Lissora - API Specification

# API Endpoints

## 1. Profile Management Service

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| --- | --- | --- | --- | --- |
| S.No | API Endpoint | Method | Description | Parameters |
| 1 | /api/users/register | POST | Register a new user. | {  api\_key,  username,  email,  password,  role,  } |
| 2 | /api/users/login | POST | Login with email and password. | {  api\_key,  email,  password,  } |
| 3 | /api/users/{userId} | PUT | Update user details by ID. | {  api\_key,  authorization,  userId  } |
| 4 | /api/users | GET | Get all users. | {  api\_key,  authorization,  userId  } |
| 5 | /api/users/{userId} | GET | Get user by ID. | {  api\_key,  authorization,  userId  } |
| 6 | /api/users/{userId} | DELETE | Delete user by ID. | {  api\_key,  authorization,  userId  } |
| 7 | /api/users/add | POST | Admin endpoint to add a new user | {  api\_key,  authorization,  userId,  username,  email, password,  role,  optional:{  phone\_number,  age, gender, address  }  } |

## 2. Track Management Service

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| --- | --- | --- | --- | --- |
| S.No | API Endpoint | Method | Description | Parameters |
| 1 | /api/tracks | GET | Get all Tracks | {  api\_key,  authorization,  songId,  genre,  description,  language,  duration (in seconds)  } |
| 2 | /api/tracks/:songId | GET | Get tracks by Id. | {  api\_key,  authorization,  songId,  genre,  description,  language,  duration (in seconds)  } |
| 3 | /api/tracks/add | POST | Add a new track | {  api\_key,  authorization,  songId,  genre,  description,  language,  duration (in seconds)  } |
| 4 | /api/tracks/:songId | PUT | Update track details. | {  api\_key,  authorization,  songId,  genre,  description,  language,  duration (in seconds)  } |
| 5 | /api/tracks/:songId | DELETE | Delete a track. | {  api\_key,  authorization,  songId,  } |
| 6 | /api/tracks/trending | GET | List trending tracks. | {  api\_key,  authorization,  songId,  genre,  description,  language,  duration (in seconds)  } |

## 3. Podcast Management Service

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| --- | --- | --- | --- | --- |
| S.No | API Endpoint | Method | Description | Parameters |
| 1 | /api/podcast | GET | Get all Podcasts | {  api\_key,  authorization,  podcastId,  genre,  description,  language,  duration (in seconds)  } |
| 2 | /api/podcast/:podcastId | GET | Get Podcasts by Id. | {  api\_key,  authorization,  podcastId,  genre,  description,  language,  duration (in seconds)  } |
| 3 | /api/podcast/add | POST | Add a new podcast | {  api\_key,  authorization,  podcastId,  genre,  description,  language,  duration (in seconds)  } |
| 4 | /api/podcast/:podcastId | PUT | Update podcast details. | {  api\_key,  authorization,  podcastId,  genre,  description,  language,  duration (in seconds)  } |
| 5 | /api/podcast/:podcastId | DELETE | Delete a podcast. | {  api\_key,  authorization,  podcastId,  } |

# COMMON RESPONSE

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| --- | --- |
| **Status** | **Response** |
| 200 | { "message": "User registered/login successfully", "userId": <userId> } |
| 400 | {"error":"{data} is mandatory."} |
| 401 | {"error":"Unauthorized access."} |
| 403 | {"error":"API key is missing."} |
| 404 | {"error":"User not found."} |
| 409 | {"error":"User with this username or email already exists."} |
| 500 | {"error":"Something went wrong. Please try again later."} |