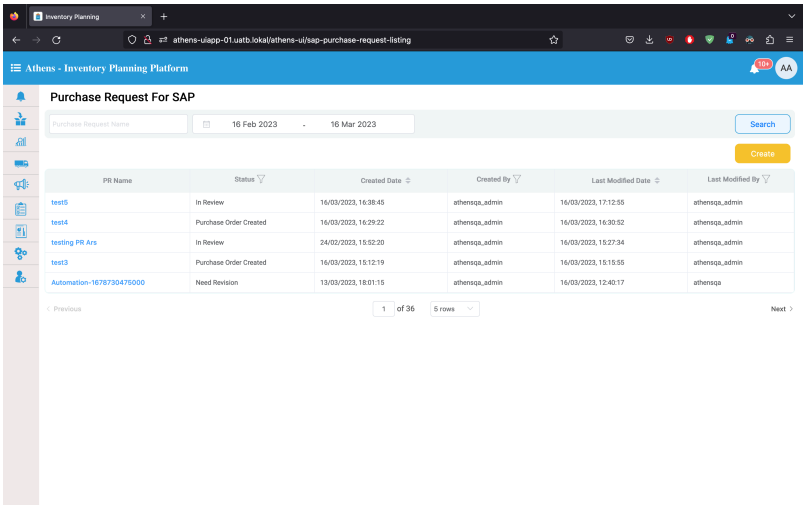
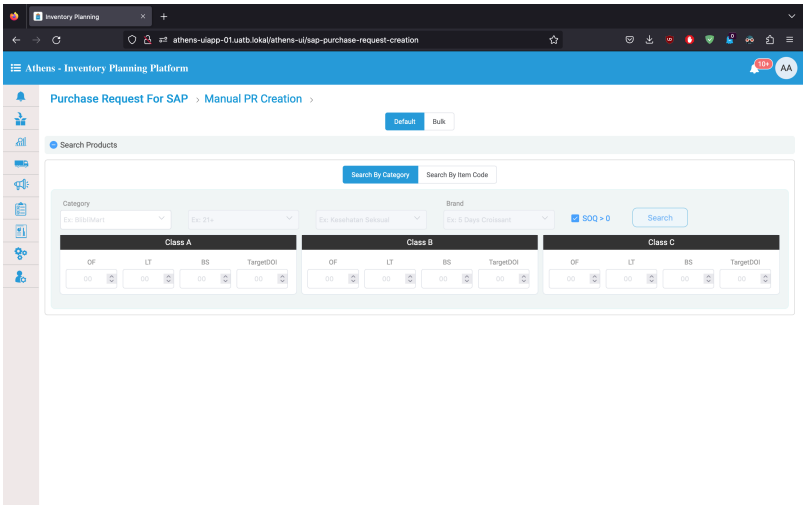
PR for SAP Flow

PR Listing

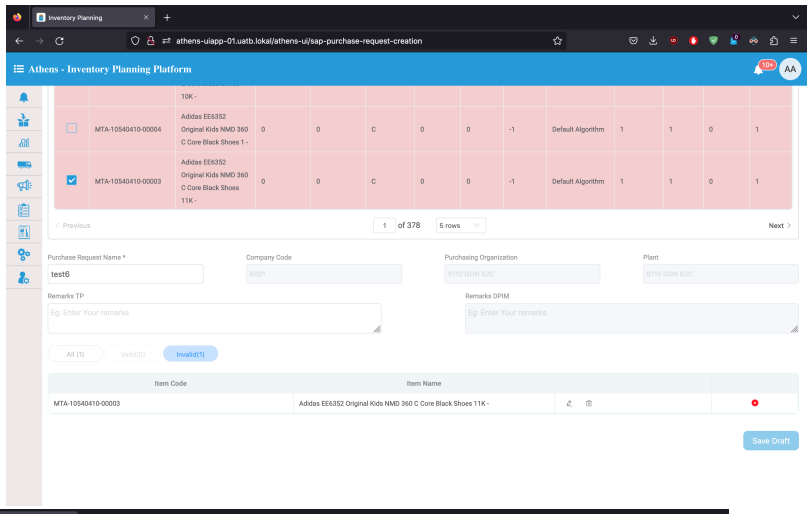


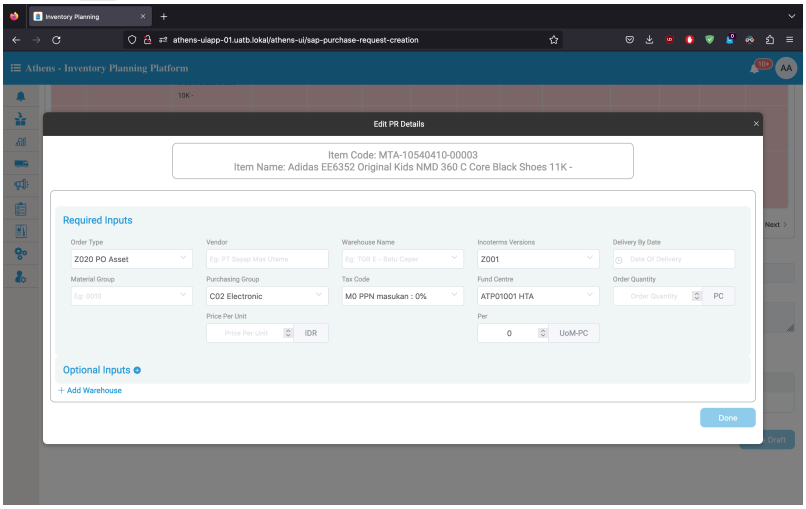
- Only the search API is called here
- Users can filter based on Created By and Last Modified By

Create PR

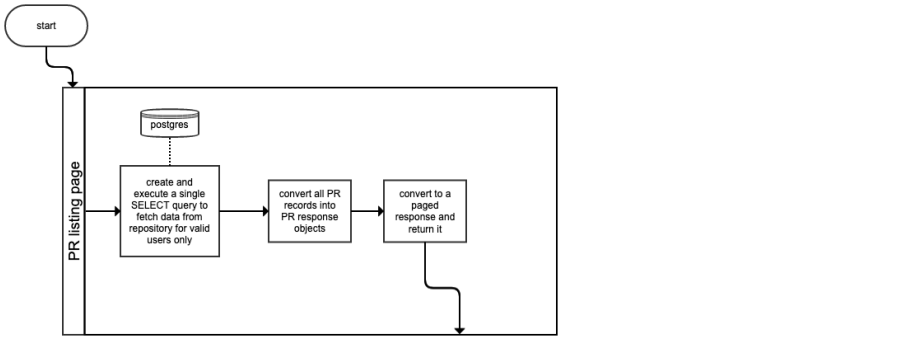


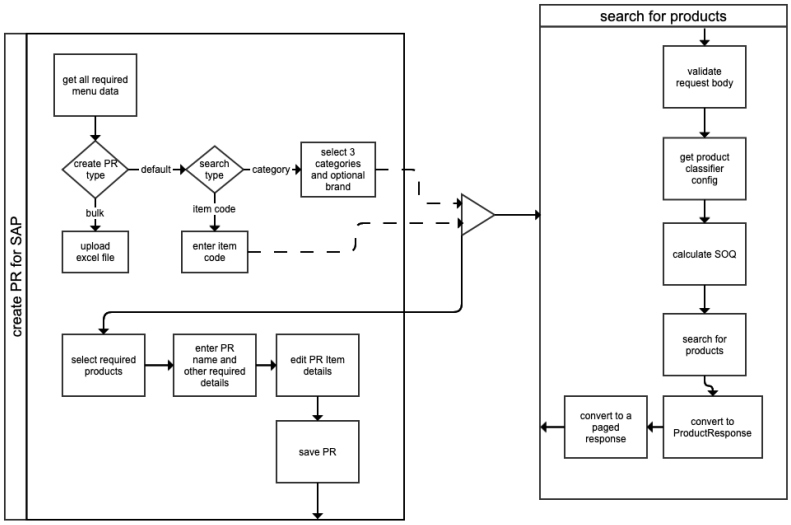
- Users can upload an excel file for Bulk PR creation or Manually create a PR
- Filtering of products can be done via category filters or by explicitly providing a product code.
- The replenishment API in the `ProductCommandController` gives us a list of filtered products
- The products are classified into three classes based on the three categories, Class A, Class B and Class C

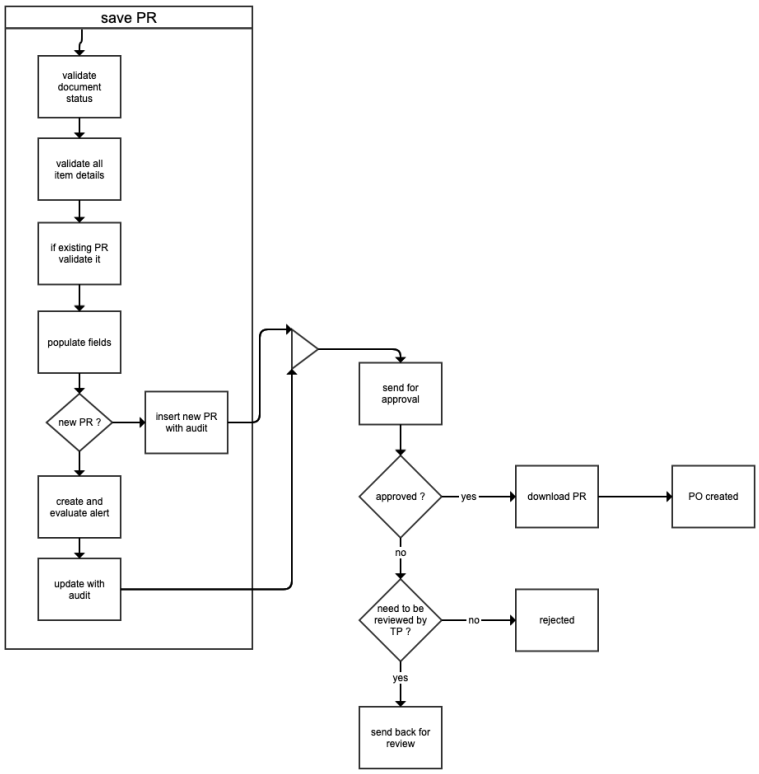




- After selecting the required items and entering the required details, the user can purchase stock for multiple warehouses
- After this, the PR document would be in the `Draft` state
- The TP must then send this document for approval to the DPIM user
- TP can indefinitely add more products and save drafts as they like
- After sending for approval, the status would be `In Review`
- The document can be approved or rejected by the DPIM user
- During rejection the user can decide to send back the document with remarks for the TP to review it.
- After Approval, the state would be `Reviewed`, the PO is created once the PR is downloaded.


start
PR listing page
postgres
create and execute a single SELECT query to fetch data from repository for valid users only
convert all PR records into PR response objects
convert to a paged response and return it


create PR for SAP
get all required menu data
create PR type
default
search type
category
select 3 categories and optional brand
bulk
item code
upload excel file
enter item code
select required products
enter PR name and other required details
edit PR Item details
save PR
search for products
validate request body
get product classifier config
calculate SOQ
search for products
convert to ProductResponse
convert to a paged response


save PR
validate document status
validate all item details
if existing PR validate it
populate fields
new PR ?
insert new PR with audit
create and evaluate alert
update with audit
send for approval
approved ?
yes
download PR
PO created
no
need to be reviewed by TP ?
no
rejected
yes
send back for review