

Endpoint design

Public endpoint

Endpoint	Method	Description
Skis filtered	GET	Retrieve information off all skis on a certain model

Endpoint	URI	Description
Skis filtered	/public/skis?{filters}	Retrieve all information about skis specified in the query. For finding a certain model use model= modelName For finding a certain grip use; grip= gripname For filter on bot simply set a & between the to eg of a functional uri: /public/skis?model=Redline&grip=IntelliWax

Resources	Description
Skis filtered	/public/skis?model=Redline&grip=IntelliWax Response: [{"type_id":"int","model":"string","type":"string","temperature":"string","grip":"string","size":"int","weight_class":"string","description":"string","historical":"int","photo_url":"string","msrp":"int"},.]

Storekeeper endpoint:

Endpoint	Method	Description
Storekeeper skis (Create records newly produced skis)	POST	This resource adding newly produced skis.
Storekeeper orders (retrieve orders)	GET	This resource contains all orders
Storekeeper transition record (Create a transition record for the order when more skis are assigned to the order)	PUT	This resource adding more skis to the order

Endpoint	URI	Description
Storekeeper skis	/storekeeper/ski/produced	Adding newly produced skis
Storekeeper orders	/storekeeper/orders	Retrieve all orders
Storekeeper transition record	/storekeeper/transitionrecord	Adding more skis to a specific order

Resource	Description
Storekeeper skis	<p>Request body:</p> <pre>{ "ski_type": "int", "manufactured_date": "datetime" OR "manufactured_date": "" }</pre> <p>Response body:</p> <pre>{ "serial_nr": "int", "ski_type": "int", "manufactured_date": "datetime" }</pre>
Storekeeper orders	[{

	<pre> "order_nr": "int", "name": "string", "buying_price": "float", "state": "enum", "total": "float", "sub_orders": [{ "model": "string", "msrp": "int", "quantity": "int", "subtotal": "float" }] </pre>
Storekeeper transition record	<p>Body:</p> <pre> { "order_nr": "int" "serialNr": "int" } </pre> <p>The order_nr is the order number you want to add the ski to the specific order and the serialNr is the ski you want to attach the order to.</p> <p>Response:</p> <pre> { "status": "ok", "orderNr": int,, "serialNr": int, "message": "The order: <number> with the ski serialnumber: <number> was sucesfully set" } </pre>

Customer endpoint:

Endpoint	Method	Description
Customer report (Retrieve a four week production plan summary)	GET	This resource gets a 4 week product plan

Customer order (Get, delete or post an order)	GET / DELETE /POST	Get or delete an already existing record, or post a new order.
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Endpoint	URI	Description
Customer report	/customer/plansummary	Retrieve a 4 week production plan
Customer order	/customer/{customerid}/order/{ordernr}	Delete, retrieve or add a specific order

Endpoint	Description
Customer report	<p>Request: Empty Body</p> <p>Response:</p> <pre>[{ "ski_type": "integer", "day": "date", "quantity": "integer" }, { "ski_type": "integer", "day": "date", "quantity": "integer", }]</pre>
Customer order	<p>Post request:</p> <pre>{ "customer": "int", OPTIONAL: "state": "string", "skis" : [{ "type": "int", "quantity": "int" }] }</pre> <p>Post response:</p> <pre>{ "order_nr": "int", "name": "string",</pre>

	<pre>"buying_price": "float", "state": "enum", "total": "float", "sub_orders": [{ "model": "string", "msrp": "int", "quantity": "int", "subtotal": "float" }] }</pre> <p>Get request: None</p> <p>Get response: { "order_nr": "int", "name": "string", "buying_price": "float", "state": "enum", "total": "float", "sub_orders": [{ "model": "string", "msrp": "int", "quantity": "int", "subtotal": "float" }] }</p> <p>Delete request: None</p> <p>Delete response: [{ "order_nr": "integer", "customer": "integer", "Status": "string" }]</p>

Production Planner

Endpoint	Methods	Description
Production plans	POST	loads new four-week production plan.

Endpoint	URI	Description
Production plans	/production-plans	Uploads new four-week production plan. Deletes previous four weeks.

Resource	Description
Production plans	[productionPlan*]

Transporter

Endpoint	Methods	Description
Shipment ship	POST	Set order with status “skis-available” to “shipped”. Afterwards update the order_history with a record of being shipped. Lastly create a new shipment for the aforementioned order.

Endpoint	URI	Description
Shipment ship	/shipment/{order_nr}	Set order with status “skis-available” to “shipped”. Afterwards update the order_history with a record of

		being shipped. Lastly create a new shipment for the aforementioned order.
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Resource	Description
Ship shipment	<p>Requestbody:</p> <pre>{ "shipping_address" : "testadresse", "scheduled_pickup" : "2021-04-05", "transporter": "Flyttegutta A/S", "driver_id": 1 }</pre> <p>Response:</p> <pre>[{ "shipment_nr": "integer", "customer_id": "integer", "shipping_address": "string", "scheduled_pickup": "datetime", "state": "string", "order_nr": "integer", "transporter": "string", "driver_id": "integer" }]</pre>

Customer-rep

Endpoint	Method	Description
customer-rep retrieve orders (Retrieve orders with status filter set to new)	GET	The method retrieves all orders with status specified eg new ore skis-available
Change order status (Change the order state from new to open for an	PUT	This method change a order state from new to open

unassigned order)		

Endpoint	URI	Description
Orders	/customer-rep/orders?status={status}	Retrieve orders with status filter set to new or open
Change order status	customer-rep/state	This wil change the order specified to the status specified.

Endpoint	Description
Orders	<p>Uses querystring for sorting. Examples:</p> <p>customer-rep/orders?status=new customer-rep/orders?status=open customer-rep/orders?status=new,open</p> <p>Example Response:</p> <pre>"1": { "price_total": int "orderstate": "string", "skis": { "1": { "type_id": "int", "model": "sting", "temperature": "string", "grip": "string", "size": "int", "weight_class": "string", "ski_quantity": "int" } } }</pre>
Change order state	<p>Body</p> <p>The Json format must use this format</p> <pre>{ "orderNumber": "int",</pre>

	<pre>"status": "string "</pre> <pre>}</pre> <p>In orderNumber you specify the order for changing the order state and in the status you specify witch sate to change the order TO. please note that the functionality only works from new to open.</p> <p>Here is an working Example:</p> <pre>{ "orderNumber": 1, "status": "open" }</pre> <p>Response:</p> <pre>{ "orderNumber": int,, "status": "open" }</pre>