

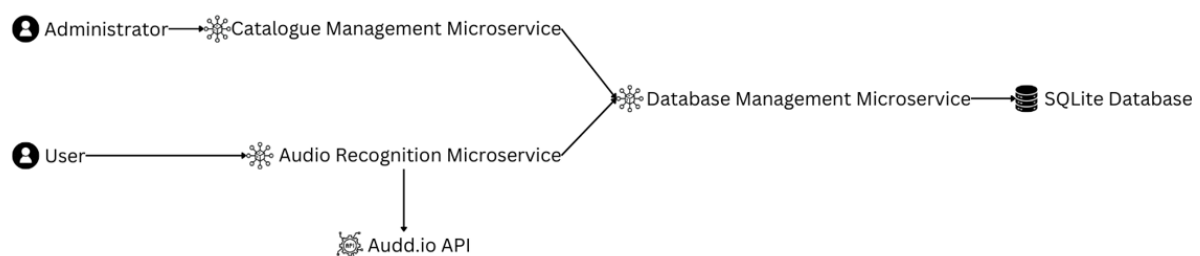
# Shamzam Microservices Design

## 1. Microservice Architecture Overview

The Shamzam MVP consists of three microservices that interact as follows:

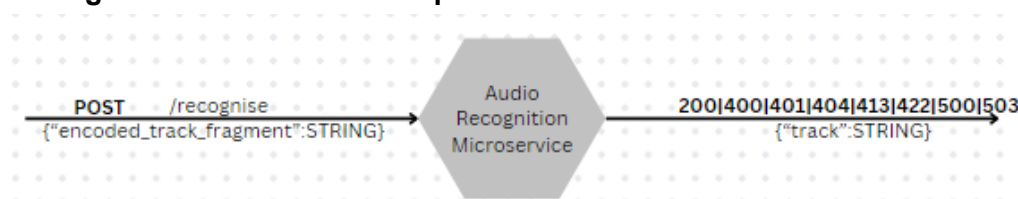
1. **Catalogue Management Microservice (Port 3000)** – Handles administrative tasks for managing tracks.
2. **Audio Recognition Microservice (Port 3001)** – Identifies audio fragments using Audd.io and retrieves track information.
3. **Database Management Microservice (Port 3002)** – Interacts directly with the SQLite database.

## 2. Microservice Connectivity

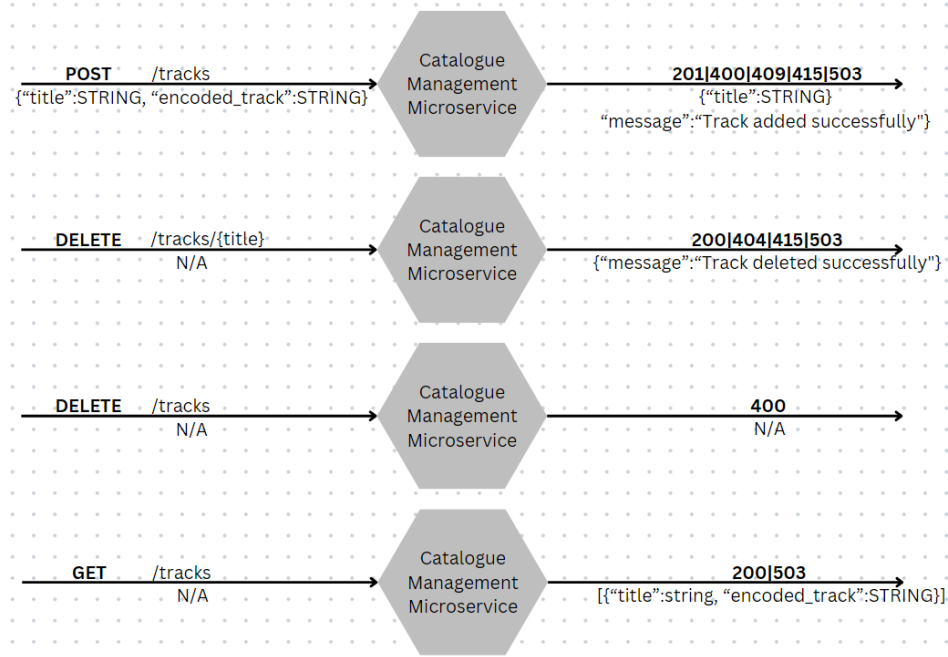


## 3. Microservice Endpoints

**Audio Recognition Microservice Endpoints:**



## Catalogue Management Microservice Endpoints:



## Database Management Microservice Endpoints:

