

## API Design

All URIs start with the base URI: **http://localhost/api/v1**

### Customer rep endpoint

Endpoint	Methods	URI	Description
Orders	GET	/rep/orders?state={state}	Get orders in given state
Order	PATCH	/rep/order/{state}/{id} Body: { "employee_number": int }	Set state of order of id to given state Flow: new -> open open -> skis-available skis-available -> ready ready -> shipped

### Storekeeper endpoint

Endpoint	Methods	URI	Description
Ski	POST	/storekeeper/ski	Add information about a newly produced ski

### Production planner endpoint

Endpoint	Methods	URI	Description
production plan	POST	/production-planner/production-plan	Upload new production plan

## Customer endpoint

Endpoint	Methods	URI	Description
Order	DELETE	/customer/order/{order_id}	Delete an existing order. Example Body: <pre>{   "customer_id": 1 }</pre>
production plan	GET	/customer/production-plan	Get production plan summary with amount of skis produced of each type
	POST	/customer/order/new	Create a new order Example body: <pre>{   "customer_id": 1,   "types": [     {       "weight": "20-30",       "size": 140,       "model": "Redline",       "quantity": 3     },     {       "weight": "20-30",       "size": 145,       "model": "Fisher",       "quantity": 1     }   ] }</pre>

			<pre>         }       ]     } </pre>
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#### Transporter endpoint

Endpoint	Methods	URI	Description
Shipment	PUT	/transporter/shipment/ship/{id}	change state of shipment from ready to picked up

#### Public endpoint

Endpoint	Methods	URI	Description
	GET	/public{?model={model}&grip={grip}}	Get ski types with optional model and/or grip-system filter

#### Resources

Resource	Representation
Orders	[order*]
Order	{“order-number”: ”string”, “total_price”: “string”, “state”: “string”, “ref_larger_order”, “string”, “customer_id”: “string”, “shipment_number”: “string”, “ski_types”: [“model”: “string”, “size”: “string”, “weight”: “string”, “quantity”: “string”]*}
Shipment	{"number": "string", "store_name": "string", "shipping_address": "string", "state": "string", "driver_id": "string", "repNo": "string"}
Ski	{“product_number”: int, “size”: int, “weight”: “string”, “model”: “string”}
Production plan	{“start_date”: "string", "end_date": "string", "planner_id", int, "plan": [{“model”: "string", "size": int, "weight": "string", "quantity": int}*]} end_date only for customer. Creation of production plan should not have end_date