Traveleo – Backend API Contract

Base URL: http://localhost:5000/api

Authentication: JWT (Authorization: Bearer <token>)

Authentication APIs

POST /users – Register User

Body: name, email, password

POST /login – Login User

Body: email, password

Returns: JWT token and user details

Trips APIs (Protected)

POST /trips – Create Trip

Body: title, destination, start_date, end_date

GET /trips – Get all trips of logged-in user

Categories APIs (Protected)

POST /categories – Create Category

Body: name

GET /categories – Get all categories

Expenses APIs (Protected)

POST /expenses – Add Expense

Body: trip_id, category_id, amount, description, expense_date

GET /trips/:tripId/expenses – Get expenses for a trip

Budget APIs (Protected)

POST /trips/:tripId/budget – Set or update budget

Body: total_budget

GET /trips/:tripId/budget – Get budget status

Insights APIs (Protected)

GET /trips/:tripId/insights – Get budget insights and advice

Standard Error Format

{ "success": false, "message": "Error description" }