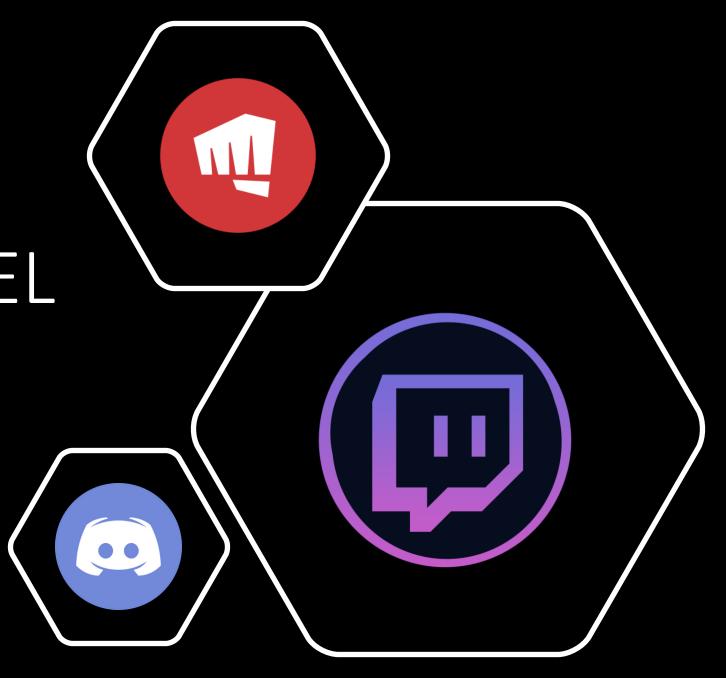


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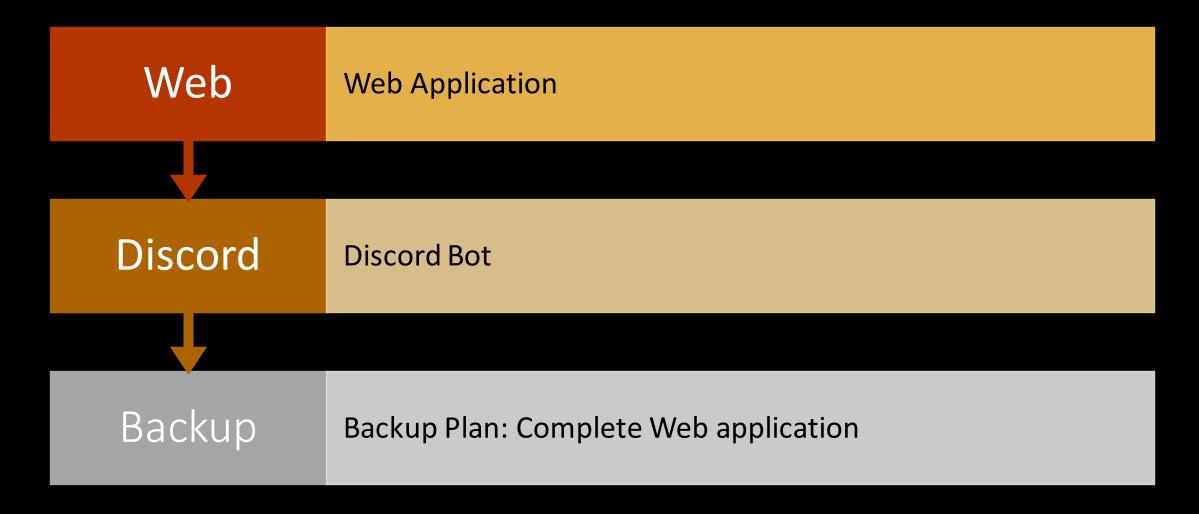
APIs chosen

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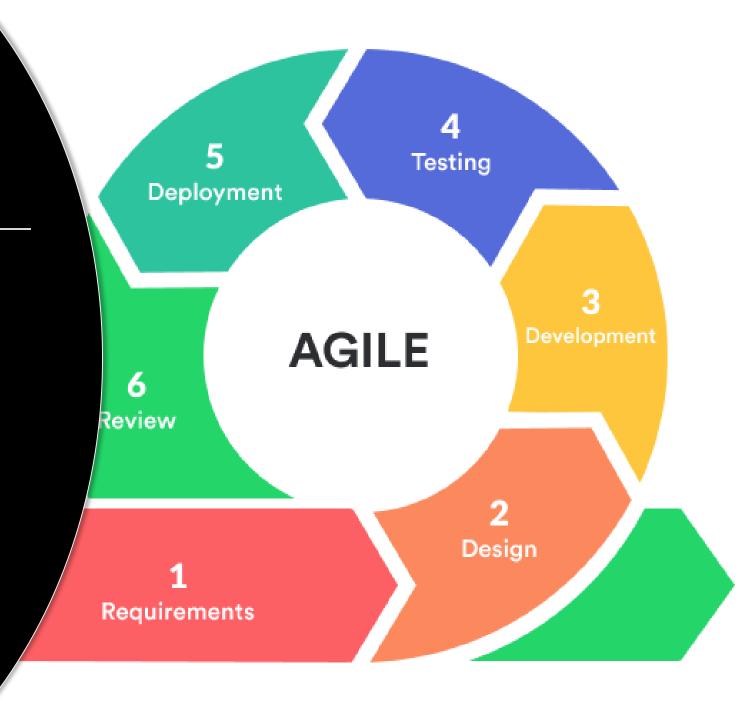
Project Overview



SDLC Chosen

Why?

- Flexible with schedules
- Flexible with project











Tech Stack

- ReactJS
- HTML/CSS/JS
- MongoDB
- NodeJS -> discord.js
- ExpressJS

APIs Chosen







Application Features: RIOT Games API

Planned Features

- Username
- Current rank
- Kill/Death/Assist ratio (K/DA)
- Win/Loss ratio
- Favorite role/champion





Application Features: Twitch API

Planned Features

- Top (1-3) streamer(s) for each game
- Current views on Twitch for game
- Allow user to search for streamers/channels playing their chosen game

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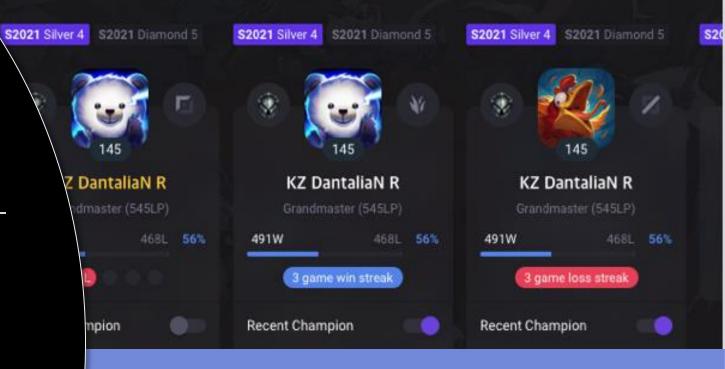




Application Features: Discord API

Planned Features (additional)

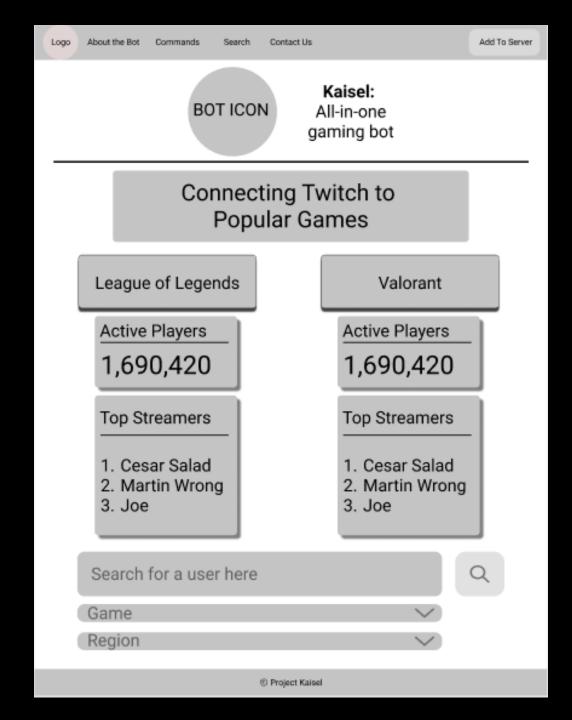
- Display stats from the riot games API
- Display Twitch streamers playing both games
- Display Custom commands





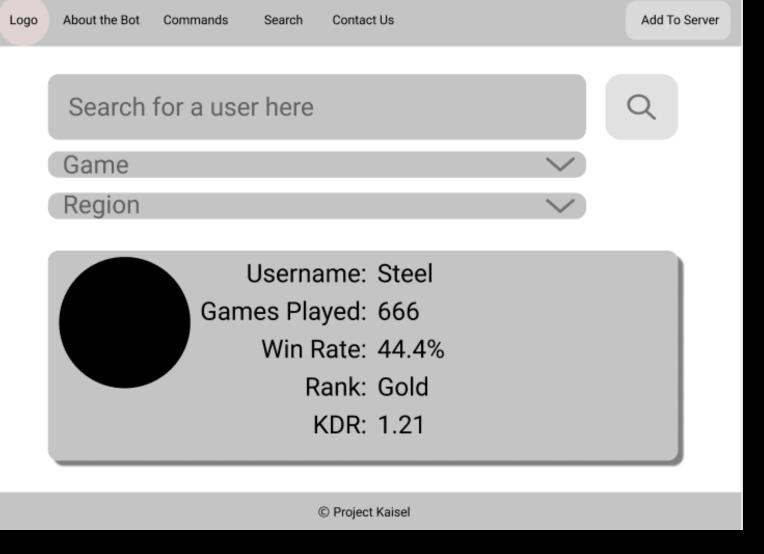
Wireframes

Home Page



Wireframes

Statistics Page



About Page

Logo About the Bot Commands Search Contact Us Add To Server

About the Bot

Kaisel is an all-purpose gaming bot that retrieves a user's video game statistics.

Features

- Displays Twitch streamers associated with their respective game
- · Game popularity can be retrieved
- · Search for your username

Add To Server

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Wireframes

Contact Page

About the Bot Commands Search Contact Us Add To Server Logo NAME NAME About me I am a person who About me I am a person who totally exists yes I am so totally exists yes I am so please get to know me. More please get to know me. More text is here with a description text is here with a description you know the like. you know the like. 0 0 0 0

> NAME About me I am a person who totally exists yes I am so please get to know me. More text is here with a description you know the like.



NAME About me I am a person who totally exists yes I am so please get to know me. More text is here with a description you know the like.





High-Level Data Flow Diagram

Level 0 Data Flow Diagram Search Bar Navigation Bar Is the Page exists? 404 not found ussername valid? Player not found Update stats? Check if user already in db respond with an About page Commands page Contact page actual user? Database Display users stats Date base Yes Make a request to Was the League/Valorant username found in API the db?



Questions?