| **Endpoint** | **Method** | **Auth?** | **Request** | **Response** | **Notes** |
| --- | --- | --- | --- | --- | --- |
| /api/auth/register | POST | No | JSON | JWT + user info |  |
| /api/auth/login | POST | No | JSON | JWT + user info |  |
| /api/audio/upload | POST | User/Guest | audio file + guestId (if guest) | Prediction JSON | Calls ML microservice |
| /api/audio/history | GET | User/Guest | JWT or guestId | List of predictions | Paginated optional |
| /api/guest/create | POST | No | — | guestId UUID | (Optional, for guest UX) |