

League Finder Database

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Users

The users collection will store all users. Users will be able to login, update their profile picture and details, and add other users as friends. An array of other user id's that the user has added as friends.

```
{
  "_id": "7b7997a2-c0d2-4f8c-b27a-6a1d4b5b6310",
  "username": "SummonerJdoe",
  "email": "jdoe@gmail.com",
  "password": "$2a$08$XdvNkf dNIL8F8xsuIUeSbNOFgK0M0iV5H0skfVn7.PWncShU.0",
  "profilePicture":
    "https://static.wikia.nocookie.net/nba/images/9/97/Stevens_Ducks.jpg",
  "firstName": "John",
  "lastName": "Doe",
  "biography": "Hello, I am a new League of Legends player looking to win those games!",
  "riotId": "C9 Loki#kr3",
  "region": "NA",
  "preferredRoles": ["Top", "Mid"],
  "rank": "Bronze 3",
  "reputation": 23,
  "friends": [
    "7b7997a2-c0d2-4f8c-b27a-6a1d4b5b6312",
    "7b7997a2-c0d2-4f8c-b27a-6a1d4b5b6313"
  ],
}
```

Name	Type	Description
_id	string	Primary key of the user
username	string	Display name on League Finder.

email	string	Unique key of the user, the email / username of the user. Used for login purposes.
password	string	Hashed password of the user, used for login purposes.
profilePicture	string	Link to image of the profile picture of the user
firstName	string	First name of the user.
lastName	string	Last name of the user.
biography	string	Biography of user
riotId	string	The user's riotId, formatted as <name>#<tagline>.
region	string	The region that the user plays in.
preferredRoles	string[]	Array of user's preferred role(s) in League of Legends.
rank	string	Rank of the user in League of Legends ©.
reputation	integer	The user's reputation on League Finder, gained via interactions with other users via Posts.
friends	string[]	Array of foreign keys of users the user is friends with.

Posts

The posts collection will store all users' posts and have a One-To-Many relationship with any comment documents associated with the post. Posts will be able to be created, edited, deleted, and read by all users, as well as be associated with a user (the one who posted it).

```
{
  "_id": "7b7997a2-c0d2-4f8c-b27a-6a1d4b5b6311"
  "userId": "7b7997a2-c0d2-4f8c-b27a-6a1d4b5b6310",
  "image":
  "https://static.wikia.nocookie.net/nba/images/9/97/Stevens_Ducks.jpg",
```

```
{
  "content": "Looking for gm to carry pls",
  "tags": ["LFG"],
  "createdAt": "2025-04-13T23:55:00.000Z",
}
```

Name	Type	Description
_id	string	Primary key of the post.
userId	string	Foreign key of the user who created the post.
image	string	Link to image of the post
content	string	The content of the post, inputted by the user.
tags	string[]	Tags for this post(added by the post creator), which is later used to filter through posts.
createdAt	string	Timestamp of the time the user created this post.

Comments

The comments collection will store all comments made under any of the posts in the post collection. These will be viewable under posts from different users.

```
{
  "_id": "7b7997a2-c0d2-4f8c-b27a-6a1d4b5b6314",
  "userId": "7b7997a2-c0d2-4f8c-b27a-6a1d4b5b6312",
  "postId": "7b7997a2-c0d2-4f8c-b27a-6a1d4b5b6311",
  "content": "u suck bro.",
  "likes": 2,
  "replies": [
    "7b7997a2-c0d2-4f8c-b27a-6a1d4b5b6315",
    "7b7997a2-c0d2-4f8c-b27a-6a1d4b5b6316",
  ],
  "createdAt": "2025-04-13T23:55:00.000Z"
}
```

Name	Type	Description
_id	string	Primary key of the comment.
userId	string	Foreign key of the user who posted the comment.
postId	string	Foreign key of the post the comment is under.
content	string	The content of the comment inputted by the user.
likes	integer	The total number of likes this comment has received from other users.
replies	string[]	An array of foreign keys of comments from other users who have replied to this comment.
createdAt	string	Time when the comment was posted.

Friend Requests

The friendRequests collection will store all unresolved friend requests sent by users to other users.

```
{
  "_id": "7b7997a2-c0d2-4f8c-b27a-6a1d4b5b1253",
  "senderId": "7b7997a2-c0d2-4f8c-b27a-6a1d4b5b6315",
  "receiverId": "7b7997a2-c0d2-4f8c-b27a-6a1d4b5b6316",
  "timestamp": "2025-04-13T23:55:00.000Z"
}
```

Name	Type	Description
_id	string	Primary key of the friend request.
senderId	string	Foreign key of the user who

		sent the friend request.
receiverId	string	Foreign key of the user who received the friend request.
timestamp	string	The time when the friend request was created.

Team Invite

The teamRequests collection will store all unresolved team requests sent by teams to users.

```
{
  "_id": "7b7997a2-c0d2-4f8c-b27a-6a1d4b5b1253",
  "teamId": "7b7997a2-c0d2-4f8c-b27a-6a1d4b5b6876",
  "userId": "7b7997a2-c0d2-4f8c-b27a-6a1d4b5b6316",
  "timestamp": "2025-04-13T23:55:00.000Z"
}
```

Name	Type	Description
_id	string	Primary key of the team invite.
teamId	string	Foreign key of the team that was used to send the team invite.
receiverId	string	Foreign key of the user who received the team invite.
timestamp	string	The time when the team invite was sent.

Teams

The teams collection will store all existing teams. It will store an array of preferred ranks, an array of roles that the team is looking for, and an array of users that are on the team.

```
{
```

```

    "_id": "7b7997a2-c0d2-4f8c-b27a-6a1d4b5b1253",
    "users": [<user_id1>, <user_id2>, <user_id3>],
    "desiredRanks": ["Gold", "Platinum"],
    "desiredRoles": ["Jungle", "Mid"],
    "region": "NA",
    "description": "Looking for a chill jungler and mid to climb in ranked flex.",
    "createdAt": "2025-04-12T12:00:00Z"
  }

```

*<user_id1>, <user_id2>, and <user_id3> are placeholder values, they are of type **STRING** and should be valid **_id** in user collection.

Name	Type	Description
_id	string	Primary key of the team.
users	user[]	Array of foreign keys of users that are on the team.
desiredRanks	string[]	Foreign key of the user who received the friend request.
desiredRoles	string[]	The time when the friend request was created.
region	string	The region that this team plays in.
description	string	Description of the team.
createdAt	string	Time when the team was created.