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[Accsolve]

Req6

PRODUCT EXCHANGE

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## Version control

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| Version Number | Comments | Date |
| 1.0 | Initial Draft | 15/11/2019 |
| 1.1 | Uodated section 2 | 15/11/2019 |

## Overview

When selling a product like vehicle some time seller may offer a part exchange taking buyers old car. This part exchange will be considered as allowance. Seller can take more than one product as an exchange. This journey starts on inventory details page with an action button add product to exchange and after successful completion user will come back to Inventory details page.

If exchange product is not in the list user can go back to product page and create one. It will be mentioned in user guide no implementation required

## Show Exchange product Information on Inventory

When user is on inventory details page if there are any exchange products associated to the main inventory we should show list of those exchange products under inventory action buttons. This list should be similar to the inventory item list under Inventory menu. User should able to mark exchange product as inactive and manage income/expense same as other inventory.

Developer can re-use existing inventory listing logic and inventory details screen to list exchange products on inventory details page.

API Reference : GET [/inventory/details/{inventoryid}](http://localhost:8092/swagger-ui.html#/operations/inventory-controller/getInventoryProductUsingGET)

Show only purchase option on exchange products page if state is “ReadytoPurchase”

## Add Exchange Product

Provide an action button on inventory details page to add a new product for exchange. User should be able to add more than one product for exchange using same button.

Exchange product journey is similar to add inventory. Developer can re-use existing add inventory logic and recreate same journey as add inventory. Once product is added to inventory control should come back to inventory details page and new inventory should be listed under exchange products.

API reference : POST : [/inventory/{inventoryId}/Exchange](http://localhost:8092/swagger-ui.html#/operations/inventory-controller/addExchangeProductUsingPOST)