Traveleo – Frontend Handoff Document

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

Authentication: JWT (Authorization: Bearer <token>)

Authentication Flow

1. User logs in using email and password.

2. Backend returns JWT token and user details.

3. Frontend stores token in localStorage or memory.

4. Token is sent in Authorization header for every protected request.

Axios Setup (Recommended)

Create a centralized Axios instance to automatically attach JWT token to requests.

```
import axios from "axios";

const api = axios.create({
  baseURL: "http://localhost:5000/api"
});

api.interceptors.request.use((config) => {
  const token = localStorage.getItem("token");
  if (token) {
    config.headers.Authorization = `Bearer ${token}`;
  }
  return config;
});

export default api;
```

Common API Usage Examples

Login → POST /login

Get Trips → GET /trips

Create Trip → POST /trips

Add Expense → POST /expenses

Get Budget Insights → GET /trips/:tripId/insights

Error Handling Convention

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

Common Mistakes to Avoid

• Do not send password after login.

• Do not forget Authorization header.

• Do not send JWT in request body.

• Categories are user-level, not trip-level.

• Do not call protected APIs before login.

Suggested Frontend Page Flow

1. Login / Register
2. Dashboard – Trips List
3. Trip Details – Expenses, Budget, Insights
4. Add Expense Modal
5. Add Category Modal