## User

| Field Name | Data Type | Description | Constraints & Rules | Example Value |
|---|---|---|---|---|
| **_id** | ObjectId | Unique identifier for the user document. | Primary Key, Required, Auto-generated | ObjectId('...') |
| **username** | String | The user's public-facing name, used for logging in and on reviews. | Required, Unique | "helloworld" |
| **email** | String | The user's email address for notifications and account recovery. | Required, Unique | "user@example.com" |
| **password** | String | A securely hashed version of the user's password. | Required | "bcr$ypt$h4$hed..." |
| **role** | String | Defines the user's permission level. Can be 'user' or 'admin'. | Required, Enum, Default: 'user' | "user" |
| **createdAt** | Date | Timestamp indicating when the user account was created. | Required, Default: Current Date | 2025-07-20T10:00:00Z |

## Pending Game

| Field Name | Data Type | Description | Constraints & Rules | Example Value |
|---|---|---|---|---|
| **_id** | ObjectId | Unique identifier for the pending submissio | Primary Key, Required, Auto-generated | ObjectId('68cfc...') |

| | | n document. | | |
|---|---|---|---|---|
| **id** | Number | Unique identifier from the RAWG API. May be null for manual submissions. | Nullable | 3498 |
| **name** | String | The name of the game as submitted by the user or fetched from the API. | Required | "Grand Theft Auto V" |
| **slug** | String | A URL-friendly version of the game's name. | Unique (if not null), Nullable | "grand-theft-auto-v" |
| **description** | String | Game synopsis. May be empty for manual submissions. | Nullable | "Rockstar Games went…" |
| **background_image** | String | URL for the game's cover image. | Nullable | "https://media.rawg.io/…" |
| **genres** | Array of | List of genres associated | Nullable | [{"name": "Action"}] |

| | | Objects | with the game. | | |
|---|---|---|---|---|---|
| **platforms** | Array of Objects | List of platforms the game is available on. | Nullable | [{"platform": {"name": "PC"}}] |
| **rating** | Number | The average rating from the RAWG API. | Nullable | 4.47 |
| **released** | String | The release date from the RAWG API (YYYY-MM-DD). | Nullable | "2013-09-17" |
| **website** | String | The official website URL. | Nullable | "https://www.rockstargames.com/V/" |
| **submittedBy** | String | Username of the user who submitted the game for approval. | Required | "vikassws" |
| **status** | String | The current approval status of the submission. | Enum: ('pending', 'approved', 'rejected') | "approved" |

| submittedAt | Date | Timestamp indicating when the game was submitted. | Required, Default: Current Date | 2025-09-21T09:44:49Z |
|---|---|---|---|---|
| __v | Number | The internal version key used by Mongoose. | Auto-managed by Mongoose | 0 |

Games

| Field Name | Data Type | Description | Constraints & Rules | Example Value |
|---|---|---|---|---|
| _id | ObjectId | Unique identifier for the game document. | Primary Key, Required, Auto-generated | ObjectId('687e...') |
| id | Number | Unique identifier from RAWG API. Used as a foreign key by reviews. | Required, Unique | 326292 |
| slug | String | A URL-friendly version of the game's name. | Required, Unique | "fall-guys" |
| name | String | The official name of the game. | Required | "Fall Guys: Ultimate Knockout" |

| description | String | A brief summary or synopsis of the game. | Required | "Fall Guys: Ultimate..." |
|---|---|---|---|---|
| background_image | String | URL for the game's background or cover image. | Required | "https://media.rawg.io/..." |
| genres | Array of Objects | List of genres associated with the game. | Required | [{"name": "Action"}] |
| platforms | Array of Objects | List of platforms the game is available on. | Required | [{"platform": {"name": "PC"}}] |
| rating | Number | The average rating of the game. | Required | 3.73 |
| released | String | The official release date of the game (YYYY-MM-DD). | Required | "2020-08-04" |
| addedBy | String | Username of the user who first submitted the approved game. | Required | "anonymous" |

| | | | | |
|---|---|---|---|---|
| **addedAt** | Date | Timestamp when the game was approved and added to this collection. | Required | 2025-07-21T11:15:54Z |
| **website** | String | The official website URL for the game. | Required | "https://fallguys.com/" |
| **__v** | Number | The internal version key used by Mongoose. | Auto-managed by Mongoose | 0 |

Reviews

| Field Name | Data Type | Description | Constraints & Rules | Example Value |
|---|---|---|---|---|
| **_id** | ObjectId | Primary key, unique identifier for the review. | Primary Key, Required, Auto-generated | ObjectId('687e...') |
| **gameId** | Number | Identifier for the game being reviewed. | Required, Foreign Key (references games.id) | 430 |
| **username** | String | Username of the reviewer. | Required, Foreign Key (references users.username) | "helloworld" |
| **reviewText** | String | The text content of the review. | Required | "this is my second review" |
| **rating** | Number | The numerical score given by the user (e.g., 1-5). | Required | 4 |

| createdAt | Date | Timestamp indicating when the review was created. | Required, Default: Current Date | 2025-07-21T11:15:00Z |
|---|---|---|---|---|
| __v | Number | The internal version key used by Mongoose. | Auto-managed by Mongoose | 0 |