

Solution Description.

1. All items are loaded into a drop down menu upon landing running and opening the front-end page.
2. Items can be added to cart using drop down menu, selecting item and then pressing add to cart.
3. Upon adding an item, it adds complete item object into selectedItems which an array of objects. It also adds item code into cart variable which is an array having all item codes.
4. Upon adding item is added into table.
5. Upon clicking "Generate Receipt", it sends a post request to back end for tax calculation and returns complete receipt data which is then added into a table using vuetify table.
6. Clear cart button clears items in the cart.
7. I used products.py file which has products detail and serving as products table to fetch products data.
8. I assumed the quantity of product upon selection is 1 and didn't handle quantity on back-end as well as on frontend.
9. I wrote test cases in back-end and there is one extra test case with wrong tax entry.