

## Data Dictionary

### Player Table

Field Name	Data Type	Size	Description
Player_id	INT	11	Unique player ID
Username	VARCHAR	50	Player's display name
Email	VARCHAR	100	Contact email
Join_date	DATE	-	When the player joined

### Songs Table

Field Name	Data Type	Size	Description
Songs_id	INT	11	Unique player for song
Title	VARCHAR	50	Song title
Artist	VARCHAR	100	Artist or Creator
Bpm	FLOAT	-	Beats per minute
Audio_file	VARCHAR	225	File path or URL to audio
Difficulty	VARCHAR	50	e.g. Easy, Medium, Hard

### GameSessions Table

Field Name	Data Type	Size	Description
Session_id	INT	11	Unique game session ID
Player_id	INT	11	Linked to Player.player_id
song_id	INT	11	Linked to Songs.song_id
score	INT	-	Player score for the session
accuracy	FLOAT	-	Hit accuracy percentage
Combo_max	INT	-	Highest combo in this session
Session_time	VARCHAR	-	When the session took place

TimeLog Table

Field Name	Data Type	Size	Description
log_id	INT	11	Unique log entry
Player_id	INT	11	Linked to Player.player_id
login_time	TIMESTAMP	-	Time the player logged in
logout_time	TIMESTAMP	-	Time the player logged out
Session_id	INT	11	Related to GameSessions.session_id

GameModerator Table

Field Name	Data Type	Size	Description
moderator_id	INT	11	Unique moderator ID
username	VARCHAR	50	Moderator username
email	VARCHAR	100	Contact email
role	VARCHAR	50	e.g. Admin, Chart Reviewer
Date_joined	DATE	-	Date moderator joined the team