API / Route Documentation

While this application is not a headless REST API (it renders HTML templates), this document outlines the available routes, their methods, and their functions, in the style of API documentation.

Authentication

POST /login

- **Description:** Authenticates a user and creates a session.
- **Form Data:** username, password
- **Response:** Redirects to / on success, re-renders login.html on failure.

POST /register

- **Description:** Creates a new user account.
- **Form Data:** username, password
- **Response:** Redirects to /login on success.

GET /logout

- **Description:** Clears the user session.
- **Response:** Redirects to /login.

Flights

GET /flights

- **Description:** Displays a list of all flights. Requires login.
- **Response:** Renders flights.html.

POST /add_flight

- **Description:** Creates a new flight record. Requires login.
- **Form Data:** flight_no, from, to, dep_date, dep_time, arr_date, arr_time, status.
- **Response:** Redirects to /flights.

POST /edit_flight/<flight_no>

- **Description:** Updates an existing flight record. Requires login.
- **Form Data:** from, to, dep_date, dep_time, arr_date, arr_time, status.
- **Response:** Redirects to /flights.

POST /delete_flight

- **Description:** Deletes a flight record. Requires login.
- **Form Data:** flight_no.

- **Response:** Redirects to /flights.

Passengers

GET /passengers

- **Description:** Displays a list of all passengers. Can be filtered by a search query. Requires login.
- **Query Parameter:** ?search=<name>
- **Response:** Renders passengers.html.

POST /add_passenger

- **Description:** Creates a new passenger record. Requires login.
- **Form Data:** name, age, sex, address, contact, email.
- **Response:** Redirects to /passengers.

POST /edit_passenger/<pid>

- **Description:** Updates an existing passenger record. Requires login.
- **Form Data:** name, age, sex, address, contact, email.
- **Response:** Redirects to /passengers.

POST /delete_passenger

- **Description:** Deletes a passenger record. Requires login.
- **Form Data:** pid.
- **Response:** Redirects to /passengers.

Shipments

GET /shipments

- **Description:** Displays a list of all shipments. Requires login.
- **Response:** Renders shipments.html.

POST /add_shipment

- **Description:** Creates a new shipment record. Requires login.
- **Form Data:** contents, weight_kg, category, is_insured, flight_no, cost_per_kg, handling_fee.
- **Response:** Redirects to /shipments.

POST /edit_shipment/<sid>

- **Description:** Updates an existing shipment record. Requires login.
- **Form Data:** contents, weight_kg, category, is_insured, flight_no, cost_per_kg, handling_fee.
- **Response:** Redirects to /shipments.

POST **/delete_shipment**

- **Description:** Deletes a shipment record. Requires login.
- **Form Data:** id.
- **Response:** Redirects to /shipments.