

Project Step 6

Group 95: Mikasa Hackerman

Team: Eli Mills, Na Kim

Project Title: "Gametyme"

Website URL: <http://flip3.engr.oregonstate.edu:9501/>

Executive Summary

Since the initial version of our project, we have made a lot of changes as we further developed our application as well as from feedback we received from classmates. From the earlier feedback we received, we made many minor changes such as fixed inconsistencies in naming attributes and entity conventions as well as adding more attributes in Companies and Platforms entities due to these Entities lacking in attributes. In addition, to normalize the tables to 3NF, two additional tables were added. The tables Locations and GamesPlatforms were added to make it easier to reference to the Platforms and Companies tables. While working on the schema, we also decided to update the ON DELETE requirements for all foreign keys in the following tables: Playthroughs, Sessions, Games, Companies, and Platforms.

While further developing the front end of our project, we realized that some of our pages were user-focused rather than admin-focused, thus we had to make additional adjustments to remove user-focused forms such as sign up/login/profile page as well as some queries. Furthermore, the GamesPlatforms intersection table was not being implemented in the UI, so we added the appropriate queries to associate Games with their Platforms. To implement filtering logic in our SQL queries, we initially implemented a search bar on the Games and Users page in the UI and DML queries. However due to time constraints, we removed the search bar feature and replaced it with select dropdowns in forms. We implemented select dynamically populated dropdown menus for Genre, Platforms, Companies, Games, and Playthroughs add/edit CRUD forms in both the UI and SQL queries. In addition, we decided to add filters for our Games page where users can filter by Genre/Company/Platform easily which was then implemented in our UI and queries. To accommodate these changes on the front-end, we enabled MySQL to handle multiple queries at once and had DELETE statements require all attributes to match to prevent accidental deletion.

From the last feedback we received from peers, we received suggestions to add a deletion confirmation pop up that confirms if a user wants to delete a row as well as to have edit forms autofill in the input field. Thus we have made the appropriate changes by having edit forms be prefilled as well as a delete confirmation modal box implemented. While debugging our final draft of our project, we came upon a possible bug where a user may click the "finished playthrough" or "end session" button when the playthrough/session was already completed. To prevent users from running into any errors or crashing our backend, we added a fix to hide the buttons. We have also added basic special character escaping for all text input as an attempt to mitigate SQL injection.

Project Outline

I) Overview:

Gametyme is a database-driven website which provides gamers a platform to track the video games they have played along with their gameplay hours and number of playthroughs. There are over 5 million games in the world, many with their own competitive circles and dedicated fan bases in which tracking the number and duration of playthroughs can be just as important as the game itself!

Gametyme makes it easier for gamers to keep track of the games they play as well as how long each playthrough takes. Gametyme has a large database of 1 million videogames and can support up to 500,000 users. To use our platform, users can simply search for a video game and start a new playthrough. As they make progress on their playthroughs, users can then report their hours by logging new sessions.

For pro members, Gametyme can be used to generate charts, trends, and analytical insights into their performance, which can be especially useful for those in the competitive speedrunning community. Gametyme also aims to foster a supportive gaming community by allowing users to view other users' lists and check out their stats!

II) Database Outline:

- a) **Users:** Records the details of Users who have created an account and have logged in games & gameplay hours
 - i) user_id: INT, auto_increment, unique, not NULL, PK
 - ii) first_name: VARCHAR(45), not NULL
 - iii) last_name: VARCHAR(45), not NULL
 - iv) username: VARCHAR(45), not NULL
 - v) email: VARCHAR(45), not NULL
 - vi) **Relationship:**
 - 1) A 1:M relationship between Users and Playthroughs is implemented with user_id inside of Playthroughs. Users can log multiple Playthroughs, and each Playthrough can only have one User.

b) **Games:** Records the details of games that users can track hours for or have played

- i) game_id: INT, auto_increment, unique, not NULL, PK
- ii) game_title: VARCHAR(100), not NULL
- iii) game_summary: VARCHAR(1000)
- iv) release_date: DATE
- v) company_id : INT, FK
- vi) genre_id: INT, FK

vii) **Relationship:**

- 1) A M:1 relationship between Games and Genres where genre_id from Genres is implemented as a FK in Games. Genres can have multiple Games, but Games will be limited to one Genre.
- 2) A 1:M relationship between Games and Playthroughs is implemented with game_id inside of Playthroughs as a FK.
- 3) A M:1 relationship between Games and Companies where company_id from Companies is implemented as a FK in Games. A Company can have produced multiple games, but a Game can only be produced by one Company
- 4) A M:M relationship between Games and Platforms which is established through an intersection table named GamesPlatforms. GamesPlatforms will contain both game_id and platform_id as foreign keys. Games are available on multiple Platforms, and many different games can be available on the same Platform.

c) **Playthroughs:** Created when a User starts a new Playthrough of a Game. Used to track which Games a User has played, when they've started and finished a Game, how many times they've played it, and how many hours they've played it (by summing Session lengths).

- i) playthrough_id: INT, auto_increment, unique, not NULL, PK
- ii) start_timestamp: TIMESTAMP, not NULL
- iii) finish_timestamp: TIMESTAMP
- iv) user_id: INT, FK, not NULL
- v) game_id: INT, FK

vi) **Relationships:**

- 1) A M:1 relationship between Playthroughs and Users where user_id from Users is implemented as a FK in Playthroughs. Users can start multiple Playthroughs, but each Playthrough is only associated with one User.
- 2) A M:1 relationship between Playthroughs and Games where game_id from Games is implemented as a FK in Playthroughs.

There can be multiple Playthroughs for the same Game, but only one Game per Playthrough.

- 3) A 1:M relationship between Playthroughs and Sessions where `playthrough_id` from Playthroughs is implemented as a FK in Sessions. A Playthrough can be divided across multiple Sessions, but each Session can only be for one Playthrough.
- d) **Sessions:** Created whenever a User logs a new session for a particular Playthrough. Records the corresponding Playthrough, the start date and time, and eventually the finish date and time.
 - i) `session_id`: INT, auto_increment, unique, not NULL, PK
 - ii) `session_start`: TIMESTAMP, not NULL
 - iii) `session_end`: TIMESTAMP
 - iv) `playthrough_id`: INT, FK, not NULL
 - v) **Relationship:**
 - 1) A M:1 relationship between Sessions and Playthroughs where `playthrough_id` from Playthroughs is a FK in Sessions. The M:1 relationship between Sessions and Playthroughs is implemented and established through an intersection table. Playthroughs can be divided into multiple Sessions, but each Session can only belong to one Playthrough.
- e) **Genres:** Category entity listing possible genres for Games.
 - i) `genre_id`: INT, auto_increment, unique, not NULL, PK
 - ii) `genre_name`: VARCHAR(45), not NULL
 - iii) **Relationship:**
 - 1) A 1:M relationship between Genres and Games. Games can only be one Genre, but the same Genre can be used for multiple Games.
- f) **Companies:** Records the information about each game development studio.
 - i) `company_id`: INT, auto_increment, unique, not NULL, PK
 - ii) `company_name`: VARCHAR(100), not NULL
 - iii) `location_id`: VARCHAR(45), FK
 - iv) **Relationship:**
 - 1) A 1:M relationship between Companies and Games. A Company can produce multiple Games.
 - 2) A M:1 relationship between Companies and Locations where `location_id` from Locations is used as a FK in Companies. There

are multiple game companies, but each company has one location for their headquarters.

g) **Platforms:** Category entity listing possible gaming platforms.

i) platform_id: INT, auto_increment, unique, not NULL, PK

ii) platform_name: VARCHAR(45), not NULL

iii) company_id: VARCHAR(45), FK

iv) **Relationship:**

1) A M:M relationship between Platforms and Games which is established through an intersection table named GamesPlatforms. GamesPlatforms will contain both game_id and platform_id as foreign keys. Games can be on multiple platforms, and the same Platform can be associated with many different Games.

2) A M:1 relationship between Platforms and Companies, where company_id from Companies is used as a FK in Platforms. A single Company can create many different Platforms, but a given Platform must only belong to a single Company.

h) **Locations:** Category entity listing the locations of game companies.

i) location_id :INT, not NULL, AUTO INCREMENT, unique, PK

ii) city: VARCHAR(45), not NULL

iii) state: VARCHAR(45)

iv) country : VARCHAR(45), not NULL

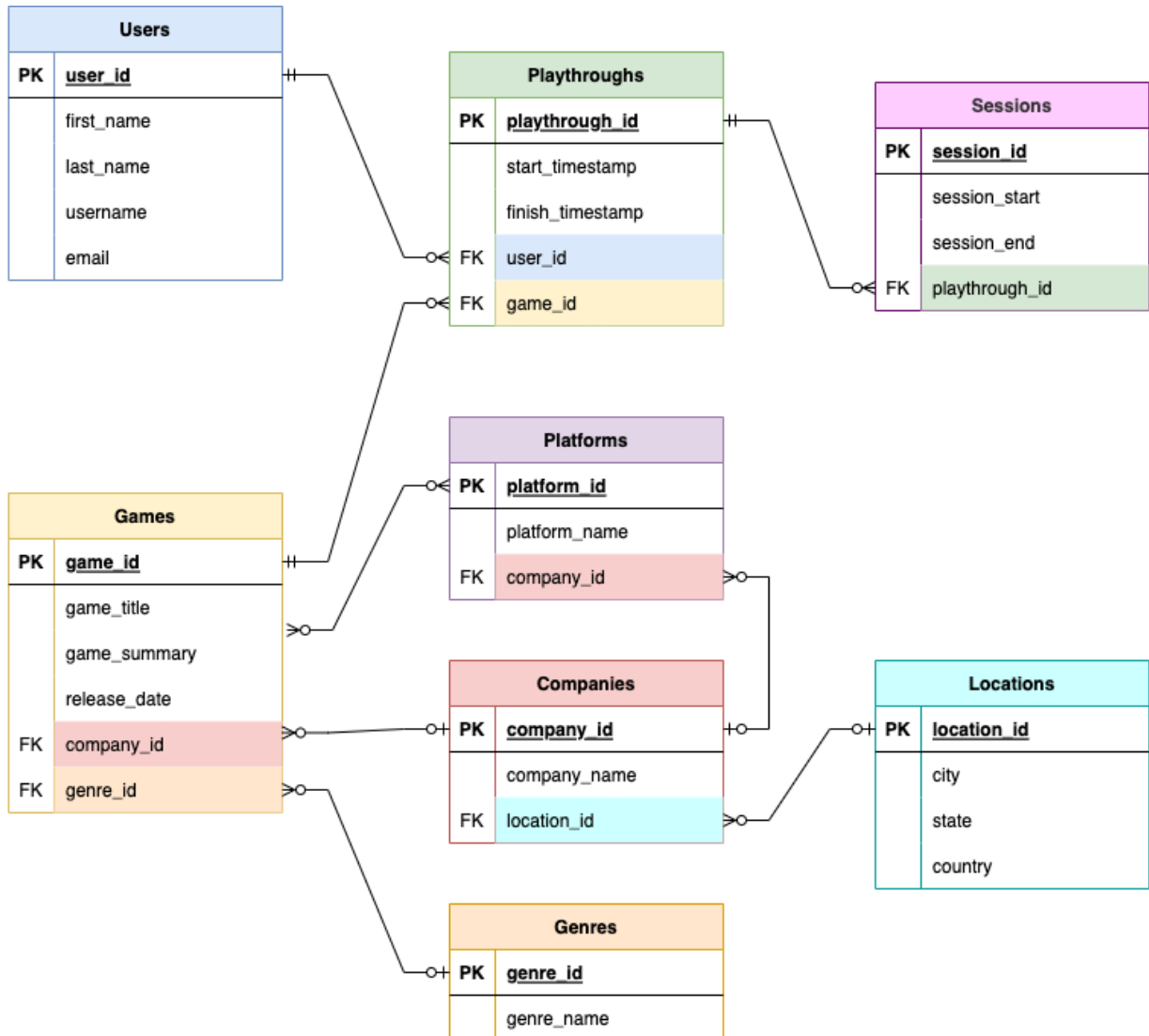
v) **Relationship:**

1) A 1:M relationship between Locations and Companies where location_id from Locations is used as a FK in Companies. There are multiple game companies, but each company has one location for their headquarters.

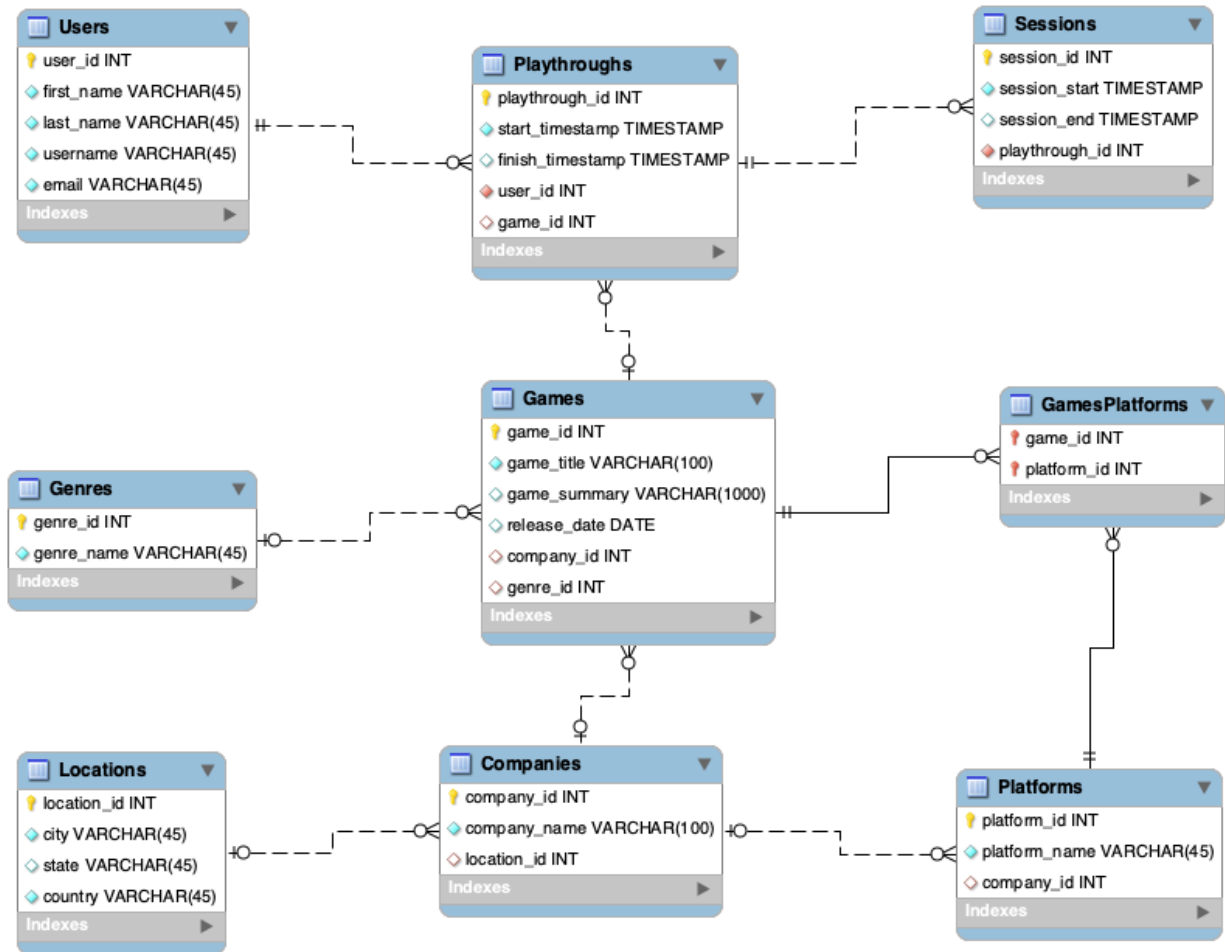
Entity Table Assignments:

- Eli Mills - Genres, Companies, Platforms, Locations
- Na Kim - Users, Games, Playthroughs, Sessions

III) Entity-Relationship Diagram



IV) Schema



V) Example Data

Users

user_id	first_name	last_name	username	email
1	Eren	Yeager	Titan	fightme@gmail.com
2	Mikasa	Ackerman	Erennn	ackerman@gmail.com
3	Link	Zelda	Korok	zelda@gmail.com

Games

game_id	game_title	game_summary	release_date	company_id	genre_id
1	Elden Ring	This is an open world dark souls like game where you also die a lot	2022-02-25	1	1
2	The Legend of Zelda: Breath of the Wild	This is an open world Zelda game where you hunt koroks	2017-03-03	2	2
3	Overwatch	This is a multiplayer shooting game where everyone needs healing too much	2016-05-24	3	3

Playthroughs

playthrough_id	start_timestamp	finish_timestamp	user_id	game_id
1	2022-01-04 02:15:01	NULL	1	1
2	2021-11-01 01:30:40	2022-01-12 10:24:10	2	3
3	2020-05-20 04:20:32	2020-12-01 10:02:01	3	2

Sessions

session_id	session_start	session_end	playthrough_id
1	2020-12-11 11:01:03	2020-12-11 21:01:03	3
2	2022-02-01 02:02:13	2022-02-01 03:02:13	2
3	2022-04-11 05:09:23	2022-04-11 10:09:23	1

Genres

genre_id	genre_name
1	action
2	adventure
3	shooter

Companies

company_id	company_name	location_id
3	Blizzard	3
1	FromSoftware	1
5	Microsoft	4
2	Nintendo	2
4	Sony	1

Platforms

platform_id	platform_name	company_id
1	Switch	2
2	PC	5
3	Playstation 4	4
4	Playstation 5	4
5	Xbox One	5
6	Xbox Series X S	5

Locations

location_id	city	state	country
1	Tokyo	NULL	Japan
2	Kyoto	NULL	Japan
3	Irvine	California	United States
4	Redmond	Washington	United States





GamesPlatforms

game_id	platform_id
1	2
1	3
1	4
1	5
1	6
2	1
3	1
3	2
3	3
3	5

VI) Screen Captures

Games

[READ/BROWSE/DISPLAY Games Page](#)

<div> Games Genres Companies Platforms Locations Playthroughs Users</div>								
Games								
<div>Add New Game</div>								
Game ID	Game Title	Game Summary	Release Date	Company	Genre	Platforms		
1	Elden Ring	This is an open world dark souls like game where you also die a lot	Feb 25, 2022	FromSoftware	action	PC, Playstation 4, Playstation 5, Xbox One, Xbox Series X S		×
2	The Legend of Zelda: Breath of the Wild	This is an open world zelda game where you hunt koroks	Mar 03, 2017	Nintendo	adventure	Switch		×
3	Overwatch	This is a multiplayer shooting game where everyone needs healing too much	May 24, 2016	Blizzard	shooter	PC, Playstation 4, Switch, Xbox One		×

CREATE/INSERT/ADD NEW Game Page



Games Genres Companies Platforms Locations Playthroughs Users

Games

Add New Game

Game ID	Game Title	Game Summary	Release Date	Company	Genre	Platforms		
1	Elden Ring	This is an open world dark souls like game where you also die a lot	Feb 25, 2022	FromSoftware	action	PC, Playstation 4, Playstation 5, Xbox One, Xbox Series X S		×
2	The Legend of Zelda: Breath of the Wild	This is an open world zelda game where you hunt koroks	Mar 03, 2017	Nintendo	adventure	Switch		×
3	Overwatch	This is a multiplayer shooting game where everyone needs healing too much	May 24, 2016	Blizzard	shooter	PC, Playstation 4, Switch, Xbox One		×

Add a New Game

Game:

Game Summary:

Release Date:

mm/dd/yyyy

Company Name:

Select a company


Genre:

Select a genre

Platform: ☐ Switch ☐ PC ☐ Playstation 4 ☐ Playstation 5 ☐ Xbox One ☐ Xbox Series X|S

Add GameCancel

EDIT/UPDATE Game Page



Games

Genres

Companies

Platforms




Locations

Playthroughs

Users

Games

Add New Game

Game ID	Game Title	Game Summary	Release Date	Company	Genre	Platforms		
1	Elden Ring	This is an open world dark souls like game where you also die a lot	Feb 25, 2022	FromSoftware	action	PC, Playstation 4, Playstation 5, Xbox One, Xbox Series X S		×
2	The Legend of Zelda: Breath of the Wild	This is an open world zelda game where you hunt koroks	Mar 03, 2017	Nintendo	adventure	Switch		×
3	Overwatch	This is a multiplayer shooting game where everyone needs healing too much	May 24, 2016	Blizzard	shooter	PC, Playstation 4, Switch, Xbox One		×

Edit Game

Game:

Elden Ring

Game Summary:

This is an open world dark souls like game where

Release Date:

02/25/2022

Game Company:

FromSoftware

Game Genre:

action

Game Platforms:

☐ Switch

☒ PC

☒ Playstation 4

☒ Playstation 5


☒ Xbox One

☒ Xbox Series X|S

Edit Game

Cancel




DELETE Game Page

GameTyme

Games Genres Companies Platforms Locations Playthroughs Users

Games

Add New Game

Game ID	Game Title	Game Summary	Release Date	Company	Genre	Platforms		
1	Elden Ring	This is an open world dark souls like game where you also die a lot	Feb 25, 2022	FromSoftware	action	PC, Playstation 4, Playstation 5, Xbox One, Xbox Series X S		×
2	The Legend of Zelda: Breath of the Wild	This is an open world zelda game where you hunt koroks	Mar 03, 2017	Nintendo	adventure	Switch		×
3	Overwatch	This is a multiplayer shooting game where everyone needs healing too much	May 24, 2016	Blizzard	shooter	PC, Playstation 4, Switch, Xbox One		×

Delete Game

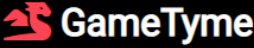
Are you sure you want to delete this Game?

Delete Game

Cancel

Genres




READ/BROWSE/DISPLAY Genres Page




GamesGenresCompaniesPlatformsLocationsPlaythroughsUsers

Genres

Add New Genre

Genre ID	Genre Name		
1	action		×
2	adventure		×
3	shooter		×




CREATE/INSERT/ADD NEW Genre Page



GamesGenresCompaniesPlatformsLocationsPlaythroughsUsers

Genres

Add New Genre


Genre ID	Genre Name		
1	action		×
2	adventure		×
3	shooter		×

Add a New Genre

Genre Name:

Add GenreCancel




EDIT/UPDATE Genre Page



GamesGenresCompaniesPlatformsLocationsPlaythroughsUsers

Genres

Add New Genre

Genre ID	Genre Name		
1	action		×
2	adventure		×
3	shooter		×


Edit Genre

Edit Genre Name:

action

SubmitCancel




DELETE Genre Page



GamesGenresCompaniesPlatformsLocationsPlaythroughsUsers

Genres

Add New Genre

Genre ID	Genre Name		
1	action		×
2	adventure		×
3	shooter		×

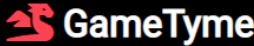
Delete Genre

Are you sure you want to delete this Genre?

DeleteCancel

Companies

READ/BROWSE/DISPLAY Companies Page



Games

Genres

Companies

Platforms






Locations

Playthroughs


Users

Companies

Add New Company

Company ID	Company Name	Location		
1	FromSoftware	Tokyo, Japan		×
2	Nintendo	Kyoto, Japan		×
3	Blizzard	Irvine, California, United States		×
4	Sony	Tokyo, Japan		×
5	Microsoft	Redmond, Washington, United States		×

CREATE/INSERT/ADD NEW Companies Page



Games

Genres

Companies

Platforms






Locations

Playthroughs

Users

Companies

Add New Company

Company ID	Company Name	Location		
1	FromSoftware	Tokyo, Japan		×
2	Nintendo	Kyoto, Japan		×
3	Blizzard	Irvine, California, United States		×
4	Sony	Tokyo, Japan		×
5	Microsoft	Redmond, Washington, United States		×

Add a New Company

Company Name:

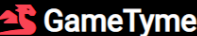
Location:

Tokyo, Japan

Add Company

Cancel






EDIT/UPDATE Companies Page



Games Genres Companies Platforms Locations Playthroughs Users

Companies

Add New Company

Company ID	Company Name	Location		
1	FromSoftware	Tokyo, Japan		×
2	Nintendo	Kyoto, Japan		×
3	Blizzard	Irvine, California, United States		×
4	Sony	Tokyo, Japan		×
5	Microsoft	Redmond, Washington, United States		×

Edit Company

Edit Company Name:

FromSoftware


Edit Company Location:

Tokyo, Japan

Edit Company

Cancel






DELETE Companies Page



Games Genres Companies Platforms Locations Playthroughs Users

Companies

Add New Company

Company ID	Company Name	Location		
1	FromSoftware	Tokyo, Japan		×
2	Nintendo	Kyoto, Japan		×
3	Blizzard	Irvine, California, United States		×
4	Sony	Tokyo, Japan		×
5	Microsoft	Redmond, Washington, United States		×

Delete Company

Are you sure you want to delete this Company?

Delete Company

Cancel

Platforms

READ/BROWSE/DISPLAY Platforms Page

GameTyme

GamesGenresCompaniesPlatformsLocationsPlaythroughsUsers

Platforms

Add New Platform

Platform ID	Platform Name	Company		
1	Switch	Nintendo		x
2	PC	Microsoft		x
3	Playstation 4	Sony		x
4	Playstation 5	Sony		x
5	Xbox One	Microsoft		x
6	Xbox Series X S	Microsoft		x

CREATE/INSERT/ADD NEW Platforms Page

GameTyme

GamesGenresCompaniesPlatformsLocationsPlaythroughsUsers

Platforms

Add New Platform

Platform ID	Platform Name	Company		
1	Switch	Nintendo		x
2	PC	Microsoft		x
3	Playstation 4	Sony		x
4	Playstation 5	Sony		x
5	Xbox One	Microsoft		x
6	Xbox Series X S	Microsoft		x

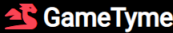
Add a New Platform

Platform Name:Company Name:

FromSoftware

Add PlatformCancel







EDIT/UPDATE Platforms Page



GamesGenresCompaniesPlatformsLocationsPlaythroughsUsers

Platforms

Add New Platform

Platform ID	Platform Name	Company		
1	Switch	Nintendo		×
2	PC	Microsoft		×
3	Playstation 4	Sony		×
4	Playstation 5	Sony		×
5	Xbox One	Microsoft		×
6	Xbox Series X S	Microsoft		×

Edit Platform

Platform ID: Platform Name:

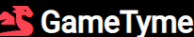
Switch

Company Name:

Nintendo

Edit PlatformCancel







DELETE Platforms Page



GamesGenresCompaniesPlatformsLocationsPlaythroughsUsers

Platforms

Add New Platform

Platform ID	Platform Name	Company		
1	Switch	Nintendo		×
2	PC	Microsoft		×
3	Playstation 4	Sony		×
4	Playstation 5	Sony		×
5	Xbox One	Microsoft		×
6	Xbox Series X S	Microsoft		×


Delete Platform

Are you sure you want to delete this Platform?

Delete PlatformCancel

Locations








READ/BROWSE/DISPLAY Locations Page



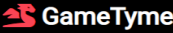
Games Genres Companies Platforms Locations Playthroughs Users

Locations

Add New Location

Location ID	City	State	Country		
1	Tokyo		Japan		×
2	Kyoto		Japan		×
3	Irvine	California	United States		×
5	Los Angeles	California	United States		×
9	Seattle	Washington	United States		×
10	New York City	New York	United States		×
11	Bellevue	Washington	United States		×








CREATE/INSERT/ADD NEW Locations Page



Games Genres Companies Platforms Locations Playthroughs Users

Locations

Add New Location

Location ID	City	State	Country		
1	Tokyo		Japan		×
2	Kyoto		Japan		×
3	Irvine	California	United States		×
5	Los Angeles	California	United States		×
9	Seattle	Washington	United States		×
10	New York City	New York	United States		×
11	Bellevue	Washington	United States		×

Add a New Location

City:


State:

Country:

Add Location

Cancel















EDIT/UPDATE Locations Page



GamesGenresCompaniesPlatformsLocationsPlaythroughsUsers

Locations

Add New Location

Location ID	City	State	Country		
1	Tokyo		Japan		
2	Kyoto		Japan		
3	Irvine	California	United States		
5	Los Angeles	California	United States		
9	Seattle	Washington	United States		
10	New York City	New York	United States		
11	Bellevue	Washington	United States		

Edit Location

Edit City Name:

Irvine

Edit State:

California

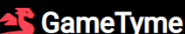
Edit Country:

United States

Submit

Cancel















DELETE Locations Page



GamesGenresCompaniesPlatformsLocationsPlaythroughsUsers

Locations

Add New Location

Location ID	City	State	Country		
1	Tokyo		Japan		
2	Kyoto		Japan		
3	Irvine	California	United States		
5	Los Angeles	California	United States		
9	Seattle	Washington	United States		
10	New York City	New York	United States		
11	Bellevue	Washington	United States		

Delete Location

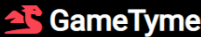
Are you sure you want to delete this Location?

Delete Location

Cancel

Playthroughs

READ/BROWSE/DISPLAY Playthroughs Page



Games

Genres

Companies

Platforms

Locations







Playthroughs

Users

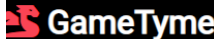
Playthroughs

Add New Playthrough

Existing Playthroughs

Playthrough ID	Start TimeStamp	Finish TimeStamp	Username	Game				
2	Jun 05, 2022 07:37:57 PM	Jun 05, 2022 07:37:55 PM	Erennn	Overwatch		×	<div>Finish Playthrough</div>	<div>Add Session</div>
3	May 20, 2020 04:20:32 AM	Dec 01, 2020 10:02:01 AM	Korok	The Legend of Zelda: Breath of the Wild		×	<div>Finish Playthrough</div>	<div>Add Session</div>
17	Jun 05, 2022 01:25:47 AM	Jun 05, 2022 01:25:46 AM	Korok	Overwatch		×	<div>Finish Playthrough</div>	<div>Add Session</div>
22	Dec 12, 2020 01:01:00 PM	Dec 12, 2021 12:02:00 AM	al5	Overwatch		×	<div>Finish Playthrough</div>	<div>Add Session</div>
24	Jun 03, 2022 10:04:36 PM		Erennn	Elden Ring		×	<div>Finish Playthrough</div>	<div>Add Session</div>
25	Jun 05, 2022 10:31:46 PM		Erennn	Elden Ring		×	<div>Finish Playthrough</div>	<div>Add Session</div>

CREATE/INSERT/ADD NEW Playthroughs Page









Games Genres Companies Platforms Locations Playthroughs Users

Playthroughs

Add New Playthrough

Existing Playthroughs

Playthrough ID	Start TimeStamp	Finish TimeStamp	Username	Game				
2	Jun 05, 2022 07:37:57 PM	Jun 05, 2022 07:37:55 PM	Erennn	Overwatch		×	Finish Playthrough	Add Session
3	May 20, 2020 04:20:32 AM	Dec 01, 2020 10:02:01 AM	Korok	The Legend of Zelda: Breath of the Wild		×	Finish Playthrough	Add Session
17	Jun 05, 2022 01:25:47 AM	Jun 05, 2022 01:25:46 AM	Korok	Overwatch		×	Finish Playthrough	Add Session
22	Dec 12, 2020 01:01:00 PM	Dec 12, 2021 12:02:00 AM	al5	Overwatch		×	Finish Playthrough	Add Session
24	Jun 03, 2022 10:04:36 PM		Erennn	Elden Ring		×	Finish Playthrough	Add Session
25	Jun 05, 2022 10:31:46 PM		Erennn	Elden Ring		×	Finish Playthrough	Add Session

Add a New Playthrough

Start Timestamp:

6/6/2022, 3:32:37 PM

Username:

Erennn


Game:

Elden Ring

Submit

Cancel

EDIT/UPDATE Playthroughs Page



Games Genres Companies Platforms Locations Playthroughs Users

Playthroughs

Add New Playthrough

Existing Playthroughs

Playthrough ID	Start TimeStamp	Finish TimeStamp	Username	Game				
2	Jun 05, 2022 07:37:57 PM	Jun 05, 2022 07:37:55 PM	Erennn	Overwatch		x	Finish Playthrough	Add Session
3	May 20, 2020 04:20:32 AM	Dec 01, 2020 10:02:01 AM	Korok	The Legend of Zelda: Breath of the Wild		x	Finish Playthrough	Add Session
17	Jun 05, 2022 01:25:47 AM	Jun 05, 2022 01:25:46 AM	Korok	Overwatch		x	Finish Playthrough	Add Session
22	Dec 12, 2020 01:01:00 PM	Dec 12, 2021 12:02:00 AM	al5	Overwatch		x	Finish Playthrough	Add Session
24	Jun 03, 2022 10:04:36 PM		Erennn	Elden Ring		x	Finish Playthrough	Add Session
25	Jun 05, 2022 10:31:46 PM		Erennn	Elden Ring		x	Finish Playthrough	Add Session

Edit Playthrough

Start TimeStamp:

06/05/2022 07:37:57 PM

Finish TimeStamp:

06/05/2022 07:37:55 PM

Username:

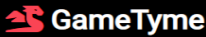
Erennn

Game:

Overwatch

Submit

Cancel









GamesGenresCompaniesPlatformsLocationsPlaythroughsUsers

Playthroughs

Add New Playthrough

Existing Playthroughs

Playthrough ID	Start TimeStamp	Finish TimeStamp	Username	Game				
2	Jun 05, 2022 07:37:57 PM	Jun 05, 2022 07:37:55 PM	Erennn	Overwatch		×	Finish Playthrough	Add Session
3	May 20, 2020 04:20:32 AM	Dec 01, 2020 10:02:01 AM	Korok	The Legend of Zelda: Breath of the Wild		×	Finish Playthrough	Add Session
17	Jun 05, 2022 01:25:47 AM	Jun 05, 2022 01:25:46 AM	Korok	Overwatch		×	Finish Playthrough	Add Session
22	Dec 12, 2020 01:01:00 PM	Dec 12, 2021 12:02:00 AM	al5	Overwatch		×	Finish Playthrough	Add Session
24	Jun 03, 2022 10:04:36 PM		Erennn	Elden Ring		×	Finish Playthrough	Add Session
25	Jun 05, 2022 10:31:46 PM		Erennn	Elden Ring		×	Finish Playthrough	Add Session

Finish Playthrough?

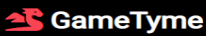
Are you sure you want to finish this playthrough?

Finish Timestamp:

06/06/2022 03:35:25 PM

Finish PlaythroughCancel

DELETE Playthroughs Page









GamesGenresCompaniesPlatformsLocationsPlaythroughsUsers

Playthroughs

Add New Playthrough

Existing Playthroughs

Playthrough ID	Start TimeStamp	Finish TimeStamp	Username	Game				
2	Jun 05, 2022 07:37:57 PM	Jun 05, 2022 07:37:55 PM	Erennn	Overwatch		×	Finish Playthrough	Add Session
3	May 20, 2020 04:20:32 AM	Dec 01, 2020 10:02:01 AM	Korok	The Legend of Zelda: Breath of the Wild		×	Finish Playthrough	Add Session
17	Jun 05, 2022 01:25:47 AM	Jun 05, 2022 01:25:46 AM	Korok	Overwatch		×	Finish Playthrough	Add Session
22	Dec 12, 2020 01:01:00 PM	Dec 12, 2021 12:02:00 AM	al5	Overwatch		×	Finish Playthrough	Add Session
24	Jun 03, 2022 10:04:36 PM		Erennn	Elden Ring		×	Finish Playthrough	Add Session
25	Jun 05, 2022 10:31:46 PM		Erennn	Elden Ring		×	Finish Playthrough	Add Session

Delete Playthrough

Are you sure you want to delete this Playthrough?

Delete PlaythroughCancel


Sessions

READ/BROWSE/DISPLAY Sessions Page

Existing Sessions

Session ID	Time Played	Session Start	Session End	Playthrough ID			
1	17544	Dec 01, 2020 01:01:00 AM	Dec 02, 2022 01:02:00 AM	3		×	End Session
2	1	Feb 01, 2022 02:02:13 AM	Feb 01, 2022 03:02:13 AM	2		×	End Session
11	0	Jun 05, 2022 03:20:40 PM	Jun 05, 2022 03:20:39 PM	2		×	End Session

CREATE/INSERT/ADD NEW Sessions Page









GamesGenresCompaniesPlatformsLocationsPlaythroughsUsers




Playthroughs

Add New Playthrough

Existing Playthroughs

Playthrough ID	Start TimeStamp	Finish TimeStamp	Username	Game				
2	Jun 05, 2022 07:37:57 PM	Jun 05, 2022 07:37:55 PM	Erennn	Overwatch		x	Finish Playthrough	Add Session
3	May 20, 2020 04:20:32 AM	Dec 01, 2020 10:02:01 AM	Korok	The Legend of Zelda: Breath of the Wild		x	Finish Playthrough	Add Session
17	Jun 05, 2022 01:25:47 AM	Jun 05, 2022 01:25:46 AM	Korok	Overwatch		x	Finish Playthrough	Add Session
22	Dec 12, 2020 01:01:00 PM	Dec 12, 2021 12:02:00 AM	al5	Overwatch		x	Finish Playthrough	Add Session
24	Jun 03, 2022 10:04:36 PM		Erennn	Elden Ring		x	Finish Playthrough	Add Session
25	Jun 05, 2022 10:31:46 PM		Erennn	Elden Ring		x	Finish Playthrough	Add Session

Existing Sessions

Session ID	Time Played	Session Start	Session End	Playthrough ID			
1	17544	Dec 01, 2020 01:01:00 AM	Dec 02, 2022 01:02:00 AM	3		x	End Session
2	1	Feb 01, 2022 02:02:13 AM	Feb 01, 2022 03:02:13 AM	2		x	End Session
11	0	Jun 05, 2022 03:20:40 PM	Jun 05, 2022 03:20:39 PM	2		x	End Session

Add Session

Playthrough ID:

25

Start Timestamp:

6/6/2022, 3:43:16 PM

SubmitCancel

EDIT/UPDATE Sessions Page

Existing Sessions

Session ID	Time Played	Session Start	Session End	Playthrough ID			
1	17544	Dec 01, 2020 01:01:00 AM	Dec 02, 2022 01:02:00 AM	3		×	End Session
2	1	Feb 01, 2022 02:02:13 AM	Feb 01, 2022 03:02:13 AM	2		×	End Session
11	0	Jun 05, 2022 03:20:40 PM	Jun 05, 2022 03:20:39 PM	2		×	End Session

Edit Session

Session Start:

12/01/2020 01:01:00 AM

Session End:

12/02/2022 01:02:00 AM

Edit Session Cancel

Existing Sessions

Session ID	Time Played	Session Start	Session End	Playthrough ID			
1	17544	Dec 01, 2020 01:01:00 AM	Dec 02, 2022 01:02:00 AM	3		×	End Session
2	1	Feb 01, 2022 02:02:13 AM	Feb 01, 2022 03:02:13 AM	2		×	End Session
11	0	Jun 05, 2022 03:20:40 PM	Jun 05, 2022 03:20:39 PM	2		×	End Session

End Session?

Are you sure you want to end this session?

Finish Timestamp:

06/06/2022 03:43:21 PM

Finish Session Cancel

DELETE Sessions Page

Existing Sessions

Session ID	Time Played	Session Start	Session End	Playthrough ID			
1	17544	Dec 01, 2020 01:01:00 AM	Dec 02, 2022 01:02:00 AM	3		×	<button>End Session</button>
2	1	Feb 01, 2022 02:02:13 AM	Feb 01, 2022 03:02:13 AM	2		×	<button>End Session</button>
11	0	Jun 05, 2022 03:20:40 PM	Jun 05, 2022 03:20:39 PM	2		×	<button>End Session</button>

Delete Session

Are you sure you want to delete this Session?

Delete SessionCancel

Users

READ/BROWSE/DISPLAY Users Page


GamesGenresCompaniesPlatformsLocationsPlaythroughsUsers

Users

Add New User

User ID	First Name	Last Name	Username	Email		
2	Mikasa	Ackerman	Erennn	ackerman@gmail.com		×
3	Link	Zelda	Korok	zelda@gmail.com		×
4	Alloy	Unknown	al5	al5@yahoo.com		×




CREATE/INSERT/ADD NEW Users Page



Games Genres Companies Platforms Locations Playthroughs Users

Users

Add New User

User ID	First Name	Last Name	Username	Email		
2	Mikasa	Ackerman	Erennn	ackerman@gmail.com		×
3	Link	Zelda	Korok	zelda@gmail.com		×
4	Alloy	Unknown	al5	al5@yahoo.com		×

Add a New User

First Name:

Last Name:


Username:

Email:

Add User

Cancel




EDIT/UPDATE Users Page



GamesGenresCompaniesPlatformsLocationsPlaythroughsUsers

Users

Add New User

User ID	First Name	Last Name	Username	Email		
2	Mikasa	Ackerman	Erennn	ackerman@gmail.com		x
3	Link	Zelda	Korok	zelda@gmail.com		x
4	Alloy	Unknown	al5	al5@yahoo.com		x

Edit User

Edit First Name:

Edit Last Name:

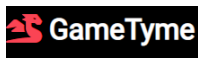
Edit Username:

Edit Email:

Submit

Cancel




DELETE Users Page



GamesGenresCompaniesPlatformsLocationsPlaythroughsUsers

Users

Add New User

User ID	First Name	Last Name	Username	Email		
2	Mikasa	Ackerman	Erennn	ackerman@gmail.com		x
3	Link	Zelda	Korok	zelda@gmail.com		x
4	Alloy	Unknown	al5	al5@yahoo.com		x

Delete User

Are you sure you want to delete this User?

Delete User

Cancel

HOME

