# Routes API

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Method** | **Endpoint** | **Body** | **Response** | **Protégé** | **Code** | **Description** |
| **"POST"** | "/api/auth/register" | { "username": "string", "email": "string", "password": "string" } | { "status": "success", "message": "User created" } | ❌ | **201** | S’inscrire |
| **“POST”** | "/api/auth/login" | { "email": "string", "password": "string" } | { "status": "success", "token": "jwt\_token" } | ❌ | **200** | Se connecter et obtenir un jeton JWT |
| **"GET"** | "/api/exercices/ :id " |  | { "id": "int", "name": "string", "description": "string", "muscleGroups": ["string"] } | ✅ | **200** | Récupérer un exercice par son id |
| **“POST”** | "/api/exercices" | { "name": "string", "description": "string", "muscleGroups": ["string"] } | { "status": "success", "message": "Exercise created" } | ✅ | **201** | Créer un nouvel exercice |
| **“PUT”** | "/api/exercices/ :id" | { "name": "string", "description": "string", "muscleGroups": ["string"] } | { "status": "success", "message": "Exercise updated" } | ✅ | **200** | Mettre à jour un exercice par son id |
| **“DELETE”** | "/api/exercices/ :id" |  | { "status": "success", "message": "Exercise deleted" } | ✅ | **204** | Supprimer un exercice par son id |
| **"GET"** | "/api/posts" |  | [{ "id": "int", "title": "string", "content": "string", "authorId": "int", "createdAt": "date" }] | ✅ | **200** | Récupérer toutes les publications |
| **"POST"** | "/api/posts" | { "title": "string", "content": "string", "authorId": "int" } | { "status": "success", "message": "Post created" } | ✅ | **201** | Créer une nouvelle publication |
| **"PUT"** | "/api/posts/ :id" | { "title": "string", "content": "string" } | { "status": "success", "message": "Post updated" } | ✅ | **200** | Mettre à jour une publication par son id |
| **"DELETE"** | "/api/posts/ :id" |  | { "status": "success", "message": "Post deleted" } | ✅ | **204** | Supprimer une publication par son id |
| **“GET”** | “/api/posts/:id |  | { "id": "int", "title": "string", "content": "string", "authorId": "int", "createdAt": "date" } | ✅ | **200** | Récupérer une publication par son id |
| **“GET”** | “/api/posts/users/ :id |  | [{ "id": "int", "title": "string", "content": "string", "authorId": "int", "createdAt": "date" }] | ✅ | **200** | Récupérer toutes les publications faites par un utilisateur par l’id de l’utilisateur |
| **"GET"** | "/api/posts/ :id/accueil" |  | [{ "id": "int", "title": "string", "content": "string", "authorId": "int", "createdAt": "date" }] | ✅ | **200** | Récupérer toutes les publications du fil d’actualité d’un utilisateur par son id (cela inclut ses publications, celles de ses abonnements, les partages) |
| **"POST"** | "/api/posts/ :id/likes" |  | { "status": "success", "message": "Like added" } | ✅ | **201** | Ajouter un like à une publication |
| **"DELETE"** | "/api/posts/ :id/likes" |  | { "status": "success", "message": "Like removed" } | ✅ | **200** | Supprimer un like d’une publication |
| **"GET"** | "/api/posts/ :id/likes" |  | [{ "userId": "int", "username": "string" }] | ✅ | **200** | Récupérer les utilisateurs ayant aimé une publication |
| **"POST"** | "/api/posts/ :id/comments" | { "content": "string", "authorId": "int" } | { "status": "success", "message": "Comment added" } | ✅ | **201** | Ajouter un commentaire à une publication |
| **"GET"** | "/api/posts/ :id/comments" |  | [{ "id": "int", "content": "string", "authorId": "int", "createdAt": "date" }] | ✅ | **200** | Récupérer les commentaires d’une publication |
| **"DELETE"** | "/api/posts/ :id/comments/ :commentId" |  | { "status": "success", "message": "Comment deleted" } | ✅ | **200** | Supprimer un commentaire d’une publication |
| **"GET"** | "/api/programs" |  | [{ "id": "int", "name": "string", "description": "string", "createdAt": "date" }] | ✅ | **200** | Récupérer tous les programmes |
| **"POST"** | "/api/programs" | { "name": "string", "description": "string" } | { "status": "success", "message": "Program created" } | ✅ | **201** | Créer un nouveau programme |
| **"PUT"** | "/api/programs/ :id" | { "name": "string", "description": "string" } | { "status": "success", "message": "Program updated" } | ✅ | **200** | Mettre à jour un programme par son id |
| **"DELETE"** | "/api/programs/ :id" |  | { "status": "success", "message": "Program deleted" } | ✅ | **204** | Supprimer un programme par son id |
| **"GET"** | "/api/programs/users/:id" |  | [{ "id": "int", "name": "string", "description": "string", "createdAt": "date" }] | ✅ | **200** | Récupérer tous les programmes d’un utilisateur par son id |
| **"GET"** | "/api/programs/ :id/workouts" |  | [{ "id": "int", "name": "string", "description": "string", "date": "date" }] | ✅ | **200** | Récupérer toutes les séances contenues dans un programme par l’id du programme |
| **"POST"** | “api/workouts ” | { "name": "string", "description": "string", "date": "date", "programId": "int" } | { "status": "success", "message": "Workout created" } | ✅ | **201** | Créer une nouvelle séance |
| **"PUT"** | “api/workouts/ :id” | { "name": "string", "description": "string", "date": "date" } | { "status": "success", "message": "Workout updated" } | ✅ | **200** | Mettre à jour une séance par son id |
| **"DELETE"** | “api/workouts/ :id” |  | { "status": "success", "message": "Workout deleted" } | ✅ | **204** | Supprimer une séance par son id |
| **"GET"** | “api/workouts/ :id/exercices” |  | [{ "id": "int", "name": "string", "description": "string", "muscleGroups": ["string"] }] | ✅ | **200** | Récupérer tous les exercices d’une séance par l’id de la séance |
| **“GET”** | “api/tags” |  | [{ "id": "int", "name": "string" }] | ✅ | **200** | Récupérer tous les tags |
| **“POST”** | “api/tags” | { "name": "string" } | { "status": "success", "message": "Tag created" } | ✅ | **201** | Créer un nouveau tag |
| **“PUT”** | “api/tags/ :id” | { "name": "string" } | { "status": "success", "message": "Tag updated" } | ✅ | **200** | Mettre à jour un tag par son id |
| **“DELETE”** | “api/tags/ :id” |  | { "status": "success", "message": "Tag deleted" } | ✅ | **204** | Supprimer un tag par son id |
| **“GET”** | “api/users/me” |  | { "id": "int", "username": "string", "email": "string" } | ✅ | **200** | Récupérer les informations de l’utilisateur connecté |
| **"GET"** | "/api/users/suggested" |  | [{ "id": "int", "username": "string" }] | ✅ | **200** | Récupérer les utilisateurs suggérés pour un utilisateur |
| **“GET”** | “/api/users/:id |  | { "id": "int", "username": "string", "email": "string" } | ✅ | **200** | Récupérer les informations d’un utilisateur par son id |
| **"GET"** | "/api/users" |  | [{ "id": "int", "username": "string", "email": "string" }] | ✅ | **200** | Récupérer tous les utilisateurs |
| **"POST"** | "/api/users/follow" | { "userId": "int" } | { "status": "success", "message": "Followed user" } | ✅ | **201** | Suivre un utilisateur |
| **"DELETE"** | "/api/users/unfollow" | { "userId": "int" } | { "status": "success", "message": "Unfollowed user" } | ✅ | **204** | Ne plus suivre un utilisateur |
| **"GET"** | "/api/notifications " |  | [{ "id": "int", "message": "string", "read": "boolean" }] | ✅ | **200** | Récupérer toutes les notifications d’un utilisateur |
| **"POST"** | "/api/notifications " | { "message": "string", "userId": "int" } | { "status": "success", "message": "Notification created" } | ✅ | **201** | Créer une notification pour un utilisateur |
| **"DELETE"** | "/api/notifications/ :id" |  | { "status": "success", "message": "Notification deleted" } | ✅ | **200** | Supprimer une notification |
| **"PUT"** | "/api/admin/users/:id/ban" |  | { "status": "success", "message": "User banned" } | ✅(admin) | **200** | Bannir un utilisateur |
| **"PUT"** | "/api/admin/users/:id/unban" |  | { "status": "success", "message": "User unbanned" } | ✅(admin) | **200** | Débannir un utilisateur |

# Modèle conceptuel des données

Une image contenant capture d’écran, cercle, Graphique, conception

Description générée automatiquement

# Modèle logique des données

**exercices** = (id, name, created\_at, updated\_at);

**exercice\_results** = (id, created\_at, updated\_at, #exercices\_id);

**muscle\_groups** = (id, name, created\_at, updated\_at);

**city** = (id, name, country);

**role** = (id, name);

**sets** = (id, reps, weight, createdAt, updatedAt, #exercice\_results\_id);

**tags** = (id, name, createdAt, updatedAt);

**users** = (id, pseudo, email, password\_hash, bio, created\_at, updated\_at, profilePhoto, isBan, #role\_id, #city\_id);

**posts** = (id, photo, title, content, created\_at, updated\_at, #author\_id, #exercice\_result\_id);

**programs** = (id, name, description, created\_at, updated\_at, #workouts\_id);

**workouts** = (id, name, created\_at, updated\_at, #programs, #author\_id);

**notifications** = (id, type, content, isRead, createdAt, #users\_id);

**shares** = (#users id, #posts id);

**likes** = (#users\_id, #posts id\_, liked\_at);

**comments** = (#users\_id, #posts id\_, content, commented\_at, updated\_at);

**users\_programs** = (#users id, #programs id, createdAt);

**exercices\_workouts** = (#exercices id, #workouts id);

**exercices\_muscle\_groups** = (#exercices id, #muscle\_groups\_id);

**follows** = (#follower id, #followed id);

**exercices\_results\_users** = (#exercices\_resultsid, #users id);

**posts\_tags** = (#posts\_id, #tags id);