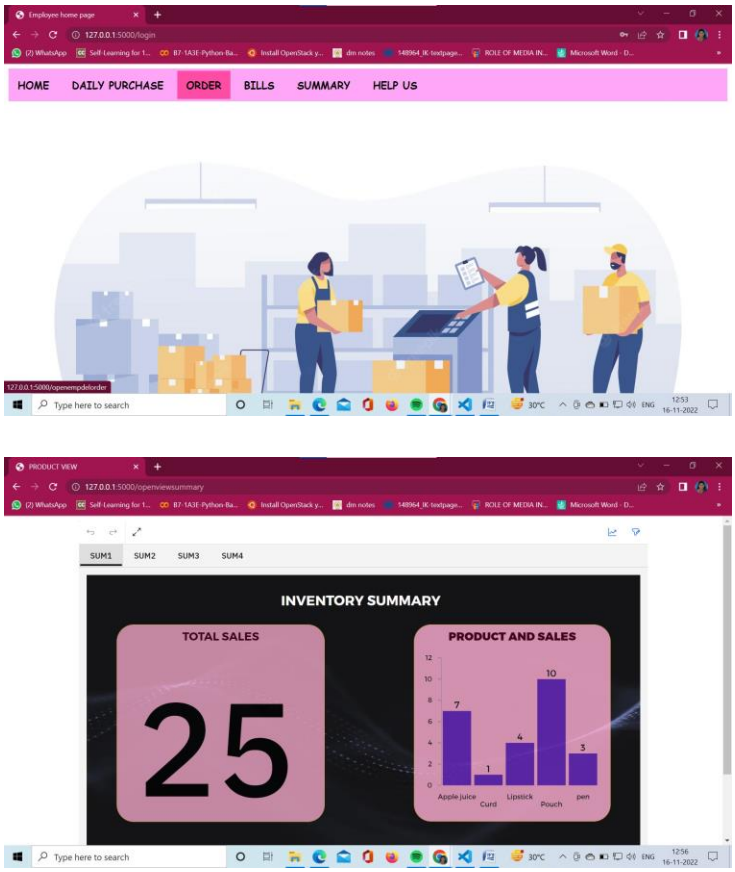
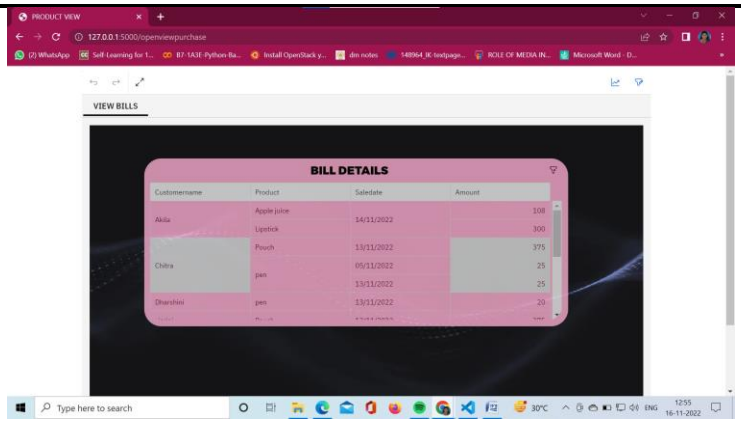
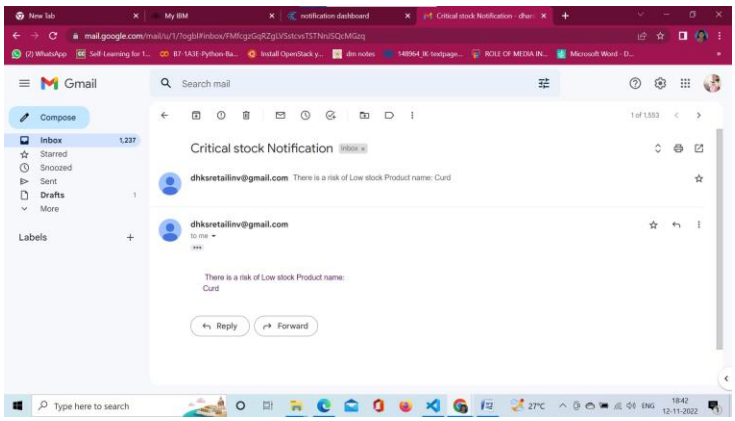
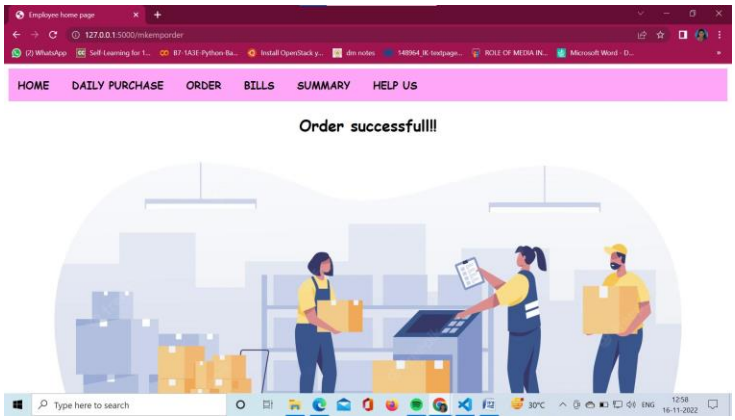
Project Development Phase
Performance Test
Sprint-4

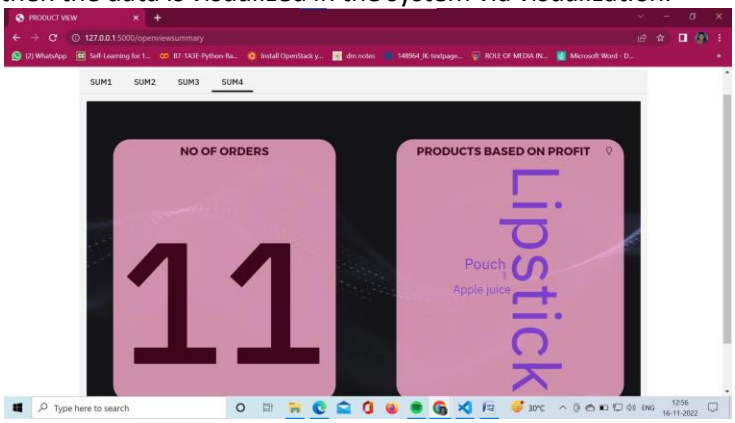
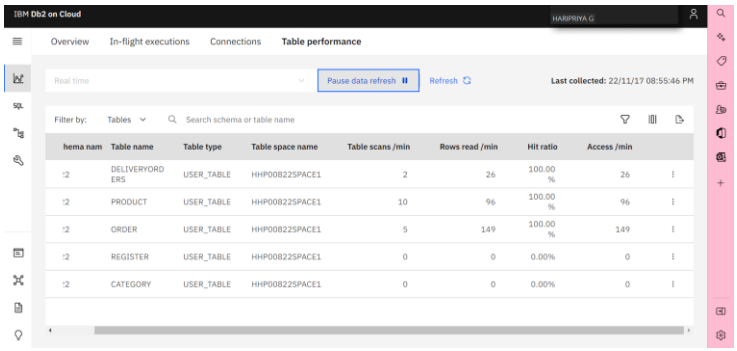
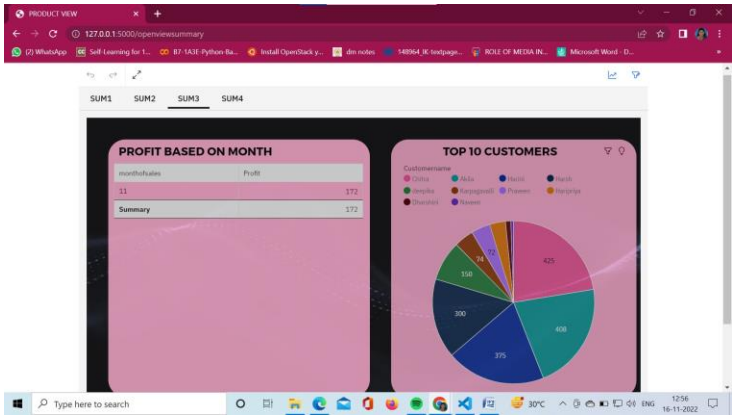
Date	16 November 2022
Team ID	PNT2022TMID09262
Project Name	Project - RETAIL STORE STOCK INVENTORY ANALYTICS
Maximum Marks	10 Marks

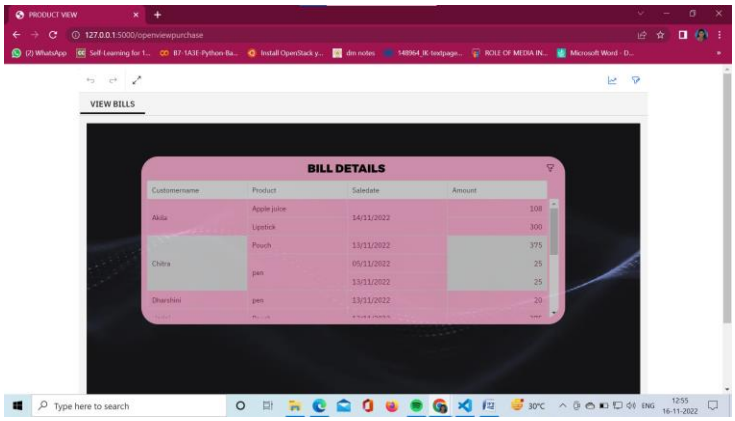
Model Performance Testing:

Project team shall fill the following information in the model performance testing template.

S.No.	Parameter	Screenshot / Values
1.	Dashboard design	No of Visualizations -3 

		
2.	Data Responsiveness	1. While ordering / booking products the product count in the table gets reduced and whenever the quantity reaches the low stock limit alert will be sent to the retailer mail regarding low stock.  2. While Adding the daily purchase ,purchase details are stored in the ibm_db2 table. 

		3.While viewing the products,summary and bills data is retrieved from ibm_db2 and connected with cognos analytics then the data is visualized in the system via visualization. 
3.	Amount Data to Rendered (DB2 Metrics)	Depending on the load of data by the retailer Range 1-10000 
4.	Utilization of Data Filters	Top ten customers are filtered and visualized based on purchase amount 

5.	Effective User Story	No of user stories - 4 1.order product 2.view summary' 3.view bills 4.Add daily purchase
6.	Descriptive Reports	No of Visualizations -1 1.List of bills 

SPRINT4

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PS C:\Users\Administrator\Downloads\SPRINT4\crt retail> locust -V
locust 2.13.0 from C:\Users\Administrator\AppData\Local\Programs\Python\Python310\lib\site-packages\locust (python 3.10.2)
PS C:\Users\Administrator\Downloads\SPRINT4\crt retail>  locust -f locust.py --headless --users 2 --spawn-rate 2 -H http://127.0.0.1:5000
[2022-11-16 14:46:08,010] DESKTOP-FD4GG7E/INFO/locust.main: No run time limit set, use CTRL+C to interrupt
[2022-11-16 14:46:08,010] DESKTOP-FD4GG7E/INFO/locust.main: Starting Locust 2.13.0
Type     Name                                                          # reqs      # fails |    Avg     Min     Max    Med |   req/s  failures/s
--------|-------------------------------------------------------------|-------|-------------|-------|-------|-------|-------|--------|-----------
--------|-------------------------------------------------------------|-------|-------------|-------|-------|-------|-------|--------|-----------
         Aggregated                                                        0     0(0.00%) |      0       0       0      0 |    0.00        0.00

[2022-11-16 14:46:08,026] DESKTOP-FD4GG7E/INFO/locust.runners: Ramping to 2 users at a rate of 2.00 per second
[2022-11-16 14:46:08,027] DESKTOP-FD4GG7E/INFO/locust.runners: All users spawned: {"WebsiteUser": 2} (2 total users)
Type     Name                                                          # reqs      # fails |    Avg     Min     Max    Med |   req/s  failures/s
--------|-------------------------------------------------------------|-------|-------------|-------|-------|-------|-------|--------|-----------
--------|-------------------------------------------------------------|-------|-------------|-------|-------|-------|-------|--------|-----------
         Aggregated                                                        0     0(0.00%) |      0       0       0      0 |    0.00        0.00

Type     Name                                                          # reqs      # fails |    Avg     Min     Max    Med |   req/s  failures/s
--------|-------------------------------------------------------------|-------|-------------|-------|-------|-------|-------|--------|-----------
--------|-------------------------------------------------------------|-------|-------------|-------|-------|-------|-------|--------|-----------
         Aggregated                                                        0     0(0.00%) |      0       0       0      0 |    0.00        0.00

Type     Name                                                          # reqs      # fails |    Avg     Min     Max    Med |   req/s  failures/s
--------|-------------------------------------------------------------|-------|-------------|-------|-------|-------|-------|--------|-----------
--------|-------------------------------------------------------------|-------|-------------|-------|-------|-------|-------|--------|-----------
         Aggregated                                                        0     0(0.00%) |      0       0       0      0 |    0.00        0.00

Type     Name                                                          # reqs      # fails |    Avg     Min     Max    Med |   req/s  failures/s
--------|-------------------------------------------------------------|-------|-------------|-------|-------|-------|-------|--------|-----------
--------|-------------------------------------------------------------|-------|-------------|-------|-------|-------|-------|--------|-----------
         Aggregated                                                        0     0(0.00%) |      0       0       0      0 |    0.00        0.00
```

Type	Name	# reqs	# fails	Avg	Min	Max	Med	req/s	failures/s
GET	/	2	0(0.00%)	8	5	11	5	0.00	0.00
GET	/addcat	5	0(0.00%)	7286	4363	13641	6400	0.10	0.00
GET	/addemp	1	0(0.00%)	35	35	35	35	0.00	0.00
GET	/addpro	1	0(0.00%)	4819	4819	4819	4819	0.00	0.00
GET	/delcat	6	0(0.00%)	4156	2668	6146	3200	0.10	0.00
GET	/delemp	3	0(0.00%)	5070	3340	7005	4900	0.00	0.00
GET	/delpro	3	1(33.33%)	5342	3901	6928	5200	0.00	0.00
GET	/login	3	0(0.00%)	763	27	2228	34	0.00	0.00
GET	/mkdelorder	6	0(0.00%)	3746	2162	4532	3800	0.00	0.00
GET	/mkempdelorder	1	0(0.00%)	1885	1885	1885	1885	0.00	0.00
GET	/mkemporder	4	0(0.00%)	2778	1957	4888	2000	0.00	0.00
GET	/mkorder	1	0(0.00%)	2254	2254	2254	2254	0.00	0.00
GET	/openaddcategory	2	0(0.00%)	7	4	9	5	0.00	0.00
GET	/openaddemp	6	0(0.00%)	960	4	2252	27	0.10	0.00
GET	/openaddpro	3	0(0.00%)	6046	4838	8373	4900	0.10	0.00
GET	/opendelcategory	4	0(0.00%)	411	4	1613	11	0.00	0.00
GET	/opendelemp	1	0(0.00%)	5645	5645	5645	5645	0.00	0.00
GET	/opendelorder	4	0(0.00%)	4241	2616	5021	4400	0.00	0.00
GET	/opendelpro	7	0(0.00%)	4602	3419	7451	4500	0.10	0.00
GET	/openempdelorder	4	0(0.00%)	3868	3095	4654	3500	0.00	0.00
GET	/openemporder	5	0(0.00%)	4140	2960	5727	4200	0.00	0.00
GET	/openindex	4	0(0.00%)	9	5	17	7	0.00	0.00
GET	/openmanual	6	0(0.00%)	961	6	2236	280	0.00	0.00
GET	/openorder	6	1(16.67%)	3714	1899	6596	2900	0.00	0.00
GET	/openupcategory	4	0(0.00%)	562	4	1736	5	0.00	0.00
GET	/openupemp	3	0(0.00%)	3263	2269	4572	2900	0.00	0.00
GET	/openuppro	3	0(0.00%)	6731	4475	10362	5400	0.00	0.00
GET	/openviewcat	4	0(0.00%)	1051	5	1921	530	0.10	0.00
GET	/openviewcategory	1	1(100.00%)	93	93	93	93	0.00	0.00
GET	/openviewpro	2	0(0.00%)	945	18	1872	18	0.00	0.00
GET	/openviewpurchase	2	0(0.00%)	284	16	552	16	0.00	0.00
GET	/openviewsummary	4	0(0.00%)	422	6	1662	7	0.00	0.00
GET	/upcat	3	0(0.00%)	4014	2628	4871	4500	0.00	0.00

Type	Name	# reqs	# fails	Avg	Min	Max	Med	req/s	failures/s
GET	/	3	0(0.00%)	7	5	11	5	0.01	0.00
GET	/addcat	7	0(0.00%)	6893	4363	13641	6300	0.03	0.00
GET	/addemp	3	0(0.00%)	709	16	2076	36	0.01	0.00
GET	/addpro	2	0(0.00%)	5426	4819	6032	4819	0.01	0.00
GET	/delcat	8	0(0.00%)	4038	2668	6146	3200	0.03	0.00
GET	/delemp	4	0(0.00%)	5112	3340	7005	4900	0.01	0.00
GET	/delpro	5	1(20.00%)	5567	3901	6928	5800	0.02	0.00
GET	/login	3	0(0.00%)	763	27	2228	34	0.01	0.00
GET	/mkdelorder	6	0(0.00%)	3746	2162	4532	3800	0.02	0.00
GET	/mkempdelorder	1	0(0.00%)	1885	1885	1885	1885	0.00	0.00
GET	/mkemporder	5	0(0.00%)	2964	1957	4888	2200	0.02	0.00
GET	/mkorder	2	0(0.00%)	2163	2073	2254	2100	0.01	0.00
GET	/openaddcategory	2	0(0.00%)	7	4	9	5	0.01	0.00
GET	/openaddemp	8	0(0.00%)	724	4	2252	16	0.03	0.00
GET	/openaddpro	3	0(0.00%)	6046	4838	8373	4900	0.01	0.00
GET	/opendelcategory	6	0(0.00%)	275	4	1613	5	0.02	0.00
GET	/opendelemp	2	0(0.00%)	5166	4687	5645	4700	0.01	0.00
GET	/opendelorder	4	0(0.00%)	4241	2616	5021	4400	0.01	0.00
GET	/opendelpro	9	0(0.00%)	4509	3419	7451	4500	0.03	0.00
GET	/openempdelorder	4	0(0.00%)	3868	3095	4654	3500	0.01	0.00
GET	/openemporder	5	0(0.00%)	4140	2960	5727	4200	0.02	0.00
GET	/openindex	5	0(0.00%)	11	5	17	9	0.02	0.00
GET	/openmanual	7	0(0.00%)	1063	6	2236	1500	0.03	0.00
GET	/openorder	8	1(12.50%)	3718	1899	6596	2900	0.03	0.00
GET	/openupcategory	10	0(0.00%)	434	4	2016	16	0.04	0.00
GET	/openupemp	4	0(0.00%)	3524	2269	4572	2900	0.01	0.00
GET	/openuppro	5	0(0.00%)	6585	3254	10362	5400	0.02	0.00
GET	/openviewcat	4	0(0.00%)	1051	5	1921	530	0.01	0.00
GET	/openviewcategory	2	2(100.00%)	2875	93	5657	94	0.01	0.01
GET	/openviewpro	5	0(0.00%)	1095	18	1872	1700	0.02	0.00

GET	/login	3	0(0.00%)	763	27	2228	34	0.01	0.00
GET	/mkdelorder	6	0(0.00%)	3746	2162	4532	3800	0.02	0.00
GET	/mkempdelorder	1	0(0.00%)	1885	1885	1885	1885	0.00	0.00
GET	/mkemporder	5	0(0.00%)	2964	1957	4888	2200	0.02	0.00
GET	/mkorder	2	0(0.00%)	2163	2073	2254	2100	0.01	0.00
GET	/openaddcategory	2	0(0.00%)	7	4	9	5	0.01	0.00
GET	/openaddemp	8	0(0.00%)	724	4	2252	16	0.03	0.00
GET	/openaddpro	3	0(0.00%)	6046	4838	8373	4900	0.01	0.00
GET	/opendelcategory	6	0(0.00%)	275	4	1613	5	0.02	0.00
GET	/opendelemp	2	0(0.00%)	5166	4687	5645	4700	0.01	0.00
GET	/opendelorder	4	0(0.00%)	4241	2616	5021	4400	0.01	0.00
GET	/opendelpro	9	0(0.00%)	4509	3419	7451	4500	0.03	0.00
GET	/openempdelorder	4	0(0.00%)	3868	3095	4654	3500	0.01	0.00
GET	/openemporder	5	0(0.00%)	4140	2960	5727	4200	0.02	0.00
GET	/openindex	5	0(0.00%)	11	5	17	9	0.02	0.00
GET	/openmanual	7	0(0.00%)	1063	6	2236	1500	0.03	0.00
GET	/openorder	8	1(12.50%)	3718	1899	6596	2900	0.03	0.00
GET	/openupcategory	10	0(0.00%)	434	4	2016	16	0.04	0.00
GET	/openupemp	4	0(0.00%)	3524	2269	4572	2900	0.01	0.00
GET	/openuppro	5	0(0.00%)	6585	3254	10362	5400	0.02	0.00
GET	/openviewcat	4	0(0.00%)	1051	5	1921	530	0.01	0.00
GET	/openviewcategory	2	2(100.00%)	2875	93	5657	94	0.01	0.01
GET	/openviewpro	5	0(0.00%)	1095	18	1872	1700	0.02	0.00
GET	/openviewpurchase	5	0(0.00%)	122	11	552	16	0.02	0.00
GET	/openviewsummary	6	0(0.00%)	592	6	1846	15	0.02	0.00
GET	/upcat	5	0(0.00%)	4231	2628	5768	4500	0.02	0.00
GET	/upemp	7	0(0.00%)	5780	3239	9490	5600	0.03	0.00
GET	/uppro	8	0(0.00%)	5887	4079	8667	5200	0.03	0.00
	Aggregated	173	4(2.31%)	3088	4	13641	3000	0.65	0.01

Response time percentiles (approximated)

Type	Name	50%	66%	75%	80%	90%	95%	98%	99%	99.9%	99.99%	100%	# reqs
GET	/	5	5	12	12	12	12	12	12	12	1	2	12
GET	/addcat	6300	6400	6900	6900	14000	14000	14000	14000	14000	1400	0	14000
GET	/addemp	36	36	2100	2100	2100	2100	2100	2100	2100	210	0	2100
GET	/addpro	6000	6000	6000	6000	6000	6000	6000	6000	6000	600	0	6000
GET	/delcat	4300	4500	5700	5700	6100	6100	6100	6100	6100	610	0	6100
GET	/delemp	5200	5200	7000	7000	7000	7000	7000	7000	7000	700	0	7000
GET	/delpro	5800	6000	6000	6900	6900	6900	6900	6900	6900	690	0	6900
GET	/login	34	34	2200	2200	2200	2200	2200	2200	2200	220	0	2200
GET	/mkdelorder	4100	4100	4200	4200	4500	4500	4500	4500	4500	450	0	4500
GET	/mkempdelorder	1900	1900	1900	1900	1900	1900	1900	1900	1900	190	0	1900
GET	/mkemporder	2200	3700	3700	4900	4900	4900	4900	4900	4900	490	0	4900
GET	/mkorder	2300	2300	2300	2300	2300	2300	2300	2300	2300	230	0	2300
GET	/openaddcategory	10	10	10	10	10	10	10	10	10	1	0	10
GET	/openaddemp	27	1700	1800	1800	2300	2300	2300	2300	2300	230	0	2300
GET	/openaddpro	4900	4900	8400	8400	8400	8400	8400	8400	8400	840	0	8400
GET	/opendelcategory	11	11	17	17	1600	1600	1600	1600	1600	160	0	1600
GET	/opendelemp	5600	5600	5600	5600	5600	5600	5600	5600	5600	560	0	5600
GET	/opendelorder	4900	4900	5000	5000	5000	5000	5000	5000	5000	500	0	5000
GET	/opendelpro	4500	4600	4700	4700	7500	7500	7500	7500	7500	750	0	7500
GET	/openempdelorder	4300	4300	4700	4700	4700	4700	4700	4700	4700	470	0	4700
GET	/openemporder	4200	4800	4800	5700	5700	5700	5700	5700	5700	570	0	5700
GET	/openindex	9	16	16	18	18	18	18	18	18	1	8	18
GET	/openmanual	1500	1700	1700	1700	2200	2200	2200	2200	2200	220	0	2200
GET	/openorder	4100	4100	4700	4700	6600	6600	6600	6600	6600	660	0	6600
GET	/openupcategory	16	16	510	1700	2000	2000	2000	2000	2000	200	0	2000
GET	/openupemp	4300	4300	4600	4600	4600	4600	4600	4600	4600	460	0	4600
GET	/openuppro	5400	9500	9500	10000	10000	10000	10000	10000	10000	1000	0	10000
GET	/openviewcat	1800	1800	1900	1900	1900	1900	1900	1900	1900	190	0	1900

GET	/openmanual	1500	1700	1700	1700	2200	2200	2200	2200	2200	220	0
2200	7											
GET	/openorder	4100	4100	4700	4700	6600	6600	6600	6600	6600	660	0
6600	8											
GET	/openupcategory	16	16	510	1700	2000	2000	2000	2000	2000	200	0
2000	10											
GET	/openupemp	4300	4300	4600	4600	4600	4600	4600	4600	4600	460	0
4600	4											
GET	/openuppro	5400	9500	9500	10000	10000	10000	10000	10000	10000	1000	0
10000	5											
GET	/openviewcat	1800	1800	1900	1900	1900	1900	1900	1900	1900	190	0
1900	4											
GET	/openviewcategory	5700	5700	5700	5700	5700	5700	5700	5700	5700	570	0
5700	2											
GET	/openviewpro	1700	1900	1900	1900	1900	1900	1900	1900	1900	190	0
1900	5											
GET	/openviewpurchase	16	17	17	550	550	550	550	550	550	55	0
550	5											
GET	/openviewsummary	18	18	1700	1700	1800	1800	1800	1800	1800	180	0
1800	6											
GET	/upcat	4500	4900	4900	5800	5800	5800	5800	5800	5800	580	0
5800	5											
GET	/upemp	5600	5900	6600	6600	9500	9500	9500	9500	9500	950	0
9500	7											
GET	/uppro	5600	6800	7300	7300	8700	8700	8700	8700	8700	870	0
8700	8											
	Aggregated	3000	4400	4800	5100	6000	7000	9500	10000	14000	1400	0
14000	173											