

ProfileHUD Data Dictionary

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This document is the data dictionary for the website ProfileHUD. It consists of a series of tables that specify the details and requirements for data stored in the database of the software. It also highlights these requirements for data that is retrieved from external sources and displayed on the website.

Database Data

Data for ProfileHUD users and Steam, PlayStation, and Xbox account associations are stored in the database.

Users						
Field Name	Description	Data Type	Format Requirements	Field Length	Required?	Accepts null value?
Username	Unique username for each user of ProfileHUD	Text	Must be alphanumeric and can contain certain special characters	20	Yes	No
Email	Email address used to create the account	Text	Must have the format of a valid email address	50	Yes	No
Password	Password to log into the account	Text	Can contain alphanumeric and certain special characters	50	Yes	No

Steam Account Links						
Field Name	Description	Data Type	Format Requirements	Field Length	Required?	Accepts null value?
ProfileHUD Username	Unique username for each user of ProfileHUD	Text	Must be alphanumeric and can contain certain special characters	20	Yes	No
Steam ID	ID number or username associated with a Steam account	Text	Must be a valid ID number or username on Steam	50	Yes	No

PlayStation Account Links						
Field Name	Description	Data Type	Format Requirements	Field Length	Required?	Accepts null value?
ProfileHUD Username	Unique username for each user of ProfileHUD	Text	Must be alphanumeric and can contain certain special characters	20	Yes	No
PlayStation Network ID	ID number or username associated with a PSN account	Text	Must be a valid ID number or username on PSN	50	Yes	No

Xbox Account Links						
Field Name	Description	Data Type	Format Requirements	Field Length	Required?	Accepts null value?
ProfileHUD Username	Unique username for each user of ProfileHUD	Text	Must be alphanumeric and can contain certain special characters	20	Yes	No
Xbox Live ID	ID number or username associated with an Xbox Live account	Text	Must be a valid ID number or username on Xbox Live	50	Yes	No

External Data

The following tables specify the requirements for data that is not stored in ProfileHUD's database. While these data is retrieved from external sources and displayed on the website, it must still adhere to similar requirements as data stored in the database.

(Tables on the next page)

User's Games						
Field Name	Description	Data Type	Format Requirements	Field Length	Required?	Accepts null value?
Game Name	Name of the video game	Text	Must be alphanumeric and can contain certain special characters	100	Yes	No
Platform	The service or platform on which the game was played	Text	Must be a valid platform that ProfileHUD supports	20	Yes	No
Hours Played	The number of hours the game was played	Integer	Must be an integer between 0 and 999,999	6	No	Yes
Achievements / Trophies Earned	The number of earned achievements or trophies out of a total	Text	Must display the number of earned over the total (i.e. 32 / 50).	10	No	Yes

Achievements / Trophies List for a Game						
Field Name	Description	Data Type	Format Requirements	Field Length	Required?	Accepts null value?
Achievement / Trophy Name	Name of the achievement or trophy	Text	Must be alphanumeric and can contain certain special characters	100	Yes	No
Description	Description on how to earn the achievement or trophy	Text	Must be alphanumeric and can contain certain special characters	200	Yes	No
Earned	Has the achievement or trophy been earned?	Boolean	Either "Yes" or "No"	5	Yes	No
Date Earned	The date on which the achievement or trophy was earned if applicable	Date	Must have the following format: MM/DD/YYYY	10	No	Yes