

# User Manual

CSE 412 Final Project

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YouTube Link: <https://youtu.be/02ZSLztDy9k>

GitHub Link: <https://github.com/atmorga3/CSE412FinalProject>

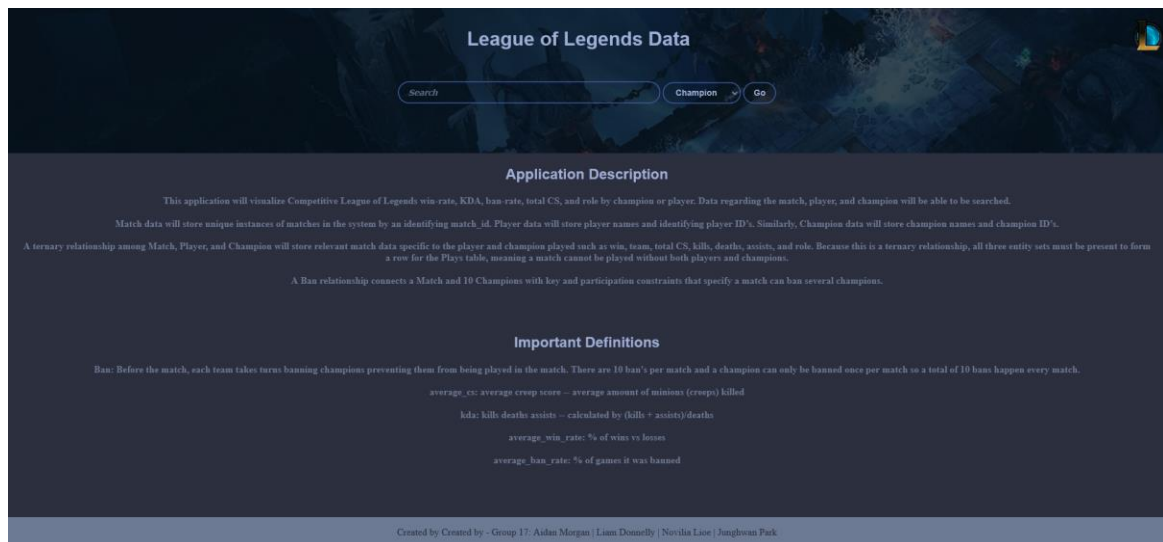
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## Pages

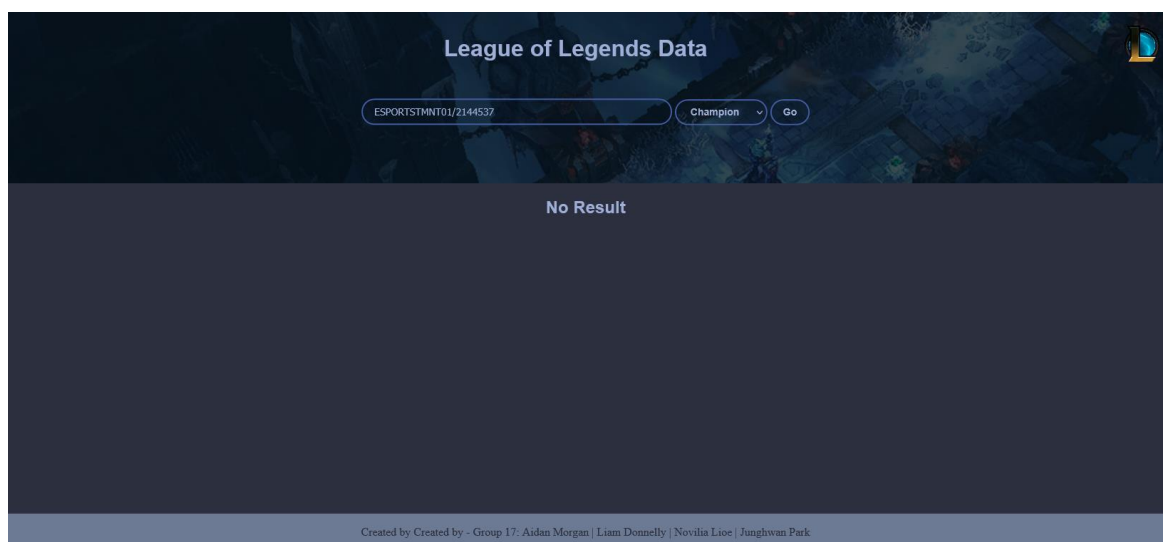
### Home Page

The home page is accessible anywhere on the website by clicking the “League of Legends Data” title. It allows users to search the database as well as read explanations for League of Legends related terminology or content like “CS” or “KDA.”



### Results Page

The results page displays the user's requested data in table format while still allowing the user to perform more searches. If no result could be found, then the results page will display a text stating “No Result.”

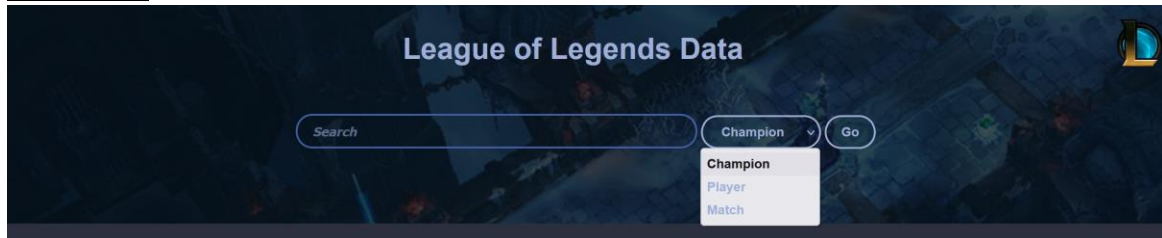


## Searching

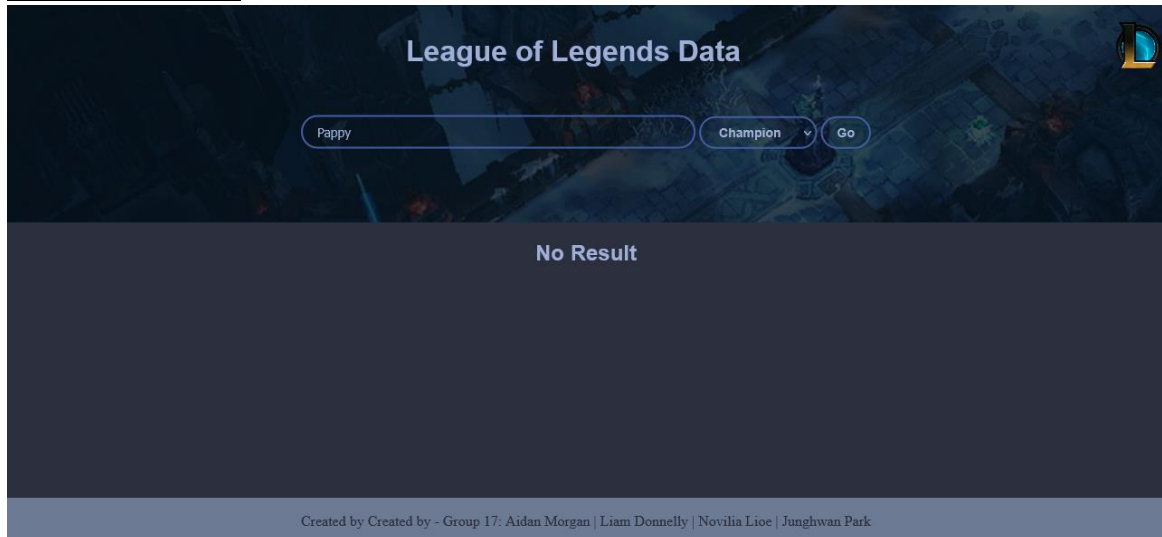
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Each search is categorized under one of three categories: champion, player, and match. Each category can be selected from the drop-down menu located next to the search bar. Any search that cannot be found will return with “No Result.”

### Search Bar



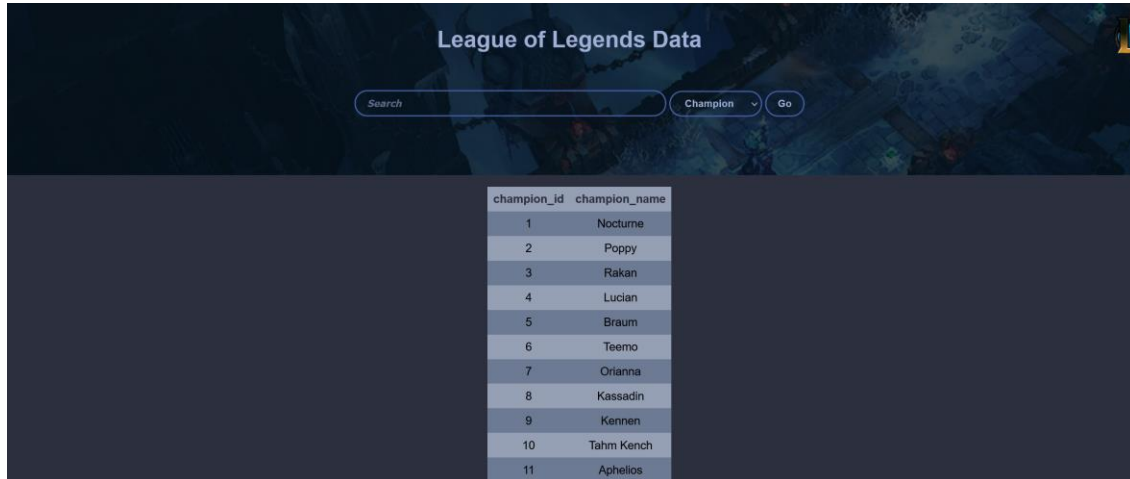
### Search Not Found



## Champion Search

Users can select the “Champion” category from the drop-down menu and enter a champion identification number or champion name to search for relevant data regarding that champion, which includes average CS, average KDA, average win rate, and average ban rate. Leaving the search bar empty with the “Champion” drop-down option selected and searching will result in a table of champion identification numbers and names that can be used as a reference if users are not familiar with champions.

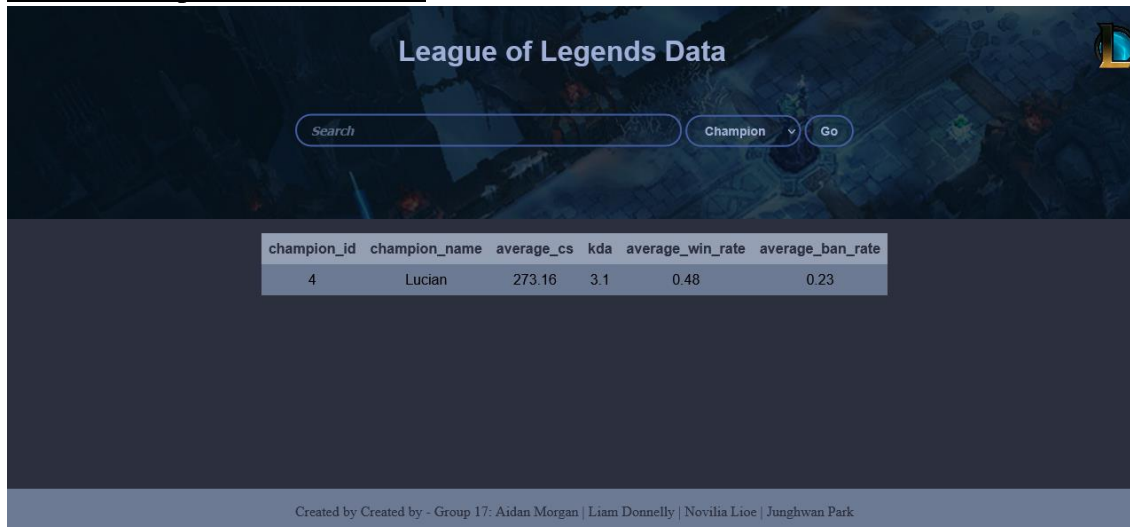
### Search all Champion



The screenshot shows a web application titled "League of Legends Data". It features a search bar with the placeholder text "Search", a dropdown menu currently set to "Champion", and a "Go" button. Below the search bar, a table displays a list of champions with their IDs and names.

champion_id	champion_name
1	Nocturne
2	Poppy
3	Rakan
4	Lucian
5	Braum
6	Teemo
7	Orianna
8	Kassadin
9	Kennen
10	Tahm Kench
11	Aphelios

### Search Champion Name: Lucian



The screenshot shows the same web application as before, but now the search bar is empty and the dropdown menu is still set to "Champion". The "Go" button has been clicked, resulting in a table showing search results for the champion Lucian.

champion_id	champion_name	average_cs	kda	average_win_rate	average_ban_rate
4	Lucian	273.16	3.1	0.48	0.23

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## Player Search

Like champions, players can be searched by their player identification number or player name. Searches for specific players will return a table of all matches they have played in within the records of the database and statistics on average win rate, CS, and KDA. User can use the returned data to further search for specific matches they are interested in. Leaving the search bar empty with the “Player” drop-down option selected and searching will result in a table of player identification numbers and names that can be used as a reference if users are not familiar with players.

### Search all Player

### League of Legends Data

Player

Go

player_id	player_name
1	Wojtuś
2	Meech
3	Illima
4	Yaharong
5	Yin
6	Acce
7	Divine
8	Phenix
9	Titelto
10	Swordblue
11	Charger1
12	NooB

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### Search Player Name: Yaharong

### League of Legends Data

Player

Go

Average Win Rate: 0.42

Average CS: 279.08

Average KDA: 4.41

match_id	player_name	champion_name	total_cs	kills	deaths	assists	role	team	result	game_length	date
ESPORTSTMNT01/1883205	Yaharong	Orianna	279	6	1	8	mid	Fredit BRION	1	32	2021-03-04 11:02:00
ESPORTSTMNT01/1883256	Yaharong	Azir	331	4	0	7	mid	Fredit BRION	1	36	2021-03-04 12:44:00
ESPORTSTMNT01/1885059	Yaharong	Zoe	281	2	3	7	mid	Fredit BRION	0	34	2021-03-07 07:09:00
ESPORTSTMNT01/1885092	Yaharong	Orianna	290	1	2	8	mid	Fredit BRION	0	34	2021-03-07 08:41:00
ESPORTSTMNT01/1886731	Yaharong	Viktor	306	3	2	5	mid	Fredit BRION	0	36	2021-03-11 07:35:00
ESPORTSTMNT01/1887206	Yaharong	Seraphine	283	4	1	7	mid	Fredit BRION	1	29	2021-03-13 09:39:00
ESPORTSTMNT01/1887241	Yaharong	Syndra	255	5	2	7	mid	Fredit BRION	1	31	2021-03-13 11:15:00
ESPORTSTMNT02/1736216	Yaharong	Syndra	234	0	2	1	mid	Fredit BRION	0	28	2021-03-25 05:32:00
ESPORTSTMNT02/1736240	Yaharong	Azir	209	1	4	3	mid	Fredit BRION	0	25	2021-03-25 08:39:00
ESPORTSTMNT02/2067487	Yaharong	Renekton	197	2	4	1	mid	Fredit BRION	0	27	2021-07-31 06:02:00
ESPORTSTMNT02/2076383	Yaharong	LeBlanc	321	6	0	7	mid	Fredit BRION	1	40	2021-07-25 12:37:00
ESPORTSTMNT02/2076419	Yaharong	Orianna	363	1	1	1	mid	Fredit BRION	0	39	2021-07-25 13:41:00

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## Match Search

Matches can be searched by their match identification numbers. Match identification numbers can easily be found through a player search (described under “Player Search” of the user manual) or by leaving the search bar empty and searching with the “Match” drop-down option selected to reveal a table of match identification numbers. Searching for a specific match will return match information for each of the ten players such as what champion and role they played.

### Search all Match

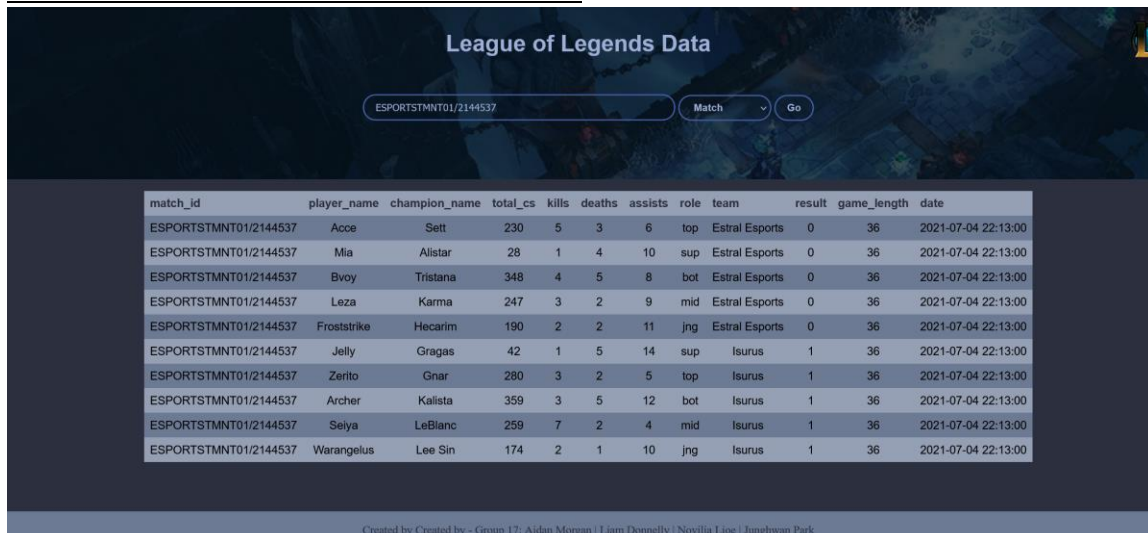


The screenshot shows the "League of Legends Data" search interface. At the top, there is a search bar with the text "Search", a dropdown menu set to "Match", and a "Go" button. Below the search bar, a table displays a list of match IDs and their corresponding game lengths and dates. The table has three columns: match\_id, game\_length, and date.

match_id	game_length	date
ESPORTSTMNT01/2147154	2184	2021-07-09 09:41:00
7746-10557	1920	2021-06-26 11:26:00
ESPORTSTMNT06/1580463	2101	2021-02-16 17:26:00
ESPORTSTMNT01/2144537	2201	2021-07-04 22:13:00
ESPORTSTMNT01/1894045	1621	2021-03-05 19:37:00
ESPORTSTMNT02/1721141	1690	2021-03-11 22:28:00
ESPORTSTMNT03/1684115	1890	2021-01-26 21:57:00
ESPORTSTMNT02/1686334	1969	2021-02-06 22:23:00
ESPORTSTMNT02/1694259	1670	2021-02-03 20:45:00
ESPORTSTMNT06/1690261	1894	2021-03-29 19:15:00
ESPORTSTMNT03/2072202	1924	2021-07-31 20:07:00
7649-10571	1892	2021-06-27 09:16:00
7764-10623	1626	2021-06-30 11:27:00
7091-9633	1907	2021-02-25 06:09:00
7804-10752	2422	2021-07-08 08:02:00
ESPORTSTMNT02/2062846	2317	2021-07-17 18:44:00

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### Search Match: ESPORTSTMNT01/2144537



The screenshot shows the "League of Legends Data" search interface with the search bar containing "ESPORTSTMNT01/2144537". The dropdown menu is set to "Match" and the "Go" button is visible. Below the search bar, a table displays player statistics for the selected match. The table has columns: match\_id, player\_name, champion\_name, total\_cs, kills, deaths, assists, role, team, result, game\_length, and date.

match_id	player_name	champion_name	total_cs	kills	deaths	assists	role	team	result	game_length	date
ESPORTSTMNT01/2144537	Acce	Seltt	230	5	3	6	top	Estral Esports	0	36	2021-07-04 22:13:00
ESPORTSTMNT01/2144537	Mia	Alistar	28	1	4	10	sup	Estral Esports	0	36	2021-07-04 22:13:00
ESPORTSTMNT01/2144537	Bvoy	Tristana	348	4	5	8	bot	Estral Esports	0	36	2021-07-04 22:13:00
ESPORTSTMNT01/2144537	Leza	Karma	247	3	2	9	mid	Estral Esports	0	36	2021-07-04 22:13:00
ESPORTSTMNT01/2144537	Froststrike	Hecarim	190	2	2	11	jng	Estral Esports	0	36	2021-07-04 22:13:00
ESPORTSTMNT01/2144537	Jelly	Gragas	42	1	5	14	sup	Isurus	1	36	2021-07-04 22:13:00
ESPORTSTMNT01/2144537	Zerito	Gnar	280	3	2	5	top	Isurus	1	36	2021-07-04 22:13:00
ESPORTSTMNT01/2144537	Archer	Kalista	359	3	5	12	bot	Isurus	1	36	2021-07-04 22:13:00
ESPORTSTMNT01/2144537	Seiya	LeBlanc	259	7	2	4	mid	Isurus	1	36	2021-07-04 22:13:00
ESPORTSTMNT01/2144537	Warangelus	Lee Sin	174	2	1	10	jng	Isurus	1	36	2021-07-04 22:13:00

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