
Customer Endpoints 🧑🏻🧑🏻

- **GET /customers/**: Get a list of all customers.
 - **POST /customers/**: Create a new customer.
 - **Request Body**: CustomerCreate object containing customer details like name, phone number, and address.
 - **GET /customers/{customer_id}**: Get a specific customer by their ID.
 - **PUT /customers/{customer_id}**: Update an existing customer.
 - **Request Body**: customerUpdate object with the updated details.
 - **DELETE /customers/{customer_id}**: Delete a customer by their ID.
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User Endpoints 🧑

- **POST /users/login**: Authenticate a user and receive a JWT token.
 - **Request Body**: Form data with username and password.
 - **POST /users/**: Create a new user. This operation requires a **management role**.
 - **Request Body**: UserCreate object containing the new user's username, password, and role.
 - **Security**: Requires an OAuth2PasswordBearer token.
 - **POST /users/strtopass**: Convert a given string to its hashed password form. This operation requires a **management role**.
 - **Request Body**: TextIn object with the text to be hashed.
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Orders Endpoints 📦

- **GET /orders/**: Get a list of all orders.
- **POST /orders/**: Create a new order.
 - **Request Body**: create_new_order object including order_id, customer_id, order_date, deliver_address, status, deliver_city_id, and full_price.

- **GET /orders/{order_id}**: Get a specific order by its ID.
 - **PUT /orders/{order_id}**: Update an existing order.
 - **Request Body**: update_order object with the updated details.
 - **DELETE /orders/{order_id}**: Delete an order by its ID.
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City Endpoints

- **GET /cities/**: Get a list of all cities.
 - **GET /cities/cities/{city_id}**: Get a specific city by its ID.
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Railway Station Endpoints

- **GET /railway_stations/**: Get a list of all railway stations.
 - **GET /railway_stations/railway_stations{station_id}**: Get a specific railway station by its ID.
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Store Endpoints

- **GET /stores/**: Get a list of all stores.
 - **POST /stores/**: Create a new store.
 - **Request Body**: StoreCreate object with details such as store_id, name, telephone_number, address, contact_person, and station_id.
 - **GET /stores/stores{store_id}**: Get a specific store by its ID.
 - **PUT /stores/{store_id}**: Update an existing store.
 - **Request Body**: StoreUpdate object with the updated details.
 - **DELETE /stores/{store_id}**: Delete a store by its ID.
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Train Endpoints

- **GET /trains/**: Get a list of all trains.

- **GET /trains/trains{train_id}**: Get a specific train by its ID.
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Route Endpoints 🗺️

- **GET /routes/**: Get a list of all routes.
 - **POST /routes/**: Create a new route.
 - **Request Body**: route_create object containing route details like route_id, store_id, start_city_id, end_city_id, and distance.
 - **GET /routes/{route_id}**: Get a specific route by its ID.
 - **PUT /routes/{route_id}**: Update an existing route.
 - **Request Body**: route_update object with the updated details.
 - **DELETE /routes/{route_id}**: Delete a route by its ID.
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Allocation & Scheduling Endpoints 📅

- **GET /allocations/**: Get all allocations (both rail and truck).
- **POST /allocations/**: Create a new allocation.
 - **Query Parameters**: order_id, schedule_id, allocation_type (either Rail or Truck), and shipment_date.
- **GET /allocations/{allocation_id}**: Get a specific allocation by its ID.
- **PUT /allocations/{allocation_id}**: Update an allocation's shipment date or status.
 - **Query Parameters**: shipment_date and status (e.g., PLANNED, IN_PROGRESS, COMPLETED, CANCELLED).
- **DELETE /allocations/{allocation_id}**: Delete an allocation by its ID.
- **GET /trainSchedules/**: Get all train schedules.
- **POST /trainSchedules/**: Create a new train schedule.
- **GET /trainSchedules/{scheduled_id}**: Get a specific train schedule by its ID.
- **PUT /trainSchedules/{schedule_id}**: Update a train schedule.
- **DELETE /trainSchedules/{schedule_id}**: Delete a train schedule.

- **GET /truckSchedules/**: Get all truck schedules.
 - **POST /truckSchedules/**: Create a new truck schedule.
 - **GET /truckSchedules/{schedule_id}**: Get a specific truck schedule by its ID.
 - **PUT /truckSchedules/{schedule_id}**: Update a truck schedule.
 - **DELETE /truckSchedules/{schedule_id}**: Delete a truck schedule.
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Report Endpoints

- **GET /reports/sales/quarterly**: Get sales data for a specific year and quarter.
 - **Query Parameters**: year and quarter (1-4).
 - **Security**: Requires an OAuth2PasswordBearer token.
- **GET /reports/sales/top-items**: Get the top-selling items for a specific year and quarter.
 - **Query Parameters**: year, quarter (1-4), and an optional limit (defaulting to 20).
 - **Security**: Requires an OAuth2PasswordBearer token.
- **GET /reports/sales/by-city**: Get sales data broken down by city for a specified date range.
 - **Query Parameters**: start_date and end_date.
 - **Security**: Requires an OAuth2PasswordBearer token.
- **GET /reports/sales/by-route**: Get sales data for a specific date range, organized by route.
 - **Query Parameters**: start_date and end_date.
 - **Security**: Requires an OAuth2PasswordBearer token.
- **GET /reports/work-hours/drivers**: Get the work hours for drivers within a specific date range.
 - **Query Parameters**: start_date and end_date.
 - **Security**: Requires an OAuth2PasswordBearer token.

- **GET /reports/work-hours/assistants:** Get the work hours for assistants within a specific date range.
 - **Query Parameters:** start_date and end_date.
 - **Security:** Requires an OAuth2PasswordBearer token.
- **GET /reports/truck-usage:** Get truck usage data for a specific year and month.
 - **Query Parameters:** year and month (1-12).
 - **Security:** Requires an OAuth2PasswordBearer token.
- **GET /reports/customers/{customer_id}/orders:** Get all orders for a specific customer within a given date range.
 - **Path Parameter:** customer_id.
 - **Query Parameters:** start_date and end_date.
 - **Security:** Requires an OAuth2PasswordBearer token.